

Equipment Environmental Qualification Report
List of Additions or Deletions
Since Issuance of Initial Report on June 2, 1980
Zion Station - Units 1 & 2
September 19, 1980

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8010020298

Commonwealth Edison Company and Sargent & Lundy have been updating, reviewing and revising the Zion Equipment Environmental Qualification Report, which was first presented to NRC during their visit to Zion Station in early June of 1980.

As a result of our continued efforts, a more complete and thorough report has been provided to NRC. In order to facilitate your review of this revised report, a list of additions or deletions since issuance of the initial report on June 2, 1980, is outlined below.

1. A complete introduction has been included containing the objectives, methodology, and criteria used in our review of equipment environmental qualification.
2. The Systems List (see Appendix A of report) has been revised incorporating comments from Franklin Institute (FRC) and the Nuclear Regulatory Commission (NRC).
3. Changes to the table of Plant Environmental Conditions (see Appendix B) are reflected in Revision 3 of the table dated July 23, 1980. Also included in this appendix are temperature and pressure curves from Chapter 6 of the Zion FSAR with superimposed predicted curves from Chapter 14. Figure 1 showing total dose at containment center line following a LOCA has been added to the report.

4. The Environmental Zone Drawings (Appendix C) have also been revised to reflect those changes made to the table of Plant Environmental Conditions.
5. The inclusion of a submerged item list (Appendix D) which identifies those safety-related components required to function after a LOCA^{that} will be submerged following a LOCA. Justification for operation has been included.
6. A listing of the safety-related components located in the safety valve room or steam tunnel (Appendix E). This listing also contains the justification for operation in the event a High Energy Line Break occurred in these areas.
7. Equipment required to operate after high energy line break in auxiliary building is being identified (see Appendix F). The method of isolation for these high energy line breaks has been included.
8. A listing of the Safety Related Electrical Equipment identified by TMI Modifications has been compiled (see Appendix G).
9. Changes made to the Component/Equipment ID Sheets can be grouped into two (2) categories.
 - a) The addition or deletion of equipment from various systems.

b) Significant changes to the descriptive information provided for each Plant ID Number, e.g., changing zone or location due to review is considered significant; adding a function/service or drawing number is not considered significant.

AP: AUXILIARY POWER DISTRIBUTION SYSTEM

- No significant changes -

AR: AREA RADIATION MONITORING

DELETED ORE-AR08, ORE-AR09 - M801 ("Harsh" outside Containment)

Reasoning: these components are area radiation monitors and are not required to operate or function in the event of a LOCA or High Energy Line Break Line Break in the Aux. Bldg.

AV: AUXILIARY BUILDING VENT SYSTEM

- No significant changes -

CC: COMPONENT COOLING

CHANGED ZONES: MOV-CC9412A, D - C252

Reasoning: in the earlier revisions of the zone table A15 was both a "harsh" and "non-harsh" zone depending on the elevation. In the latest issue this has been broken up into two zones and these valves are located in the non-harsh zone.

CD: CONDENSATE & CONDENSATE BOOSTER

- System deleted from the review -

CI: CONTAINMENT ISOLATION

CHANGED ZONE: MOV-FW0017, 18, 19, 20 - B003

Reasoning: these were incorrectly listed in zone A12. Their correct zone is T3. However, both are "harsh" zones, only the maximum parameters change.

ADDED: AOV-RV0002, 4, 5, 6 - D102, D103 - A12

Reasoning: these valves were inadvertently left off and are part of the Containment Isolation System.

CS: CONTAINMENT SPRAY

- No significant changes -

CV: CRIBHOUSE VENTILATION

- No significant changes -

DC: 125 V DC POWER SUPPLY SYSTEM

- No significant changes -

DG: DIESEL GENERATORS/DG POWER SUPPLY

- No significant changes -

DO: DIESEL OIL

- No significant changes -

ES: EXTRACTION STEAM

- System deleted from review -

FW: STEAM GENERATOR FEEDWATER & AUXILIARY FEEDWATER

- CHANGES: 1) FT-533, 2LT-0518, 2LT-0528 were listed as above flood elevation, but are actually below.
2) PT-514, 15, 16, 24, 25, 26, 34, 35, 36, 44, 45, 46 and PT-530, 31, 32, 40, 41, 42, 50, 51, 50 from Zone T4 to T3.
3) PT-FW18 from T4 to T1.

ADDITIONS: PI-514B, 24B, 34B, 44B Computer No. - M210

IP: VITAL INSTRUMENT POWER SUPPLY

- No significant changes -

IW: ISOLATION VALVE SEAL WATER

- No significant changes -

MS: MAIN STEAM AHEAD OF ISOLATION VALVE

CHANGES: MOV-MS0005 & 11 changed from Zone C1 to T3.
MOV-MS0006 changed from Zone C1 to A12.

NR: NEUTRON MONITORING

- System deleted from review -

OV: COMPUTER ROOM, AUX. ELEC. EQUIP. ROOM & MISC. HVAC

- No significant changes -

PP: PENETRATION PRESSURIZATION

- No significant changes -

PR: POST ACCIDENT SAMPLING AND MONITORING

DELETED: RE-PR09A, B, C; RE-PR16, 17

Reasoning: Items are non-safety related and should not be included in the report.

PV: CONTROL ROOM VENTILATION

- No significant changes -

RC: REACTOR COOLANT

ADDED: 1) The limit switches on PCV-455C & 456. Computer No. C005
2) PT-403, 405 Computer No. M309.

CHANGED: 1FT-435, 2FT-426, 2FT-435 from above flood level to below.

RE: REACTOR INCORE INSTRUMENTATION

- System deleted from review -

RH: RESIDUAL HEAT REMOVAL

- No significant changes -

RP: REACTOR PROTECTION

- No significant changes -

RV: REACTOR CONTAINMENT FAN COOLERS, HYDROGEN PURGE

ADDED: AOY-RV0001, 3 Computer Nos. - D100, D101, D104; both the limit switch and the solenoid for these valves.

SI: SAFETY INJECTION

- CHANGED: 1) 1MOV-SI8808A, D & 2MOV-SI8808A, B, D, from above flood elevation to below.
2) Model No. on limit switches for Computer Nos. A013, A014, A015 from DX2400 to EA-180.
3) 1FT-0926, 2FT-0924 from above flood elevation to below.

SW: SERVICE WATER

- No significant changes -

TS: TURBINE SUPERVISORY

- System deleted from review -

TV: TURBINE BUILDING VENTILATION

- No significant changes -

VC: VOLUME CONTROL

ADDED: AOV-VC8149B - B508; Limit Switch on this valve was added.

CHANGED ZONES: 1) MOV-LCV-VC112D, E

Reasoning: these valves were incorrectly listed in a harsh zone (A9).
Their actual location is in zone All which is a non-harsh zone.

DELETED FROM SYSTEM: 2) MOV-VC8100, 8105, 8106

Reasoning: these valves are part of the Containment Isolation System and were inadvertently listed in the VC System also.

The Qualification Data Sheets have been updated to include operability requirements for many of the components. Where other qualification documents have been used, these have been referenced on the Qualification Data Sheets. However, some additions and deletions have occurred and this information follows:

SHEETS ADDED: (CONTAINMENT)

COMP. NO.	EQUIPMENT	I.D. NOS.	PAGE OF NEW REPORT	REASON FOR ADDITION	
B508	Limit Switch	AOV-VC8149B	7	Review of Revision 1 of Report ↓	
C005	Limit Switch	PCV-455C, 456	12		
C008	Solenoid Oper.	LCV-RC459, 460	14		
D101	Limit Switch	AOV-RV0001, 3	16		
D104	Solenoid Oper.	AOV-RV0001, 3	17		
M308	RTD	TE-0431A, B	29		
M309	Pressure Trans.	PT-403, 405	30		
M802	Radiation Det.	RE-AR01	31		
R055	Elec. Penetration	1EP-001	70		Not used for any safety-related device. Added to CI System to show qualification data exists for all of the penetrations. ↓
R056	Elec. Penetration	1EP-002	71		
R057	Elec. Penetration	1EP-003	73		
R058	Elec. Penetration	1EP-005	74		
R059	Elec. Penetration	1EP-007	75		
R060	Elec. Penetration	1EP-008	76		
R061	Elec. Penetration	1EP-009	77		
R062	Elec. Penetration	1EP-010	78		
R063	Elec. Penetration	1EP-011	79		
R064	Elec. Penetration	1EP-013	80		
R065	Elec. Penetration	1EP-014	81		
R066	Elec. Penetration	1EP-018	82		
R067	Elec. Penetration	1EP-019	83		
R068	Elec. Penetration	1EP-020	84		
R069	Elec. Penetration	1EP-023	85		
R070	Elec. Penetration	1EP-024	86		
R071	Elec. Penetration	1EP-028	87		
R072	Elec. Penetration	1EP-029	88		
R073	Elec. Penetration	1EP-030	89		
R074	Elec. Penetration	1EP-031	90		
R075	Elec. Penetration	1EP-032	91		
R076	Elec. Penetration	1EP-033	92		
R077	Elec. Penetration	1EP-035	93		
R078	Elec. Penetration	1EP-036	94		
R079	Elec. Penetration	1EP-037	95		
R080	Elec. Penetration	1EP-038	96		
R081	Elec. Penetration	1EP-039	97		
R082	Elec. Penetration	1EP-041	98		
R083	Elec. Penetration	1EP-042	99		
R084	Elec. Penetration	1EP-043	100		
R085	Elec. Penetration	1EP-044	101		
R086	Elec. Penetration	1EP-048	102		
R087	Elec. Penetration	1EP-058	103		

SHEETS ADDED: (HARSH OUTSIDE CONTAINMENT)

COMP. NO.	ITEM	I.D. NO.	PAGE OF NEW REPORT	REASON FOR ADDITION
C501	MOV	MOV-MS0005,11	25	Review of Revision 1 of Report
C521	MOV	MOV-MS0006	28	
D102	Solenoid	AOV-RV0002, 4	32	
D103	Solenoid	AOV-RV0005, 6	33	
M205	Pressure Switch	PS-FWWB,C1-3	42	
M208	Pressure Switch	PS-FWWA1, 2	44	
M210	Indicator	FI-FW02,3,4,25B	45	
M504	Pressure Trans.	PT-SW107	49	
M902	Humidity Ind. Transducer	MY-RV42,43,44	52	
M903	MV/I Converter	MY-RV42,43,44A	53	
N303	Indicator	FI-121B	54	
P001	Pressure Switch	PS-MSS51-54	55	
T109	Elec. panel	1LP66	64	Result of elec. review of wiring dwgs.
X159	Junction Box	1RB0052	92	Junction Boxes are located in various tunnels going into the containment. The environment classification was changed from C1 (containment) to a T(1,2,3,4,5) designation. The environment in the various tunnels is classified as harsh. (See containment deletions.)
X160	Junction Box	1RB0053	93	
X161	Junction Box	1RB0067	94	
X162	Junction Box	1RB0074	95	
X178	Junction Box	1RB0137	96	
X179	Junction Box	1RB0138	97	
X180	Junction Box	1RB0139	98	
X181	Junction Box	1RB0140	99	
X182	Junction Box	1RB0141	100	
X183	Junction Box	1RB0146	101	
X184	Junction Box	1RB0148	102	
X185	Junction Box	1RB0149	103	
X186	Junction Box	1RB0152	104	
X187	Junction Box	1RB0153	105	
X200	Junction Box	1RB0387	106	
X201	Junction Box	1RB0388	107	
X202	Junction Box	1RB0389	-	Now zone T5 not CI. Item missed in new report. Should be added in harsh zone. (See containment deletions.)
X203	Junction Box	1RB0390	108	
X204	Junction Box	1RB0391	109	

DELETED SHEETS: (CONTAINMENT)

COMP. NO.	ITEM	I.D. NO.	PAGE OF OLD REPORT	REASON FOR DELETION	
C501	MOV	MOV-MS0005,6, 11	13	Incorrectly listed in containment C501, now in harsh data sheet section.	
N201	Neut. Det.	NR System Comp.	27	All of these sheets were associated with components in the NR system. This system is no longer part of the review and therefore the sheets have been deleted.	
N202	Neut. Det.	NR System Comp.	28		
N203	Pre Amp	NR System Comp.	29		
N204	Neut. Det.	NR System Comp.	30		
N601	Thermocouple	NR System Comp.	31		
W011	Local instr. rack	RM21	69	It was decided that the Instr. rack need not be qualified, just the equipment associated with it. When the rack nos. were deleted, the corresponding J.B.'s were added.	
W021	Local instr. rack	RM26	79		
W027	Local instr. rack	RM29	85		
X159	Junction Box	1RB0052	137	These J.B.'s were changed from a C1 environment classification to a T(1,2,3,4,5) classification. These items were added to the Harsh zone list.	
X160	Junction Box	1RB0053	138		
X161	Junction Box	1RB0067	139		
X162	Junction Box	1RB0074	140		
X178	Junction Box	1RB0137	156		
X179	Junction Box	1RB0138	157		
X180	Junction Box	1RB0139	158		
X181	Junction Box	1RB0140	159		
X182	Junction Box	1RB0141	160		
X183	Junction Box	1RB0146	161		
X184	Junction Box	1RB0148	162		
X185	Junction Box	1RB0149	163		
X186	Junction Box	1RB0152	164		
X187	Junction Box	1RB0153	165		
X200	Junction Box	1RB0387	178		
X201	Junction Box	1RB0388	179		
X202	Junction Box	1RB0389	180		
X203	Junction Box	1RB0390	181		
X204	Junction Box	1RB0391	182		
X405	Junction Box	1NR059	186		These items were in the NR System. The NRC said that this system need not be considered in the review.
X407	Junction Box	1NR060	187		
X409	Junction Box	1NR062	188		
X411	Junction Box	1NR063	189		
X413	Junction Box	1NR064	190		
X415	Junction Box	1NR065	191		
X417	Junction Box	1NR066	192		

DELETED SHEETS: (HARSH OUTSIDE CONTAINMENT)

COMP. NO.	ITEM	I.D. NO.	PAGE OF OLD REPORT	REASON FOR DELETION
B505	Motor Operated Valve	MOV-VC-LCV112 D, E	19	The valves were incorrectly listed in a harsh zone. The actual zone is All, which is non-harsh and therefore no data sheet was produced.
B509	Motor Operated Valve	MOV-VC8105,6	20	These valves were duplicated in the VC system. They can be found in the CI system.
B510	Motor Operated Valve	MOV-VC8100	21	
C252	Motor Operated Valve	MOV-CC9412A,B	28	
M401	Rad. Det.	RE-PR09A	46	This part of A15 was non-harsh but the computer pulled the I.D. No. in as being harsh. A15 has now been changed to all non-harsh.
M402	Rad. Det.	RE-PR09B	47	
M403	Rad. Det.	RE-PR09C	48	
M801	Rad. Det.	ORE-AR08, 9	52	These items are not safety-related and should not have been listed in the first place.
X401	Junction Box	1NR055	148	Same as above.
X403	Junction Box	1NR056	149	NR system no longer needs to be reviewed.
X294	Junction Box	1AB0443	140	TV system no longer needs to be reviewed.

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ENVIRONMENTAL QUALIFICATION OF CLASS 1E EQUIPMENT
AND ADDITIONAL EQUIPMENT RECOGNIZED AS
ESSENTIAL FOR SAFE SHUTDOWN

ZION STATION - UNITS 1 & 2
COMMONWEALTH EDISON COMPANY

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1.0 Introduction

Commonwealth Edison Company was asked to review the environmental qualification of safety-related electrical equipment at Zion Station. Under the SEP review program, the applicable guidelines are:

- 1) Guidelines for Evaluating Environmental Qualification of Class 1E Electrical Equipment in Operating Reactors - Enclosure 1 to NRC letter to Licensees, dated February 1980.
- 2) Guidelines for Identification of that Safety Equipment of SEP Operating Reactors for which Environmental Qualification is to be Addressed - Enclosure 2 to NRC letter to Licensees dated February 1980.

2.0 Objectives

The scope of this study is:

- a) provide a "master list" of all systems required to mitigate the consequences of the postulated accidents.
- b) provide plant environmental conditions for all areas of the plant that contain safety-related electrical equipment.
- c) identify and provide qualification data for all safety-related electrical components inside the containment which are required to function under the postulated accident conditions.
- d) identify and provide qualification data for all safety-related electrical components outside the containment which are required to function under the postulated accident conditions.
- e) compile a list of safety-related electrical equipment for which qualification has not yet been determined, or which is not qualified in accordance with the specific requirements of the NRC guidelines; provide corrective measures to be taken in satisfying the requirements of the NRC guidelines.

3.0 Methodology

3.1 "Master List" of Systems

A "master list" of all systems required to function under postulated accident conditions was based on the Zion Station FSAR, Zion Station Emergency Operating Procedures (EOP's), and Appendix A of NRC Guidelines for Evaluating Environmental Qualification of Class 1E Electrical Equipment in Operating Reactors, "Typical Equipment/ Functions Needed for Mitigation of a LOCA or MSLB Accident." These systems are listed in Appendix A of this report. Some systems in the EOP's were excluded due to an NRC review.

3.2 Environmental Conditions

Environmental conditions for a loss-of-coolant accident (LOCA) and several high energy line breaks outside containment were defined (see Section 4.1) and environmental zone boundaries established for applicable portions of the plant (see Appendix B). Environmental conditions were based on the conditions stated in the Zion FSAR. Where specific values were not included in the FSAR, the values were obtained from System Functional Descriptions and design calculations.

3.3 Post-Accident Radiation Environment

An extensive effort is required to individually calculate the post-accident time-integrated radiation exposure of every piece of safety-related equipment. Of importance to such a calculation are the following items:

The radiological accident scenarios must be reviewed. Different accidents will require different mechanical systems to be employed. Differing scenarios will result in different releases of radioactivity from the core and different concentrations in fluid streams, and hence a different post-accident radiation exposure.

The precise location of the piece of equipment within the plant is required. The location with respect to expected post-accident radiation sources and intervening walls which provide shielding must be determined.

The time after an accident when the piece of equipment must be operational is of importance. Likewise, the duration of time that the equipment must be operational must be determined.

3.3 Post-Accident Radiation Environment (cont.)

In some cases a specific item within a component is the most susceptible to radiation (e.g., an O-ring). In this case it may be necessary to examine the component's bill-of-materials to determine susceptibility of items; or determine if the component itself provides enough intrinsic protection for the susceptible part.

Before initiating the above extensive cycle of calculations, it would be beneficial to review the equipment qualification levels against a set of "screening" values. Such screening values have been prepared for a number of broad areas for this review and represent values unlikely to be exceeded in these areas regardless of the choice of the parameters described above. These values are given in Appendix B. Items which fail to pass this initial screening level will then be reviewed in more detail on a case-by-case basis.

(In order to put these integrated radiation doses into perspective, they might be compared with typical radiation damage thresholds given in the public literature and reproduced here as Table 3.3-1. This Table is provided for information only and is not intended as an ultimate authority regarding the acceptability of a component to perform in a given radiation environment; that acceptability is determined only by a detailed review of the complete component design and intended function of the most susceptible part within that component and/or by testing the component as a whole in its design-basis environment. Because of these factors, the component containing any of the generic items listed in Table 3.3-1 may, as a whole, be able to perform at higher or lower levels than indicated for the most susceptible part. The data in Table 3.3-1 are similar to data provided in Appendix C, Table C-1, of NRC Guidelines for Evaluating Environmental Qualification of Class 1E Electrical Equipment in Operating Reactors.)

3.4 Identification of Electrical Components

All electrical components inside and outside containment required to function under the postulated accident conditions were identified. (Individual electrical components mounted on panels were not specifically identified. Only the whole panel was included.) Documents consulted for this identification were the Zion Station FSAR, Zion Station Emergency Operating Procedures (EOP's), Technical Specifications, Piping & Instrumentation Drawings (P&ID's), Instrument Index and Electrical Drawings.

TABLE 3.3-1

THRESHOLD OF RADIATION DAMAGE TO MATERIAL

Part A. Organic Materials

TABLE 12-1. Functional Damage Thresholds of Organic Materials Due to Radiation

Material	Integrated Dosage, Rads
TFE Resins	5.0×10^3
Kel-F	8.0×10^3
PVC	9.0×10^3
Butyl Rubber	1.0×10^6
Nylon	1.0×10^6
Polypropylene	1.5×10^6
FEP Resins	5.0×10^6
Silicone Rubber	9.0×10^6
Hypalon	9.5×10^6
Viton	9.5×10^6
Nitrile	1.0×10^7
Neoprene	1.0×10^7
Polyethylene	5.0×10^7
SBR Rubber	8.0×10^7
Natural Rubber	1.5×10^8
Ethylene-Propylene Rubber	1.5×10^8
Epoxy	2.0×10^8
Polyester	2.0×10^8
Phenolic	2.0×10^8
Penton	3.0×10^8
Saran	4.0×10^8
Kynar	5.0×10^8
Filled Silicone Resins	8.0×10^8
Polystyrene	1.5×10^9

From: K. C. Lish
 "Nuclear Power Plant
 Systems and Equipment,"
 Industrial Press, Inc.
 1972.

Part B. Other Materials

(Adapted from Table 10. 1
 "Reactor Shielding Design
 Manual," T. Rockwell,
 TID-7004, March, 1956)

Material	Integrated Dosage, Rads
Ductile Metals	2×10^{11}
Portland Cement	2×10^{11}
Asbestos, Mineral Insulations	2×10^{10}
Permanent Magnets	2×10^8
Piezo-Electric Crystals	2×10^8
Capacitors (Ceramic, Paper, Mica)	6×10^7
Small Electric Motors	6×10^7
Resistors	2×10^7
Capacitors (electrolytic)	2×10^7
Small Transformers	2×10^7
Rectifiers (G2)	6×10^6
Lead Storage Batteries	6×10^6

3.4 Identification of Electrical Components (continued)

The FSAR was the basis for determining the equipment for which qualification documentation is required. Equipment identified in Emergency Operating Procedures but not in the FSAR was determined to be "not required" for accident mitigation.

3.5 Compilation of Identification (ID) Sheets

Once the electrical components were identified, the following detailed information (if available) was obtained for each item within a system: manufacturer, model number, procurement specification, Commonwealth Edison Company purchase order number, location, flood level, elevation (where applicable), vendor drawing and Sargent & Lundy location drawings. This information is shown on the Component/Equipment ID Sheets in the following Appendices:

G.1 - ID sheets for "Nonharsh" Environmental Zones
Outside Containment - Unit 1

G.2 - ID sheets for "Inside Containment" Environmental Zone - Unit 1

G.4 - ID sheets for "Harsh" Environmental Zones
Outside Containment - Unit 1

H.1 - ID sheets for "Nonharsh" Environmental Zones
Outside Containment - Unit 2

H.2 - ID sheets for "Inside Containment" Environmental Zone - Unit 2

H.4 - ID sheets for "Harsh" Environmental Zones
Outside Containment - Unit 2

A sample of an ID sheet is illustrated in Table 3.5-1. Table 3.5-1 is reproduced in each of the appendices containing ID sheets.

3.6 Compilation of Qualification Data Sheets

For those items that were in the containment or in a "harsh" area outside the containment, Qualification Data Sheets were compiled. (Those items in a "normal" or nonharsh environment are considered qualified by experience, in accordance with Section 4.3.3, "Areas Normally Maintained at Room Conditions," of the NRC guidelines.) The data sheets address the following

REVISION 2
DATE 03 JUL 80

COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
							IN	OUT				
VC 2MOV-VC-LCV 112E	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	M/17 577'-0"	A11	AUX	N/A	15-1028-3	M-518	B509
FUNCTION/SERVICE: ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS												
VC 2FT-121	FLOW TRANSMITTER	F&P	10B2496	X-27 O	104253	K/17 560'-0"	A 7	AUX	N/A		M-518, M-297	N301
FUNCTION/SERVICE: CHARGING LINE FLOW CONTROL, INDICATION & ALARM/CHARGING LINE												

TABLE 3.5-1: Sample of ID Sheet

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CHICAGO

TABLE 3.5-1 (continued)

1.	SY	System abbreviation; for the system name, see Appendix A, "Zion Systems List - Units 1 & 2"
2.	PLANT ID NUMBER	Plant Identification Number
3.	COMPONENT/ EQUIPMENT	Name of component or equipment identified
4.	MFR	Component manufacturer abbreviation

ACRMAG	Acromag
AMER. FILTR	American Filter
AQUA CHEM	Aqua-Chem
ASCO	American Switch Company
ASHCROFT	Ashcroft
BARKSDALE	Barksdale
BARRY BLOWER	Barry Blower
BARTON	Barton
BIW	Boston Insulated Wire
BUFF FORG	Buffalo Forge
COOPER BESSEMER	Cooper-Bessemer
CUMMIN	Cummings
DGO	D. G. O'Brien Inc.
DRESS INDUS	Dresser Industries
ELEC. THERMO	Electric Thermometer
ELLIOT	Elliot Co.
F&P	Fischer & Porter
FISH-H	Fischback-Hattfield
FISHER & PORT	Fisher & Porter
FOXBORO	Foxboro
G.E.	General Electric
GRAN-CAL	Gran-Cal
HARLO CORP.	Harlo Corporation
HONEYWELL	Honeywell
ITE	ITE Imperial Corporation
KERITE	Kerite
LMTQ	Limitorque
LOUIS ALLIS	Louis Allis
MAGNETROL	Magnetrol
MERCOD	Mercod
NAMCO	Namco Controls
NMC	Nuclear Measurements Corporation
NUCLR. MEASUR	Nuclear Measurements Corporation

SARGENT & LUNDY
ENGINEERS
CHICAGO

TABLE 3.5-1 (continued)

4. MFR (cont'd)	Component manufacturer abbreviation																										
	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">PENN</td> <td style="width: 50%;">Penn</td> </tr> <tr> <td>POWERS REGULATOR</td> <td>Powers Regulator Co.</td> </tr> <tr> <td>PYROTRONIC</td> <td>Pyrotronic</td> </tr> <tr> <td>RAMCON</td> <td>Ramcon</td> </tr> <tr> <td>RAYCHEM</td> <td>Raychem</td> </tr> <tr> <td>ROSEMOUNT</td> <td>Rosemount</td> </tr> <tr> <td>SOSTMN</td> <td>Sostman</td> </tr> <tr> <td>TAYLOR</td> <td>Taylor</td> </tr> <tr> <td>UNITED ELECT</td> <td>United Electric</td> </tr> <tr> <td>WAL. TIER.</td> <td>Wallace & Tiernan Inc.</td> </tr> <tr> <td>WESCHLER</td> <td>Weschler</td> </tr> <tr> <td>WEST</td> <td>Westinghouse</td> </tr> <tr> <td>WF JHN BARNES</td> <td>W. F. & John Barnes</td> </tr> </table>	PENN	Penn	POWERS REGULATOR	Powers Regulator Co.	PYROTRONIC	Pyrotronic	RAMCON	Ramcon	RAYCHEM	Raychem	ROSEMOUNT	Rosemount	SOSTMN	Sostman	TAYLOR	Taylor	UNITED ELECT	United Electric	WAL. TIER.	Wallace & Tiernan Inc.	WESCHLER	Weschler	WEST	Westinghouse	WF JHN BARNES	W. F. & John Barnes
PENN	Penn																										
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UNITED ELECT	United Electric																										
WAL. TIER.	Wallace & Tiernan Inc.																										
WESCHLER	Weschler																										
WEST	Westinghouse																										
WF JHN BARNES	W. F. & John Barnes																										
5. MODEL NUMBER																											
6. PROCURE SPEC	Specification to which the component was purchased																										
7. CECO P.O. NO.	Commonwealth Edison Company Purchase Order Number																										
8. COL/ROW ELEVATN	Coordinates (column & row) locating the component Component elevation																										
9. CONTAIN IN OUT	Denotes whether component is in or out of containment and the corresponding environmental zone (See Table of Plant Environmental Conditions for zone)																										
10. BUILD	Denotes which building the component is located in																										
	<table border="0" style="width: 100%;"> <tr> <td>CONT - Containment Building</td> </tr> <tr> <td>AUX - Auxiliary Building</td> </tr> <tr> <td>TURB - Turbine Building</td> </tr> <tr> <td>DG - Diesel Generator Building</td> </tr> <tr> <td>USVR - Upper Safety Valve Room</td> </tr> <tr> <td>LSVR - Lower Safety Valve Room</td> </tr> <tr> <td>TEND - Tendon tunnel</td> </tr> <tr> <td>TUNN - Main Steam tunnel</td> </tr> <tr> <td>CRIB - Cribhouse</td> </tr> </table>	CONT - Containment Building	AUX - Auxiliary Building	TURB - Turbine Building	DG - Diesel Generator Building	USVR - Upper Safety Valve Room	LSVR - Lower Safety Valve Room	TEND - Tendon tunnel	TUNN - Main Steam tunnel	CRIB - Cribhouse																	
CONT - Containment Building																											
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TEND - Tendon tunnel																											
TUNN - Main Steam tunnel																											
CRIB - Cribhouse																											

TABLE 3.5-1 (continued)

11. FLD LEVEL	Denotes whether component is above or below flood level elevation
	ABV - Above
	BEL - Below
	N/A - Not applicable (component is not in containment building)
12. VENDOR DRAWING	
13. S&L DRAWING	Sargent & Lundy drawing
14. COMP NO	Computer Number - A matching computer number integrates the Component/Equipment ID Sheet with the Qualification Data Sheet
15. FUNCTION/SERVICE	Denotes the function and service for the component

3.6 Compilation of Qualification Data Sheets (continued)

environmental parameters: temperature, pressure, relative humidity, radiation, operating time, chemical spray, aging, submergence. These data sheets are in the following Appendices:

- G.3 - Data Sheets for "Inside Containment" Environmental Zone - Unit 1
- G.5 - Data Sheets for "Harsh" Environmental Areas Outside the Containment - Unit 1
- H.3 - Data Sheets for "Inside Containment" Environmental Zone - Unit 2
- H.5 - Data Sheets for "Harsh" Environmental Areas Outside the Containment - Unit 2

A sample of a Qualification Data Sheet is illustrated in Table 3.6-1. Table 3.6-1 is reproduced in each of the Appendices containing Qualification Data Sheets.

3.7 ID and Data Sheet Integration

Each item on the ID sheets has a computer number (comp no.) which may be common to more than one item within a system or which may be unique to one item common to more than one system. Each Qualification Data Sheet has a distinct "comp no." associated with it. The ID and Data sheets are integrated by this matching "comp no." Note that this "comp no." is not the same as the plant ID number.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 02 JUL 80

- 1 SYSTEM REACTOR VENTILATION (RV)
- 2 COMP/EQUIP RCFC FAN/MOTOR TEMPERATURE CONTROL/CONTAINMENT
- 3 MANUFACTURER WESTINGHOUSE
- 4 MODEL 585.5CSP/FRAME 200/200HP/1200/900RPM
- 5 ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION PLT DES	REFERENCE SPEC	QUALIFICATION QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	271	308	FDRV007	FDRV001	FDRV004	CONCURRENT			FO01
PRESS PCIA	ZONE C 1 62	47	80	FDRV007	FDRV001	FDRV004	CONCURRENT			FO01
REL HUMID%	ZONE C 1 100	100	100	FDRV007	FDRV002	FDRV004	CONCURRENT			FO01
RADIATION	ZONE C 1 2.0E08	1.5E08	1.40E08	FDRV007	FDRV003	FDRV005	SEPARATE	FDRV001		FO01
OPE TME MN LONG TERM									FRRV100	FO01
CHEM SPRAY		2500PPM BORON	3000PPM BORON		FDRV003	FDRV004	CONCURRENT			FO01
CHEM SPRAY		PH 9.5-10.0	PH 9.5-10.0							FO01
AGING	40 YRS & ACCIDENT							FDRV001		FO01
SUBMERGENC	NOT APPLICABLE									FO01

DOCUMENTATION

FDRV001 SPECIFICATION X-2234 PAGE 7
 FDRV002 SPECIFICATION X-2234 PAGE 32
 FDRV003 SPECIFICATION X-2234 PAGE 10
 FDRV004 WESTINGHOUSE TEST REPORT (WCAP-9003), "FAN COOLER MOTOR TEST UNIT"
 FDRV005 WESTINGHOUSE TEST REPORT (WCAP-7744), "TOPICAL REPORT & ENVIRONMENTAL TESTING OF ENGINEERED SAFETY FEATURES RELATED EQUIP"
 FDRV007 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

FDRV001 THERE IS ANOTHER WCAP WHICH QUALIFIES THE MOTORS TO 2.0E08 RAD ENVIRONMENT. HOWEVER IT WAS NOT AVAILABLE AT THE ISSUE DATE SO THIS VALUE WAS NOT INCLUDED. (REF WCAP-7829)
 FRRV100 LONG TERM OPERATION REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

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TABLE 3.6.1: SAMPLE OF QUALIFICATION DATA SHEET

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TABLE 3.6-1 (continued)

1.	SYSTEM	System
2.	COMP/EQUIP	Name of component/equipment
3.	MANUFACTURER	Manufacturer
4.	MODEL	Model Number
5.	ACCURACY	Specified and demonstrated accuracies of instruments for their trip functions and/or post-accident monitoring requirements
6.	ENVIRONMENT "PLANT DESIGN"	Value obtained from the Zion FSAR or from the postulated accident analysis. (Zone C1 represents the containment. For other zones refer to Table of Plant Environmental Conditions. Also shown is the worst case parameter for the given zone; e.g., 271 is worst case temperature for Zone C1.)
7.	ENVIRONMENT "SPECIFICATION"	Value obtained from the procurement specification (if exists)
8.	ENVIRONMENT "QUALIFICATION"	Value obtained from test reports, engineering analysis data, etc.
9.	DOCUMENTATION REFERENCE* "PLT DES"	Reference document for Environment "Plant Design"
10.	DOCUMENTATION REFERENCE* "SPEC"	Reference document for Environment "Specification"
11.	DOCUMENTATION REFERENCE* "QUAL"	Reference document for Environment "Qualification"
12.	DOCUMENTATION REFERENCE CODE NUMBER	A seven-character code number which refers to the appropriate footnote Sample: FDRV007 F - designates responsible division within Sargent & Lundy D - denotes "Documentation Reference" RV - denotes system code 007 - arbitrary numbering system
13.	QUALIFICATION METHOD	Method of qualification (test, evaluation, analysis)

TABLE 3.6-1 (continued)

14. OUTST**
Outstanding items: identifies parameters for which no qualification data is presently available or for which the item is not qualified; also indicates plan of action for determining qualification
15. OUTST**
CODE NUMBER
A seven-character code number which refers to the appropriate footnote
Sample: FORV001
F - designates responsible division within Sargent & Lundy
O - denotes "Outstanding Items"
RV - denotes system code
001 - arbitrary numbering system
16. REMARKS***
Identifies parameters for which additional remarks are needed
17. REMARKS***
CODE NUMBER
A seven-character code number which refers to the appropriate footnote
Sample: FRRV100
F - designates responsible division within Sargent & Lundy
R - denotes "Remarks"
RV - denotes system code
100 - arbitrary numbering system
18. COMP NO
Computer number - a matching computer number integrates the Component/Equipment ID Sheet with the Qualification Data Sheet
Sample: F007
F - designates responsible division within Sargent & Lundy
007 - arbitrary numbering system

4.0 Criteria

4.1 Definitions of Postulated Accidents

4.1.1 Loss-of-Coolant Accident Inside Containment

Equipment in the containment required to function after an accident shall be qualified for the most severe environment. The postulated accident inside the containment which results in the most severe environment is the design basis loss-of-coolant accident (LOCA) discussed in Chapters 6.0 and 14.0 of the Zion FSAR. Specific references for the LOCA environment are listed in Appendix B.1, Plant Environmental Conditions.

4.1.1.1 Flood Level Elevation Inside Containment

The flood level elevation is 571'-6" (3-1/2 feet above bottom of containment). It is applicable only to the containment after a LOCA. This flood level is based on water from the reactor coolant system, accumulators, and refueling water storage tank emptying into the containment.

4.1.2 Main Steam Line Break Inside Containment

Equipment qualified for a LOCA environment inside containment is also considered to be qualified for a Main Steam Line Break environment. (See NRC Guidelines for Evaluating Environmental Qualification of Class 1E Electrical Equipment in Operating Reactors.)

4.1.3 High Energy Line Break Outside Containment

The following high energy line breaks are considered:

- a) Main Steam/Feedwater Line in steam tunnel and safety valve room.
- b) 10" Auxiliary Steam Line to the boric acid and radwaste evaporators.
- c) 6" Main Steam Line to the auxiliary feedwater turbine driven pumps.

These postulated line breaks are discussed in the Questions & Answers to Chapter 10 of the Zion FSAR.

4.1.3 High Energy Line Break Outside Containment (continued)

Specific references for the line break environments are listed in Appendix B.1, Plant Environmental Conditions. Zones T2, T3, T4 and T5 will experience the main steam/feedwater line break environment. The auxiliary steam line break environment will have an effect on Zones A8, A9, A10 and A 18. Zones A12 and A14 will experience the 6" main steam line break environment.

Where components are located in harsh areas outside the containment, the most severe environmental conditions for that area will be utilized for qualification. Where qualification for the worst case conditions cannot be demonstrated, components will be evaluated for the conditions associated with each individual accident.

4.2 Definition of Environmental Conditions

4.2.1 Containment

The environmental conditions inside the containment are summarized in Appendix B.1. The pressure and temperature following an accident were obtained from FSAR Figures 6.3-1 and 6.3-2, respectively. The maximum temperature is 271°F with an associated pressure of 47 psig. The gamma, beta and total dose at the center line of the containment with respect to time following a LOCA is given in Appendix B.1, Figure 1. The maximum relative humidity is 100%.

Only equipment located inside the containment is exposed to chemical sprays from the Containment Spray System. The Containment Spray System utilizes a 30% NaOH solution from the spray additive tank and a 2000 ppm boric acid solution from the refueling water storage tank, which is utilized throughout the containment.

4.2.2 Outside Containment (Nonharsh Environments)

Areas considered "nonharsh" or "normal" are those served by safety-related HVAC systems and for which the post-accident environmental conditions do not appreciably differ from the normal plant conditions. The SEP Owners Group has taken the position that "Environments will be considered to be non-hostile when ventilation is lost at some stage of an event but is returned on emergency power or its equivalent." Thus, areas experiencing

4.2.2 Outside Containment (Nonharsh Environments) (continued)

a small rise in temperature (10 - 15°F) from the normal are considered to be "nonharsh." Per the NRC Guidelines, "Equipment subject to service conditions that are at no time more severe than the normal environment for which the equipment has been designed and under which its proper operation has been verified, can be regarded as qualified by experience." The environmental conditions of equipment located in nonharsh environments are summarized in Appendix B.1. The following zones are considered nonharsh environments: A1, A2, A3, A4, A5, A6, A7, A11, A13, A15, A16, A17, P1 and T1. The maximum temperatures in the nonharsh areas range from 105°F to 120°F. The pressure is maintained approximately at atmospheric. The most severe relative humidity for the nonharsh areas is 90%. The environmental conditions for equipment located in nonharsh environments were obtained from Chapter 9 of the FSAR and the functional descriptions for the HVAC systems serving nonharsh areas.

The time-integrated radiation exposure in all nonharsh zones (except Zones A11, A13 and A15) is not expected to exceed 10^4 rads unless equipment is in direct contact with post-LOCA fluids recirculated from the containment sump. Detailed radiation assessments are unnecessary in areas where the radiation exposure is less than 10^4 rads.

A value of 10^3 rads is specified for some areas within the plant (e.g., Zone A1, the main control room) where adequate radiation protection is provided to assure full-time human occupancy during the post-accident period.

The time-integrated radiation exposure in Zones A11, A13 and A15 is not expected to exceed 2×10^7 rads (or 2×10^8 rads if the component is immersed in or directly in contact with post-accident fluids from the reactor or the containment sump). These values are based on generic calculations of the long-term radiation exposure near (or in) pipes containing post-accident recirculating fluids.

4.2.3 Outside Containment (Harsh Environments)

Areas considered "harsh" are those which experience environmental conditions outside the range of normal conditions for which the equipment has been designed.

4.2.3 Outside Containment (Harsh Environments) (continued)

The environmental conditions for equipment located in harsh environments are summarized in Appendix B.1. The following zones are considered harsh environments: A8, A9, A10, A12, A14, A18, T2, T3, T4 and T5. The temperatures and pressures vary for each zone, with a maximum of 550°F and 63.7 psia for Zone T3. The most severe relative humidity is 100%. The environmental conditions for equipment located in harsh environments were obtained from Chapter 9 and answers to questions in Chapter 10 of the FSAR, and the functional description for the HVAC systems serving harsh areas.

The time-integrated radiation exposure in all harsh environment zones (except A8 and A9) is not expected to exceed 2×10^7 rads (or 2×10^8 rads if the component is immersed in or in direct contact with post-accident fluids from the reactor or the containment sump). These values are based on generic calculations of the long-term radiation exposure near (or in) pipes containing post-accident recirculating fluids. Zones A8 and A9 contain no radioactive sources and are subject to radiation levels not to exceed 10^4 rads as described in subsection 4.2.2.

4.3 Submergence

A list of safety-related containment instruments below the flood level elevation (571'-6") that are required to function after a design basis LOCA is provided in Appendix C.

4.4 Equipment Operating Time

Equipment operating time, which is shown on the Qualification Data sheets, is that time for which the component is required to operate after an accident. Operating times are categorized as follows:

short term:	less than 10 minutes
medium term:	between 10 minutes and 24 hours
long term:	greater than 24 hours

4.5 Accident Scenarios for High Energy Line Breaks Outside Containment

- a) A list of equipment located in the safety valve rooms or steam tunnel is provided in Appendix D. Justification for safe shutdown capability after a main steam or feedwater line break in these areas is also provided.

4.5 Accident Scenarios for High Energy Line Breaks Outside Containment (continued)

- b) Systems and components which must function after a high energy line break in the auxiliary building to bring the plant to a normal cold shutdown condition are listed in Appendix E. The method of isolation for these high energy line breaks is also defined. Justification for safe shutdown capability is also provided.

4.6 Equipment Identified by TMI Modifications

A list of safety-related electrical equipment identified by TMI Modifications is provided in Appendix F.

4.7 Review of Environmental Qualification Data

Test reports have been reviewed for specific types of components and the results have been documented on Qualification Data Sheets. Where qualification data is available, the method of qualification is also recorded. Components may be qualified for the expected environmental conditions by type testing or a combination of testing and analysis.

4.8 Plan of Action for Outstanding Items

Where existing data is not available to demonstrate qualification of a component, one of the following methods will be utilized to resolve the status of the component:

- a) Tests on similar components will be evaluated. Where the component is sufficiently similar to the qualified component, the test data and component design data will be analyzed. Providing sufficient similarity exists to utilize the report for the similar component, the evaluation will be documented and the analysis and test report referenced as demonstrating the suitability of the component.
- b) An identical component from the spare parts inventory or one of the installed components will be tested.
- c) The component will be relocated to a nonharsh environment.
- d) The component will be replaced.

5.0 Results

The systems required to function after the postulated accident conditions have been identified. Plant environmental conditions have been established for areas of the plant where safety-related electrical equipment exists. Safety-related electrical components both inside and outside containment have been identified. The qualification review is in progress, and Qualification Data Sheets have been compiled. The Appendices contain the Qualification Data Sheets which have been completed, where qualification and tests reports are available. Where qualification and test reports are unavailable, the plan of action and method of qualification are being evaluated and documented on the Qualification Data Sheets.

ZION STATION - UNITS 1 & 2

SYSTEMS REQUIRED FOLLOWING A LOCA, MSLB, HELB

1. AP Auxiliary Power Distribution System
2. AR Area Radiation Monitoring
3. AV Auxiliary Building Vent System (Pump Room Ventilation)
4. CC Component Cooling
5. CI Containment Isolation Valve System*
6. CS Containment Spray
7. CV Cribhouse Ventilation System
8. DC 125 V DC Power Supply System
9. DG Diesel Generators/DG Power Supply
10. DO Diesel Oil
11. FW Steam Generator Feedwater & Auxiliary Feedwater
12. IP Vital Instrument Power Supply
13. IW Isolation Valve Seal Water
14. MS Main Steam Ahead of Isolation Valve
15. OV Aux. Elec. Equip. Room HVAC
16. PP Penetration Pressurization
17. PR Post-Accident Sampling & Monitoring
18. PV Control Room Ventilation
19. RC Reactor Coolant
20. RH Residual Heat Removal

* Includes components in various systems performing the containment isolation function.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Environmental Zone	Area	Environmental Conditions	Temperature (°F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
A1	Control Rm., Aux. Elec. Equip. Rms.	Normal	74-76	FSAR, Pg. 9.10-43	40-5	FSAR Section, Pg. 9.10-13	Atm.	FSAR, Pg. 9.10-13	10 ³ (Cont. Rm.) 10 ⁴ (EE Rm.)	**
		LOCA	40-76		10-60	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	11		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A2	M-G Set Rm. (El. 612) Non-ESS Switchgear Rm. (El. 612) Battery Rm. (El. 592)	Normal	65-105	FSAR, Pg. 9.10-41	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	Turbine Building Functional Description	10 ⁴	**
		LOCA	N.C.	FSAR, Pg. 9.10-43	N.C.	FSAR, Pg. 9.10-43	N.C.	FSAR, Pg. 9.10-43		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A3	Essential Switchgear Rooms (El. 617)	Normal	65-105	FSAR, Pg. 9.10-41	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	Turbine Building Functional Description	10 ⁴	**
		LOCA	40-105	FSAR, Pg. 9.10-42	20-70	"	Atm.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		

POOR ORIGINAL

N.C. = Environmental Conditions not Controlled.
 N.A. = Not Applicable.
 *Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.
 **From Nylon/Braidwood calculations for the corresponding areas.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revised 3
July 23, 1980

Environmental Code	Area	Environmental Conditions	Temperature (°F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Minimum Integrated Exposure Reference
A1	Lower Cable Spreading Rooms, HVAC Equipment Room (Bl. 617)	Normal	80-85	Cooling Load Calculation	40±5	FSAR, Pg. 9.10-34	Atm.	OV Functional Description	10 ⁴	**
		LOCA	N.C.	FSAR, Pg. 9.10-36	N.C.	FSAR, Pg. 9.10-36	N.C.	FSAR, Pg. 9.10-36		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A5	Diesel-Generator Rooms, Diesel Oil Storage Rooms	Normal	65-115	FSAR, Pg. 9.10-41	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	Turbine Building Functional Description	10 ⁴	**
		LOCA	40-115	FSAR, Pg. 9.10-42	10-90	"	Atm.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A6	Laboratory, Counting Room, Rad. Offices, Hot Instr. Rm., Record Rm., Kitchen, Shift Foreman and Eng., Chem., and Rad. Office Toilet, Instr. Rm., Computer Rms., Work Rm.	Normal	74-76	FSAR, -Pg. 9.10-34	40±5	FSAR, Pg. 9.10-34	Atm.	OV Functional Description	10 ⁴	**
		LOCA	N.C.	FSAR, Pg. 9.10-36	N.C.	FSAR, Pg. 9.10-36	N.C.	FSAR, Pg. 9.10-36		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		

POOR ORIGINAL

N.C. = Environmental Conditions not Controlled.
N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

**From Byron/Braidwood calculations for the corresponding areas.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1989

Environmental Zone	Area	Environmental Conditions	Temperature (°F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Max. Int. Exposure (Rad)	Maximum Integrated Exposure Reference	
A7	El. 542, El. 560, El. 630, El. 642, Aux. Bldg. General (Accessible) Areas and Fuel Handling Bldg. (except as noted), Laundry Room, and Electrical Penetration Areas (El. 617 & 630)	Normal	65-105	FSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	FSAR, Pg. 9.10-5	10 ¹	***	
		LOCA	40-115	"	10-90	"	Atm.	"			
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
		Normal	65-105	FSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	FSAR, Pg. 9.10-5	10 ⁴	***	
A6	El. 579, Aux. Building (Accessible Areas)	LOCA	40-115	"	10-90	"	Atm.	"			
		Line Break	330 (1 hr. Duration)	FSAR Question 10.16 Pg. 10.16-2	100 (1 hr. Duration)	FSAR Question 16.16 Pg. 16.16-2	Unknown				
		Normal	65-105	FSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	FSAR, Pg. 9.10-5	10 ¹⁰ **	***	
		LOCA	40-115	"	10-90	"	Atm.	"			
A7	El. 592, Aux. Building (Accessible Areas)	Normal	330 (1 hr. Duration)	FSAR Question 10.16 Pg. 10.16-1	100 (1 hr. Duration)	FSAR Question 16.16-1	Unknown				
		Line Break	330 (1 hr. Duration)	FSAR Question 10.16 Pg. 10.16-1	100 (1 hr. Duration)	FSAR Question 16.16-1	Unknown				

POOR ORIGINAL

N.C. = Environmental Conditions not Controlled.

N.A. = Not Applicable.

**Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

***Integrated radiation exposure is 2×10^8 rads for that equipment in contact with Post-LOCA air drawn from the Containment.

***From Byron/Braidwood calculations for the corresponding areas.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1980

Environmental type	Area	Environmental Conditions	Temperature (°F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
A10	Sea Water Heat Exchanger Rooms, Letdown Heat Exchanger Rooms, Volume Control Tank Rooms	Normal	65-115	PSAR Section 9.10 Pg. 1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR, Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-125	"	10-90	"	Atm.	"		
		Line Break	330 (1 hr. Duration)	PSAR Question 10.16 Pg. 10.16-1	100 (1 hr. Duration)	PSAR Question 10.16 Pg. 10.16-1	Unknown			
A11	Equipment Coll. Drain Tank & Pumps (El. 542), Gas Decay Tank Rooms	Normal	65-120	PSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR, Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-130	"	10-90	"	Atm.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A12	El. 579 Pipe Tunnels & Pene. Areas, El. 579 Filters, Anion and Cation Demin. Tanks, El. 542 Pipe Tunnels, Aux. Bldg., Mixed Bed Demin. Tanks and Filters, Waste Evap. Tanks & Pumps, Hold-Up Tank Rooms (El. 542 and 579)	Normal	65-120	PSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR, Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-130	"	10-90	"	Atm.	"		
		Line Break	282 (1 hr. Duration)	PSAR Question 10.16 Pg. 10.16-2	100 (1 hr. Duration)	PSAR Question 10.16 Pg. 10.16-2	Unknown			

POOR ORIGINAL

N.C. = Environmental Conditions not Controlled.
N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

**Integrated radiation exposure is 2 x 10⁸ rads for that equipment in contact with Post-LOCA air drawn from the Containment.

***From Byron/Braidwood calculations for the corresponding areas.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1980

POOR ORIGINAL

Environmental Zone	Area	Environmental Conditions	Temperature (*F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
A13	El. 560 and 562 Aux. Bldg. Cubicles (with coolers), Cont. Spray Pump Rms., RHR Pump Rms., Safety Injection Pump Rms., Cavity Fill Pumps	Normal	65-105	PSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR, Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-105	"	20-70	"	Atm.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A14	Centrifugal Charging Pump Rooms	Normal	65-105	PSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR, Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-105	"	20-70	"	Atm.	"		
		Line Break	282 (1 hr. Duration)	PSAR Question 10.16 Pg. 10.16-2	100 (1 hr. Duration)	PSAR Question 10.16 Pg. 10.16-2	Unknown			
A15	RHR Et. Exch., Waste Gas Comp., Aux. Bldg. Flr. 5 Equip. Drain Anal. Tanks & Pumps, Boric Evap. Feed Pumps, Aux. Bldg., Equip. Drain Tank & Pumps, Solid Rad. Drum Storage	Normal	65-105	PSAR, Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR, Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-115	"	10-90	"	Atm.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		

N.C. = Environmental Conditions not Controlled.
N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

**Integrated radiation exposure is 2 x 10⁰ rads for that equipment in contact with Post-LOCA air drawn from the Containment.

***From Byron/Braidwood calculations for the corresponding areas.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1980

Environmental zone	Area	Environmental Conditions	Temperature (°F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
A16	ESP Battery Room	Normal	74-76	PSAR Section Pg. 9.10-34	40±5	PSAR, Pg. 9.10-34	Atm.	OV Functional Description	10 ⁴	***
		LOCA	N.C.	PSAR, Pg. 9.10-36	N.C.	PSAR Section Pg. 9.10-36	N.C.	PSAR Section Pg. 9.10-36		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A17	Purge Valve Enclosure	Normal	40-120	Heating Calc.	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.		1 x 10 ⁴ ***	***
		LOCA	N.C.		N.C.		N.C.			
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
A18	Boric Acid Evap., Radwaste Evap. H Drum Fill Area El. 592'-0"	Normal	65-105	PSAR Section Pg. 9.10-1	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	PSAR Section Pg. 9.10-5	2 x 10 ⁷ **	***
		LOCA	40-115	PSAR Section Pg. 9.10-1	10-90		Atm.	"		
		Line Break	330	PSAR Question 10.16, Pg. 10.16-2	100	PSAR Question 10.16 Page 10.16-2	Unknown			

N.C. = Environmental Conditions not Controlled.

N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

**Integrated radiation exposure is 2 x 10⁸ rads for that equipment in contact with Post-LOCA air drawn from the Containment.

***From Byron/Braidwood calculations for the corresponding areas.

POOR ORIGINAL

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1980

Environmental Zone	Area	Environmental Conditions	Temperature (*F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
C1	Containment	Normal	65-120	FSAR, Pg. 9.10-19	10-50	FSAR, Pg. 6.3-1	14.7, -0.1, +0.3	FSAR Section Pg. 9.10-20	See Figure 1 (Att)	***
		LOCA	See Fig. 6.3-2 (Attached)	FSAR Section 6 Figure 6.3-2	100%	FSAR, Pg. 6.3-1	See Fig. 6.3-1 (Attached)	FSAR Section 6 Figure 6.3-1		
		Line Break	"	"	100%	"	"	"		
T1	Turbine Building	Normal	65-105	Turbine Bldg. Functional Description	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	Turbine Bldg. Functional Description	10 ⁴	**
		LOCA	N.C.	"	N.C.	Turbine Bldg. Functional Description	N.C.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
T2	Upper Safety Valve Room	Normal	65-120	RV Functional Description	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	RV Functional Description	2 x 10 ⁷	**
		LOCA	N.C.	"	N.C.	RV Functional Description	N.C.	"		
		Line Break	550	**	100	FSAR Question 10.10 Pg. 10.10-40	40.7	FSAR Question 10.10 Pg. 10.10-45		

POOR ORIGINAL

N.C. = Environmental Conditions not Controlled.
N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

**From Byron/Braidwood calculations for the corresponding areas.

***The radiation exposure to equipment located inside the containment was calculated based on NUREC 0588 requirements.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1980

POOR ORIGINAL

Environmental zone	Area	Environmental Conditions	Temperature (°F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
T3	Lower Safety Valve Room	Normal	65-120	RV Functional Description	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	RV Functional Description	2×10^7	**
		LOCA	N.C.	"	N.C.	RV Functional Description	N.C.	"		
		Line Break	550	**	100	FSAR Question 10.10 Pg. 10.10-40	63.7	FSAR Question 10.10 Pg. 10.10-45		
14	Main Steam and Feedwater Pipe Tunnel	Normal	65-120	RV Functional Description	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	RV Functional Description	2×10^7	**
		LOCA	N.C.	"	N.C.	RV Functional Description	N.C.	"		
		Line Break	375	**	100	FSAR Question 10.10 Pg. 10.10-40	43.7	FSAR Question 10.10 Pg. 10.10-45		
T5	Tendon Tunnel	Normal	40-120	RV Functional Description	10-100	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	RV Functional Description	1×10^4	**
		LOCA	N.C.	"	N.C.	RV Functional Description	N.C.	"		
		Line Break	250	**	100	FSAR Question 10.10 Pg. 10.10-40	35.7	FSAR Question 10.10 Pg. 10.10-45		

N.C. = Environmental Conditions not Controlled.
N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.

**From Byron/Braidwood calculations for the corresponding areas.

ZION
PLANT ENVIRONMENTAL CONDITIONS

Revision 3
July 23, 1980

Environmental zone	Area	Environmental Conditions	Temperature (*F)	Temperature Reference	Relative Humidity (%)	Relative Humidity Reference	Pressure in PSIA (Unless Noted Otherwise)	Pressure Reference	Maximum Integrated Exposure* (Rad)	Maximum Integrated Exposure Reference
P1	Essential Service Water Pump (Crib House)	Normal	65-105	FSAR Section Pg. 9.10-39	20-70	Based on ASHRAE Handbook of Fundamentals Climate Data	Atm.	Crib House Functional Description	1 x 10 ⁴	**
		LOCA	65-105	"	0-90	"	Atm.	"		
		Line Break	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		

POOR ORIGINAL

N.C. = Environmental Conditions not Controlled.
N.A. = Not Applicable.

*Integrated Radiation Dose: The estimated integrated radiation dose is the total dose based on a 40-year plant life plus the design basis accident dose for safety-related equipment.
**From Byron/Braidwood calculations for the corresponding areas.

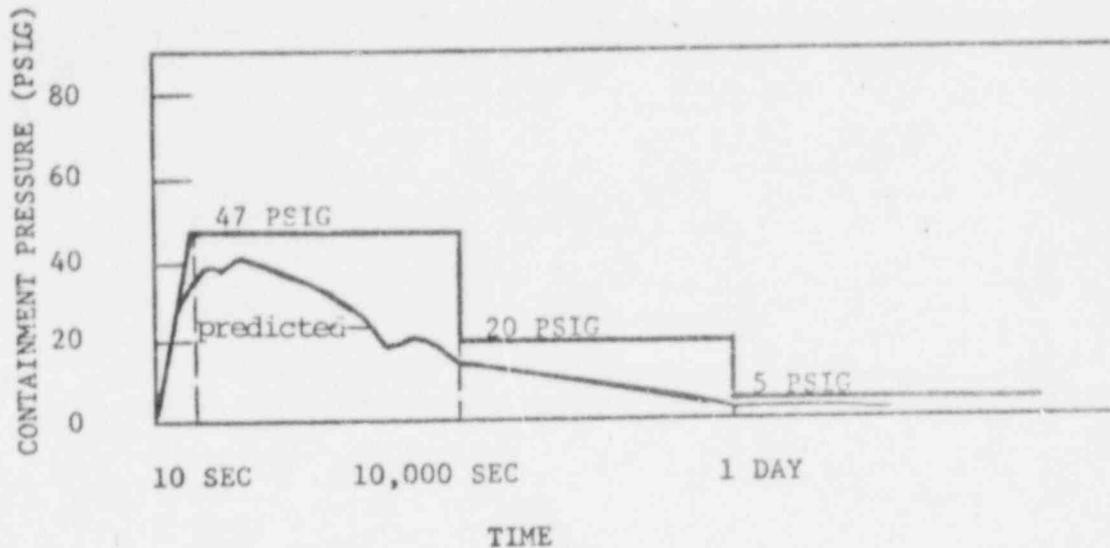


Figure 6.3-1 Post Accident Environmental Conditions for Equipment Design: Pressure versus Time (See Note below)

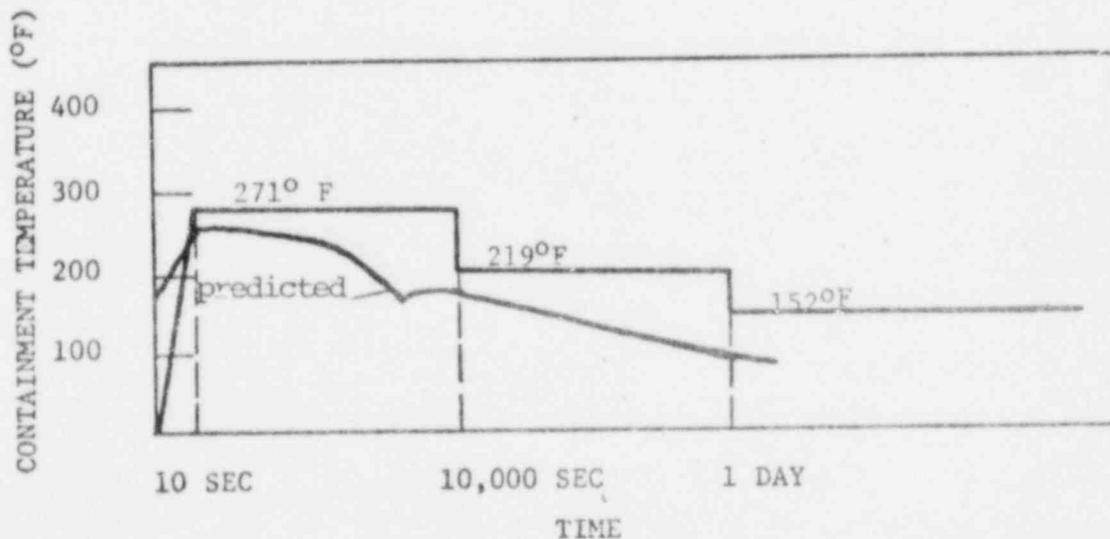
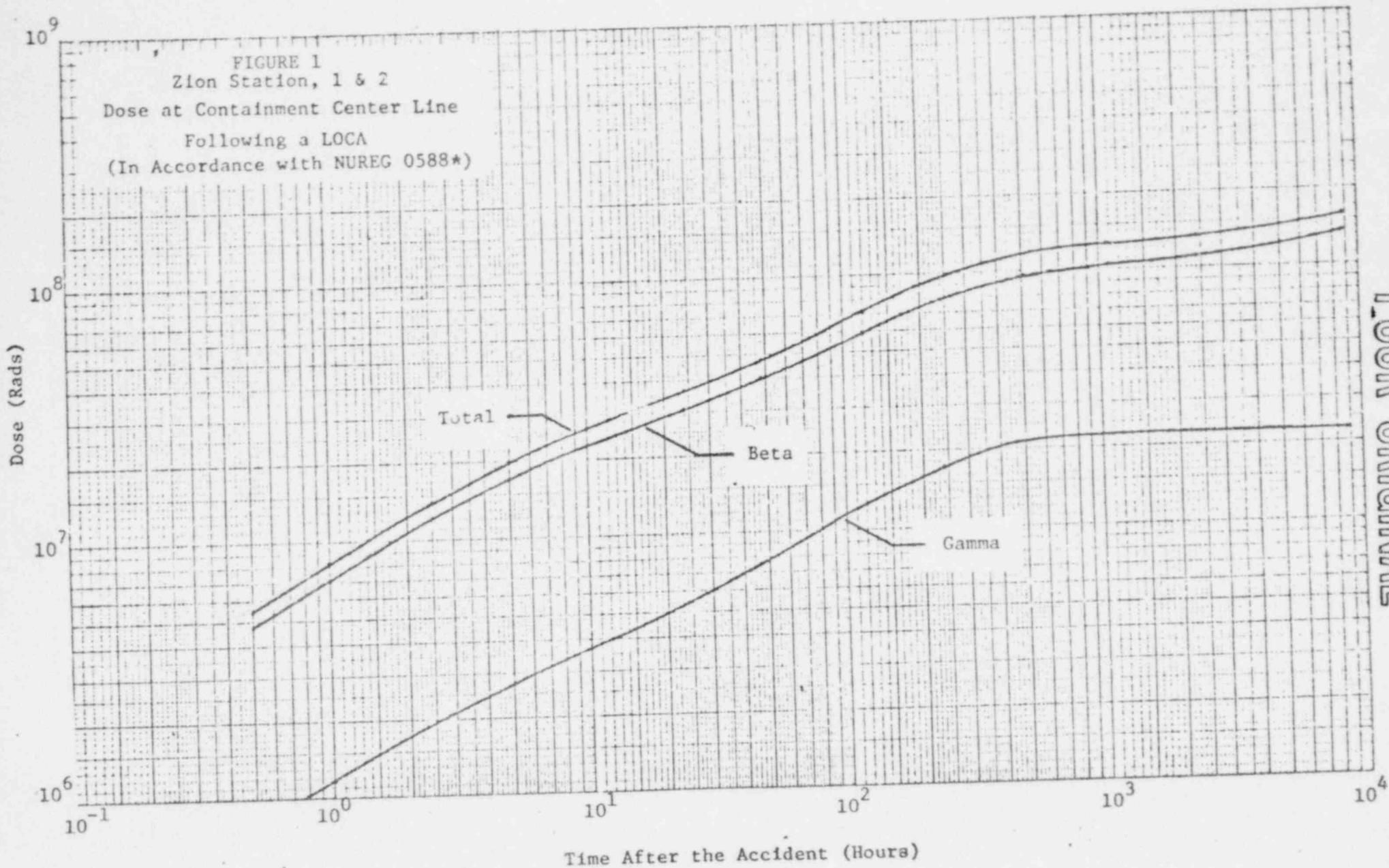


Figure 6.3-2 Post Accident Environmental Conditions for Equipment Design: Temperature versus Time (See Note below)

NOTE: The predicted containment pressure and temperature response curves superimposed in Figures 6.3-1 and 6.3-2 are obtained from Chapter 14 of Zion FSAR for the complete blowdown of the reactor coolant through any rupture of the reactor coolant system up to and including the hypothetical double end severance of a reactor coolant pipe.

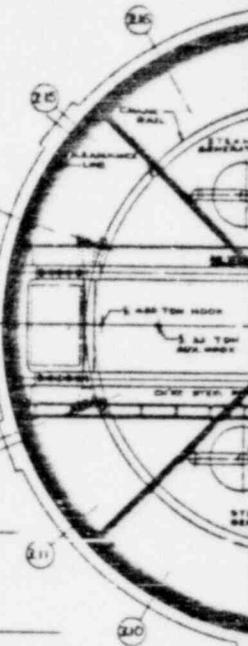
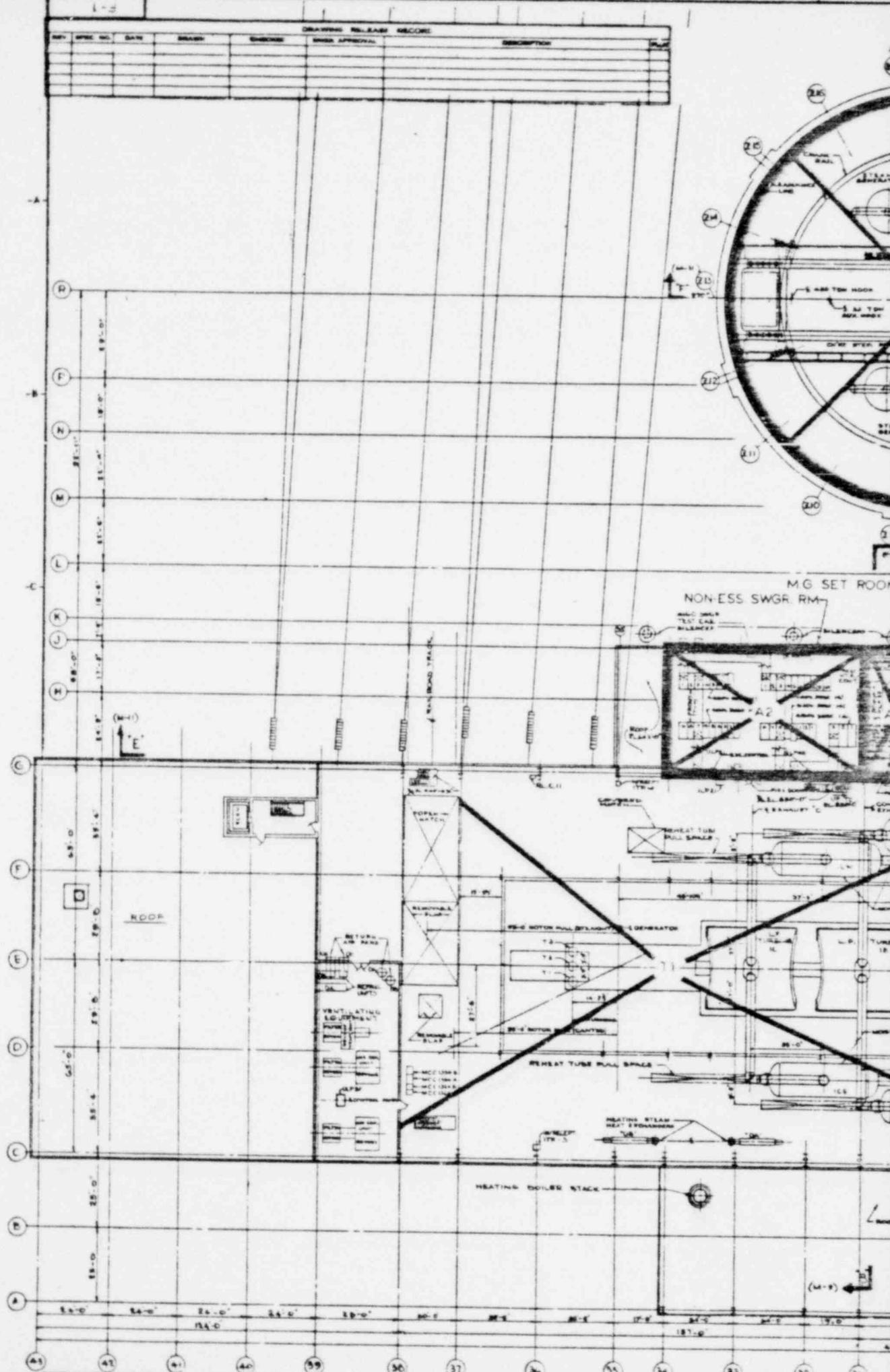
The design pressure (47 psig) and temperature (271°F) of the containment are in excess of the peak pressure (42 psig) and temperature (263°F) predicted from the Safety Analysis (Chapter 14 of Zion FSAR).



POOR ORIGINAL

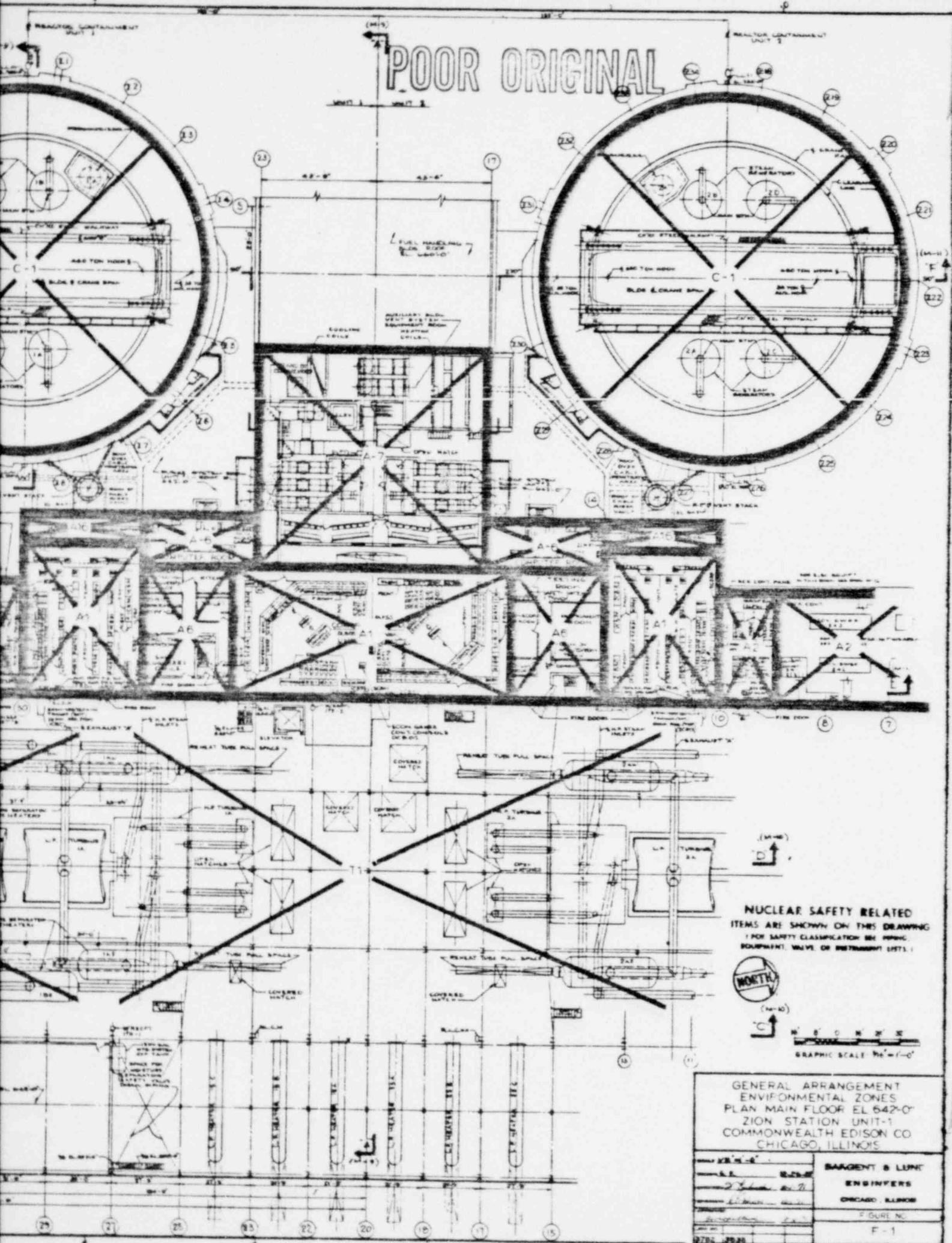
*NUREG 0588, Draft for Comment, Published December, 1979

DRAWING RELEASE RECORD					
NO.	SPEC. NO.	DATE	REASON	WHICH APPROVAL	DESCRIPTION



POOR ORIGINAL

POOR ORIGINAL



NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
FOR SAFETY CLASSIFICATION SEE PIPING
EQUIPMENT, VALVE OR INSTRUMENT LIST.



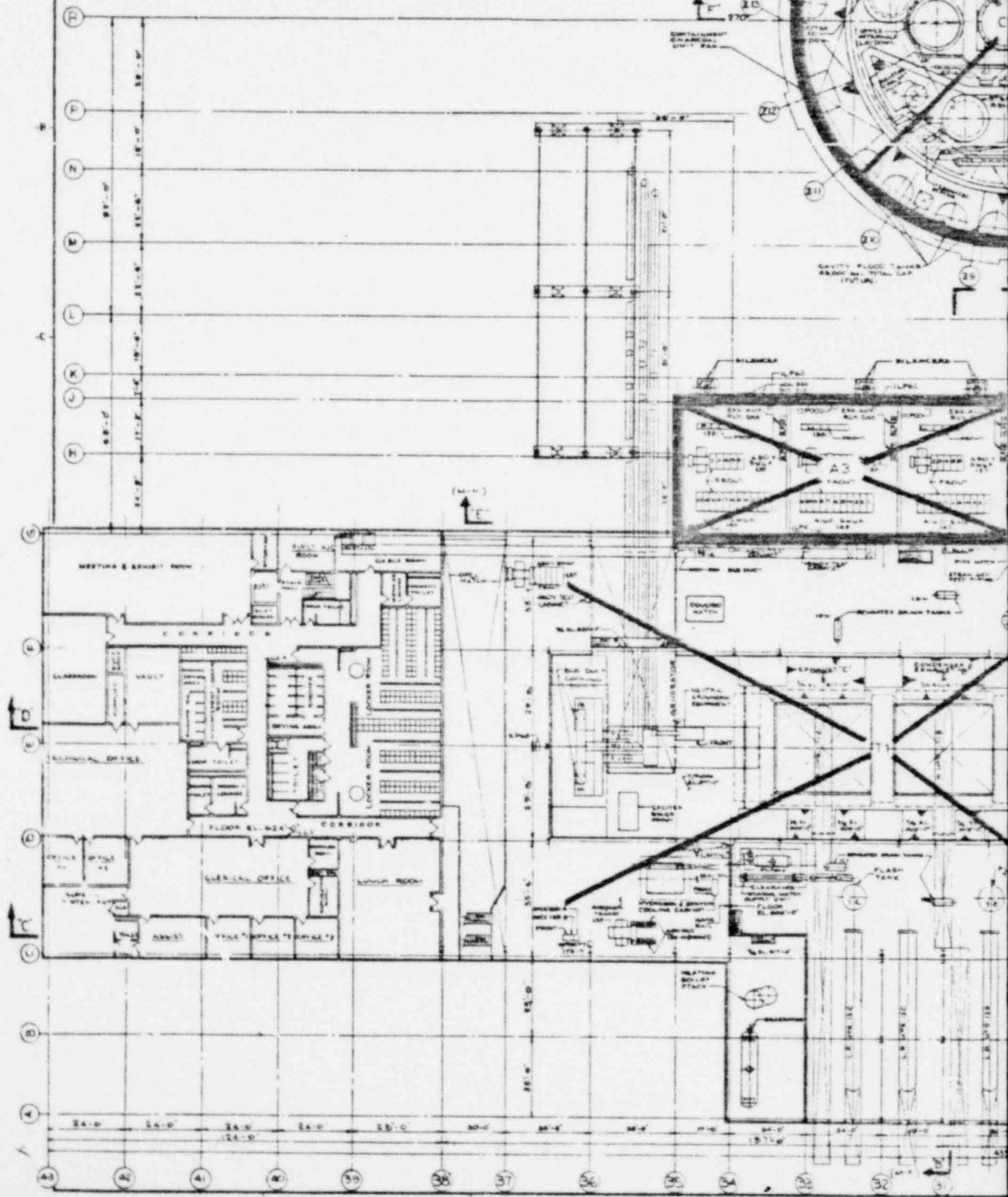
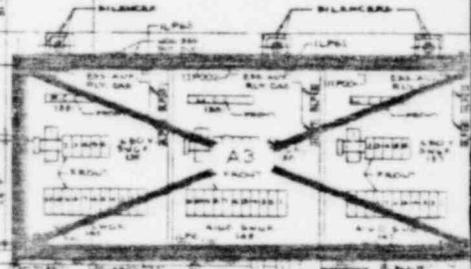
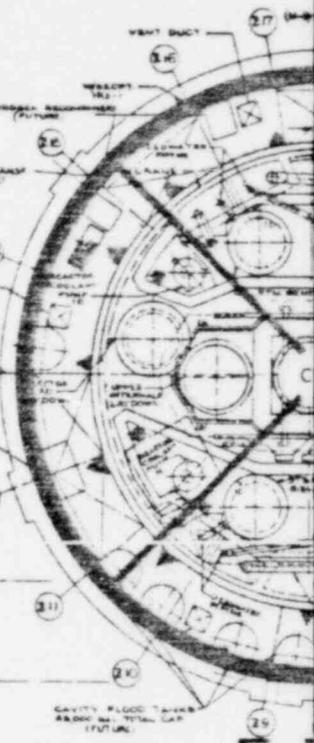
GENERAL ARRANGEMENT
ENVIRONMENTAL ZONES
PLAN MAIN FLOOR EL 642'-0"
ZION STATION UNIT-1
COMMONWEALTH EDISON CO
CHICAGO, ILLINOIS

DATE	BY	REVISION	BARGENT & LYNN ENGINEERS CHICAGO, ILLINOIS
			FIGURE NO.
			F-1

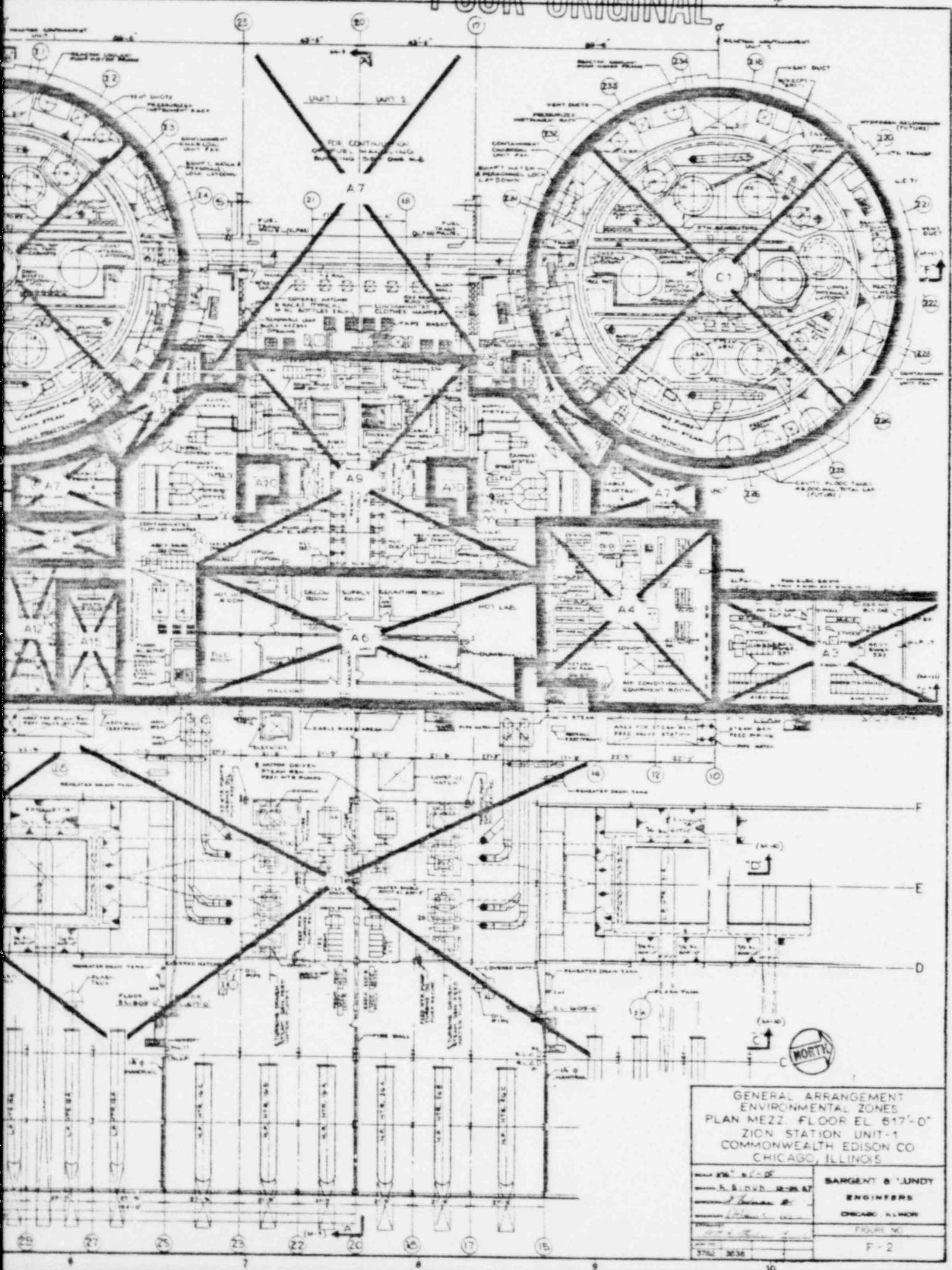
REV.	DATE	BY	CHECKED	DESIGNER	REVISIONS	DESCRIPTION

NUCLEAR SAFETY RELATED
 ITEMS ARE SHOWN ON THIS DRAWING
 FOR SAFETY CLASSIFICATION SEE Piping
 EQUIPMENT, VALVES, OR INSTRUMENT LIST(S)

POOR ORIGINAL



POOR ORIGINAL



GENERAL ARRANGEMENT
 ENVIRONMENTAL ZONES
 PLAN MEZZ. FLOOR EL 617'-0"
 ZION STATION UNIT-1
 COMMONWEALTH EDISON CO
 CHICAGO, ILLINOIS

BY: R. S. BLODGETT
 CHECKED: J. H. BLODGETT
 DATE: 1/21/38

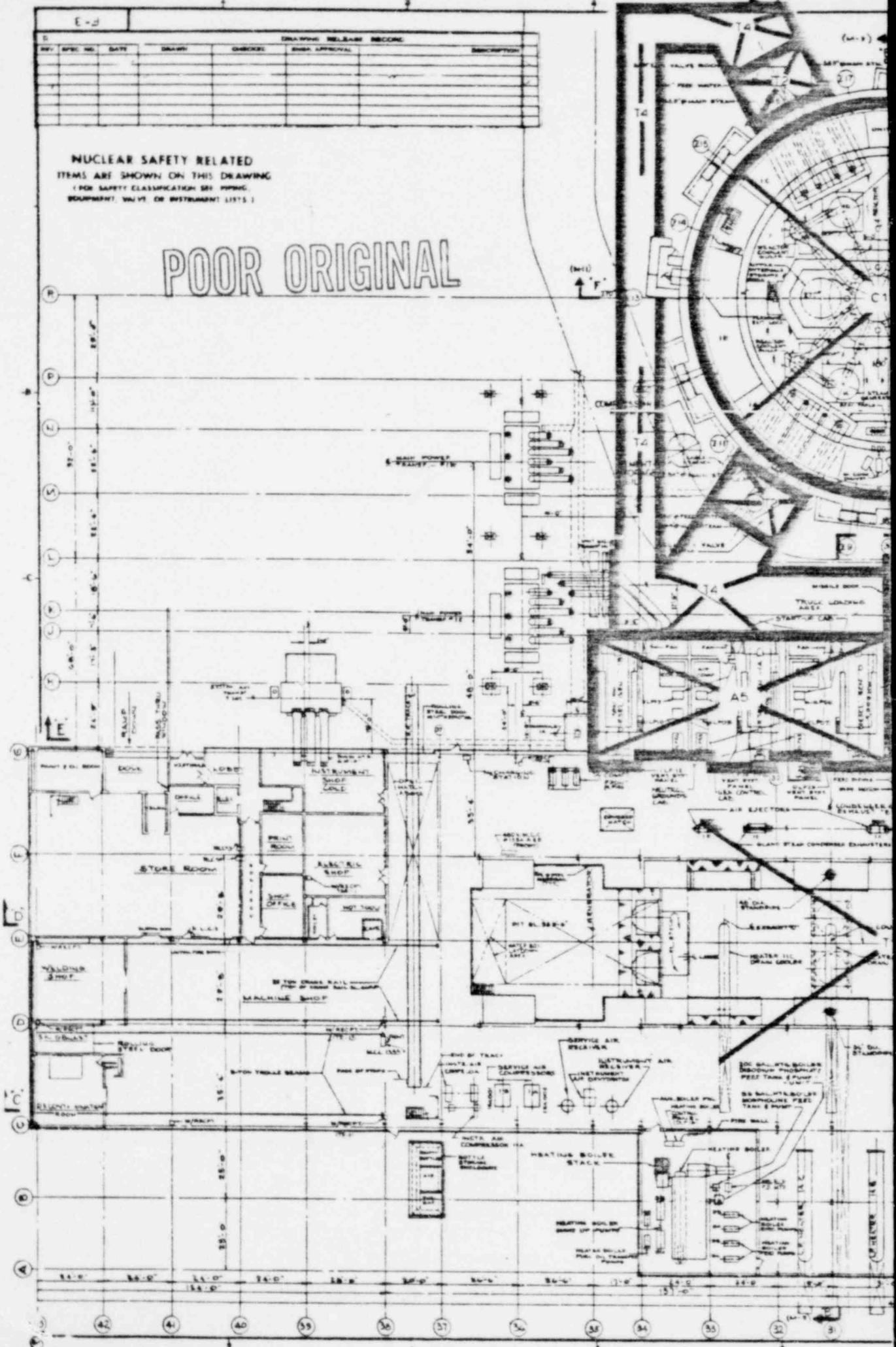
SARGENT & LUNDY
 ENGINEERS
 CHICAGO, ILLINOIS

FIGURE NO.
 F-2

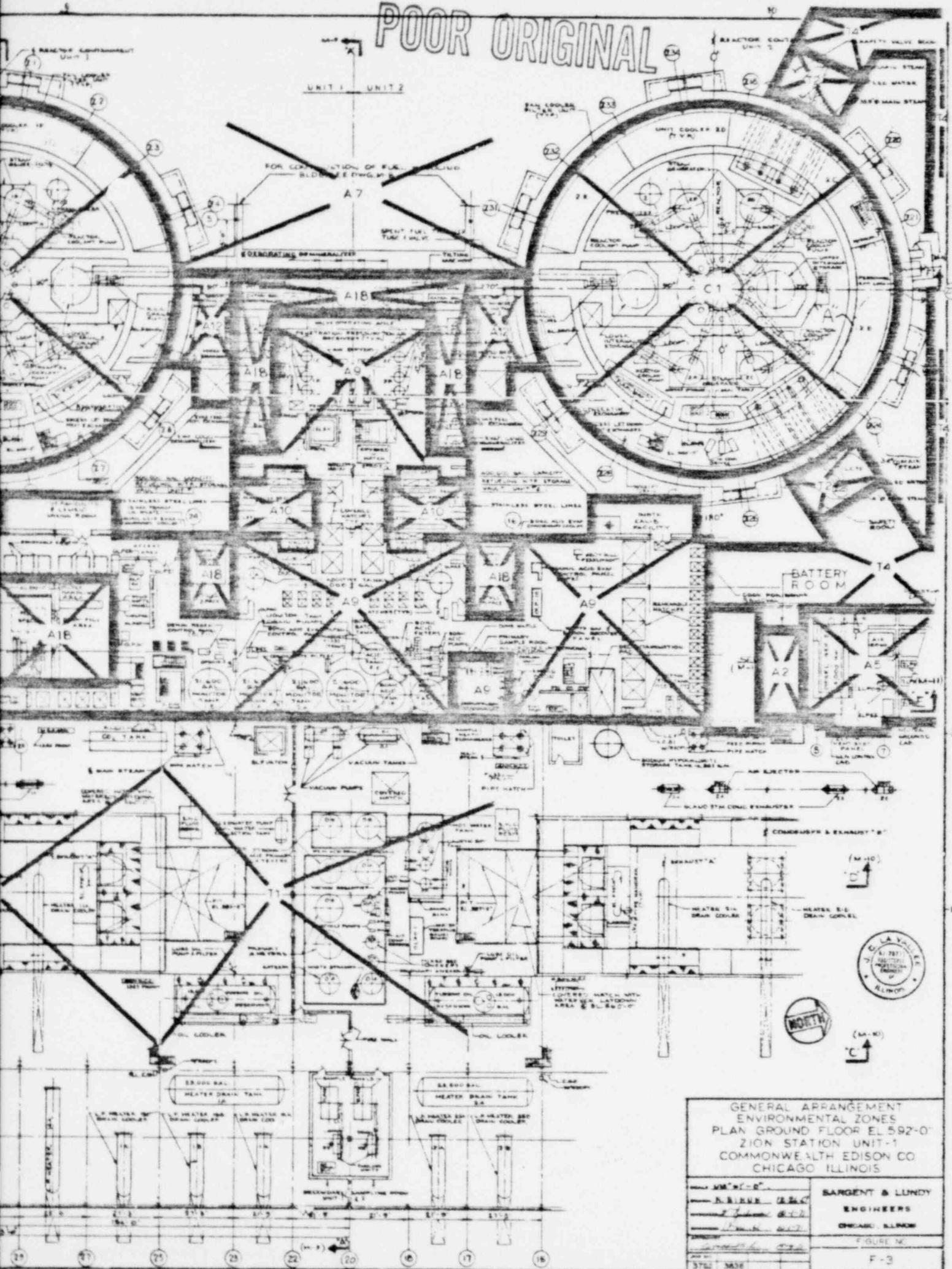
DRAWING RELEASE RECORD					
REV.	SPEC. NO.	DATE	DRAWN	CHECKED	APPROVAL

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
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BOUQUANT, VALVE OR INSTRUMENT LISTS)

POOR ORIGINAL

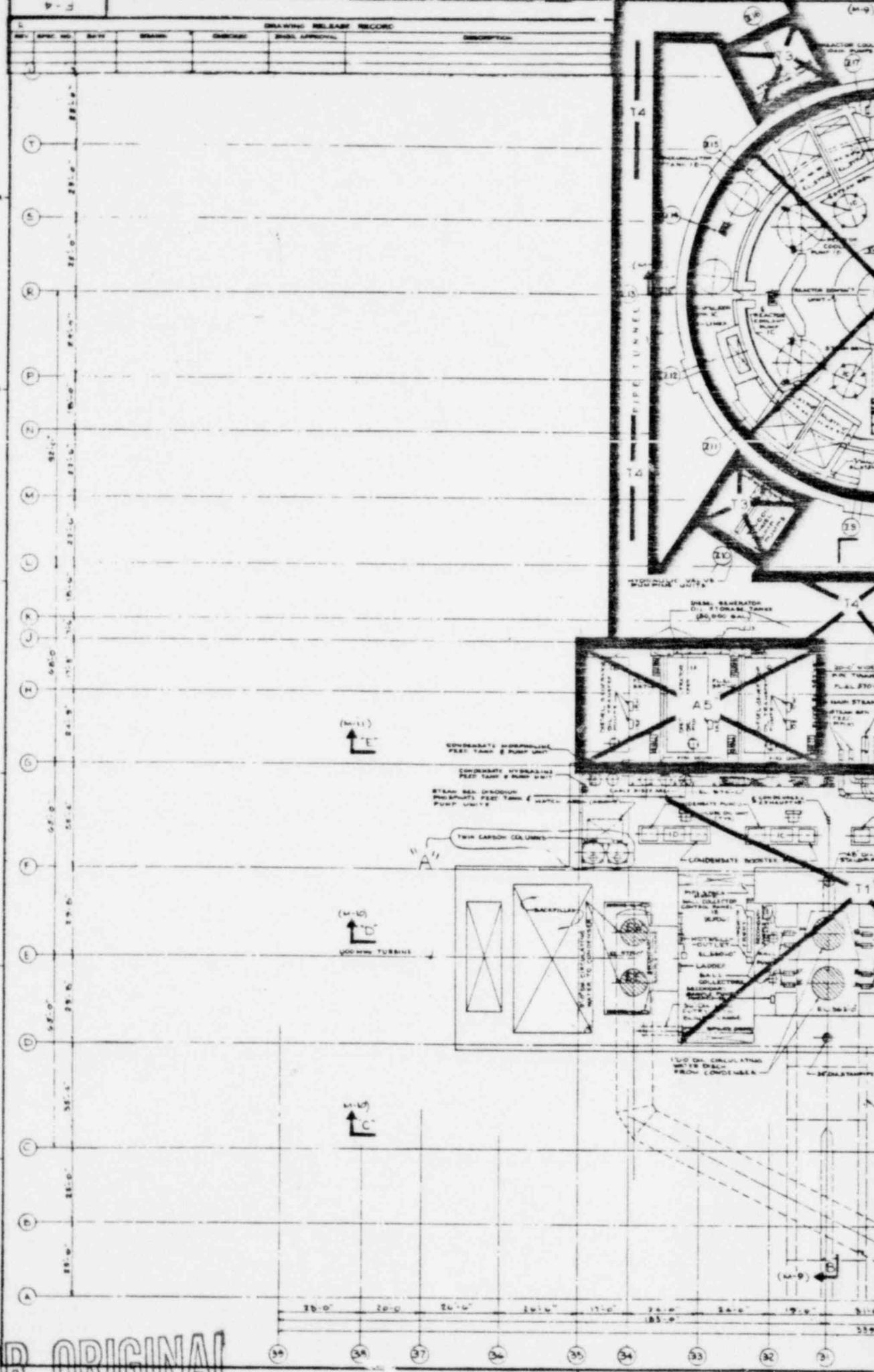


POOR ORIGINAL

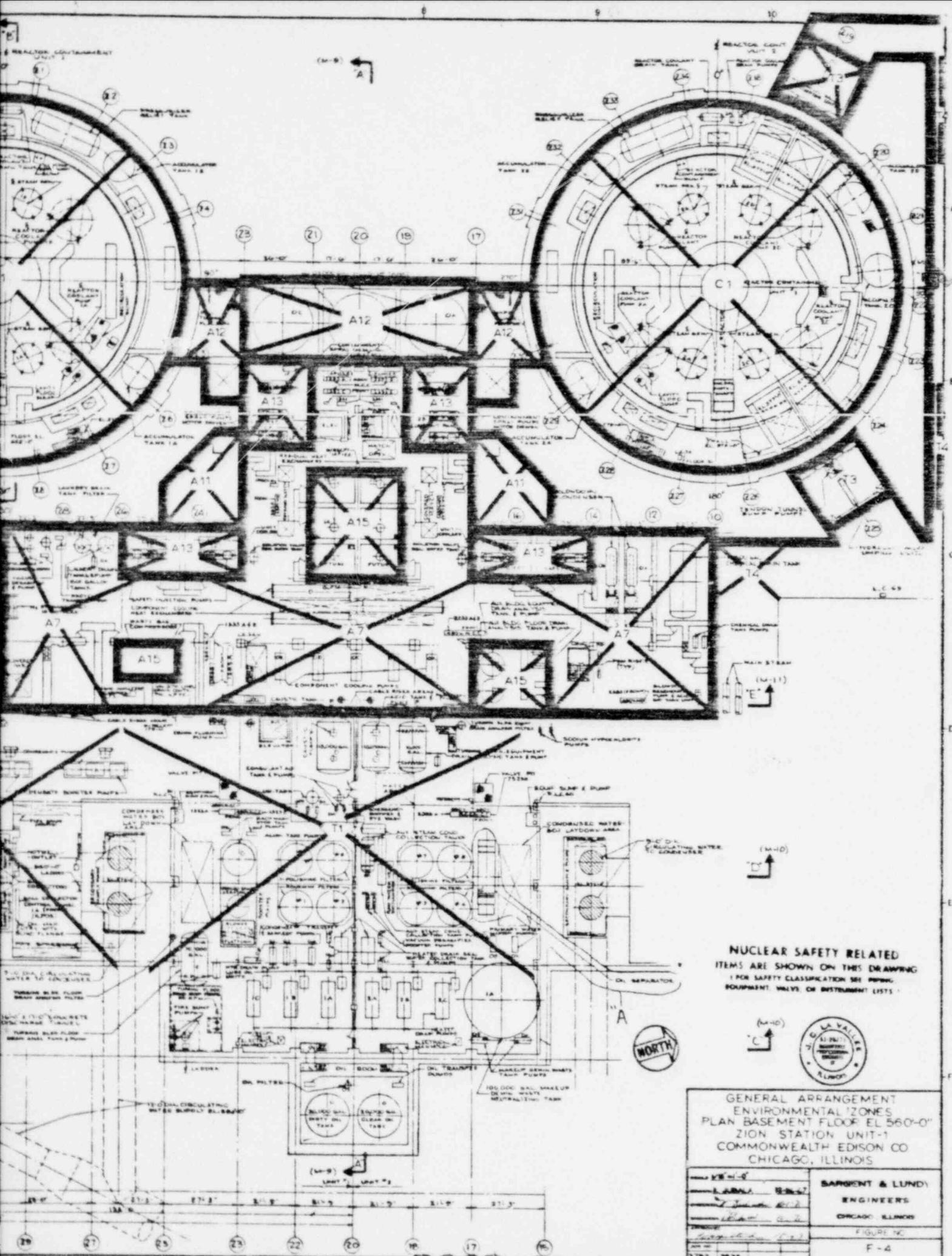


GENERAL ARRANGEMENT
 ENVIRONMENTAL ZONES
 PLAN GROUND FLOOR EL 592'-0"
 ZION STATION UNIT-1
 COMMONWEALTH EDISON CO
 CHICAGO ILLINOIS

DRAWN BY CHECKED BY APPROVED BY DATE	SARGENT & LUNDY ENGINEERS CHICAGO ILLINOIS FIGURE NO. F-3
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POOR ORIGINAL

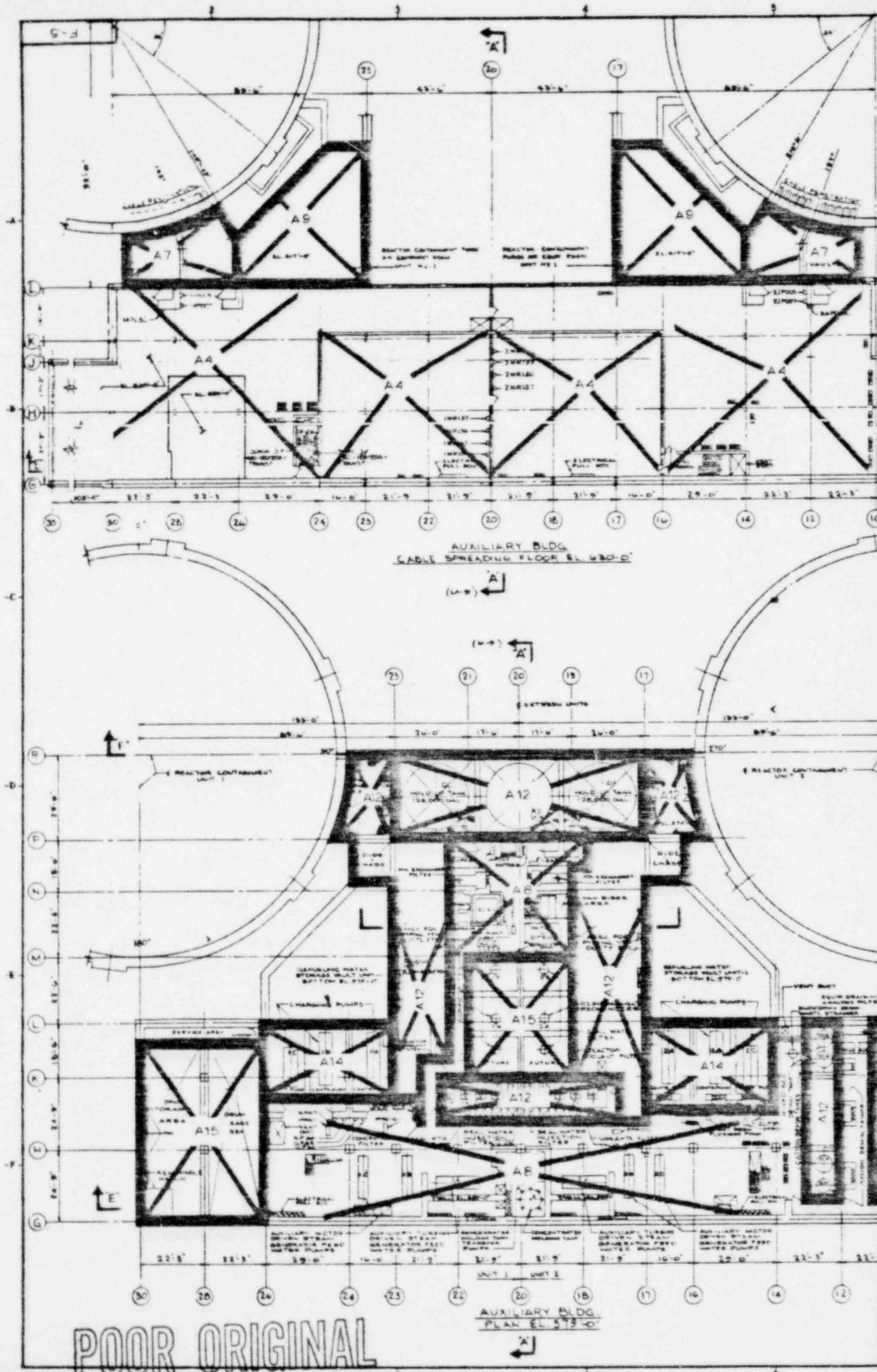


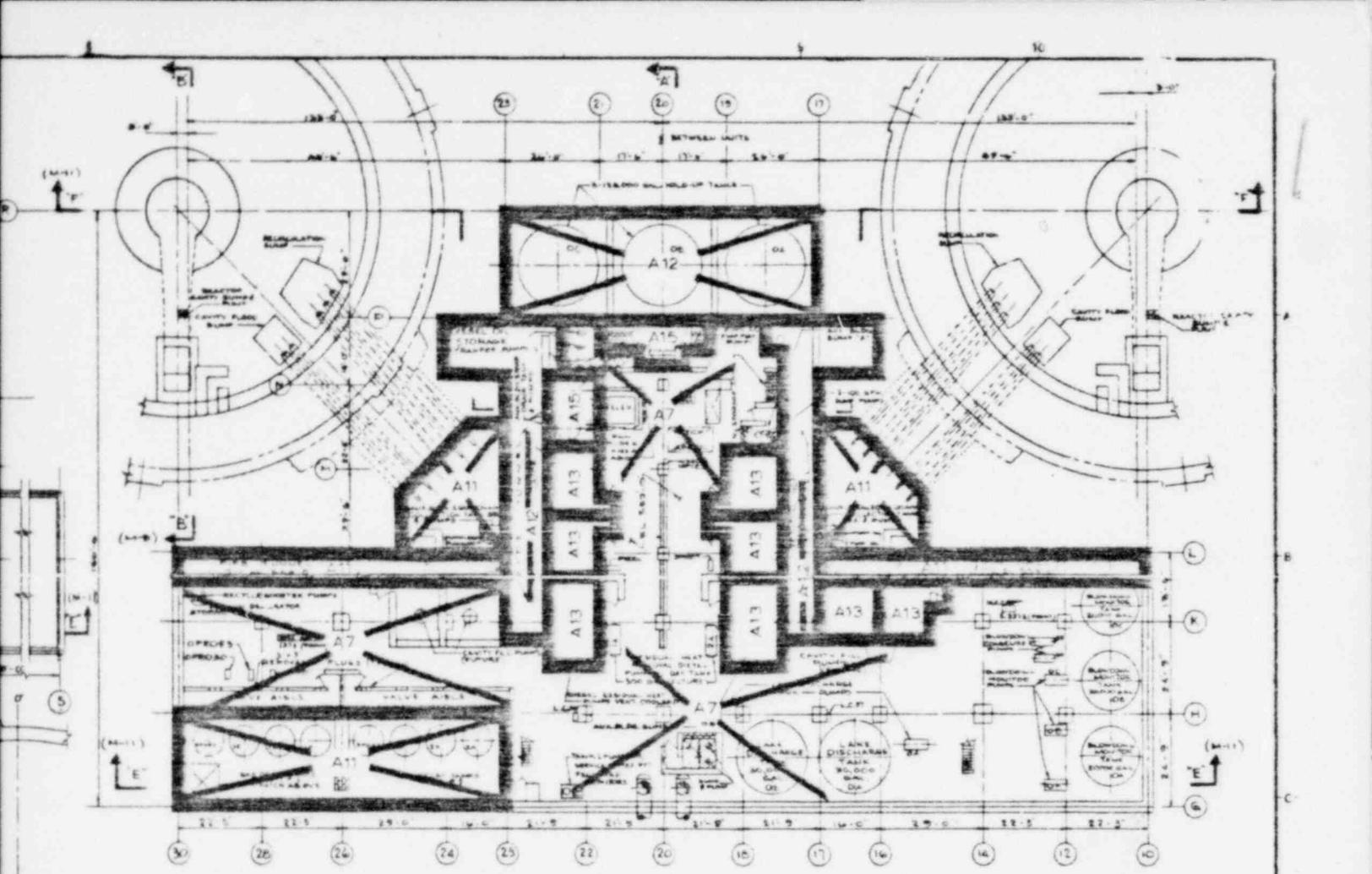
NUCLEAR SAFETY RELATED
 ITEMS ARE SHOWN ON THIS DRAWING
 FOR SAFETY CLASSIFICATION SEE Piping
 EQUIPMENT, VALVES, OR INSTRUMENT LISTS.



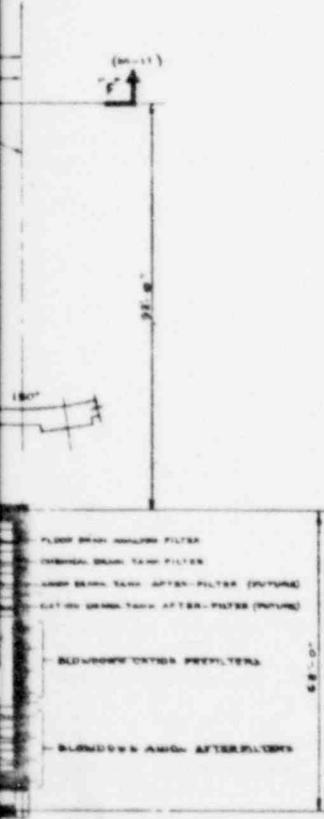
GENERAL ARRANGEMENT ENVIRONMENTAL ZONES PLAN BASEMENT FLOOR UNIT EL 560'-0" ZION STATION UNIT-1 COMMONWEALTH EDISON CO CHICAGO, ILLINOIS	
DATE: 12-15-67 DRAWN BY: J. J. ... CHECKED BY: ... PROJECT: ... SHEET: 2828	SARGENT & LUNDY ENGINEERS CHICAGO, ILLINOIS FIGURE NO. F-4

POOR ORIGINAL





AUXILIARY BLDG.
PLAN E-212-C

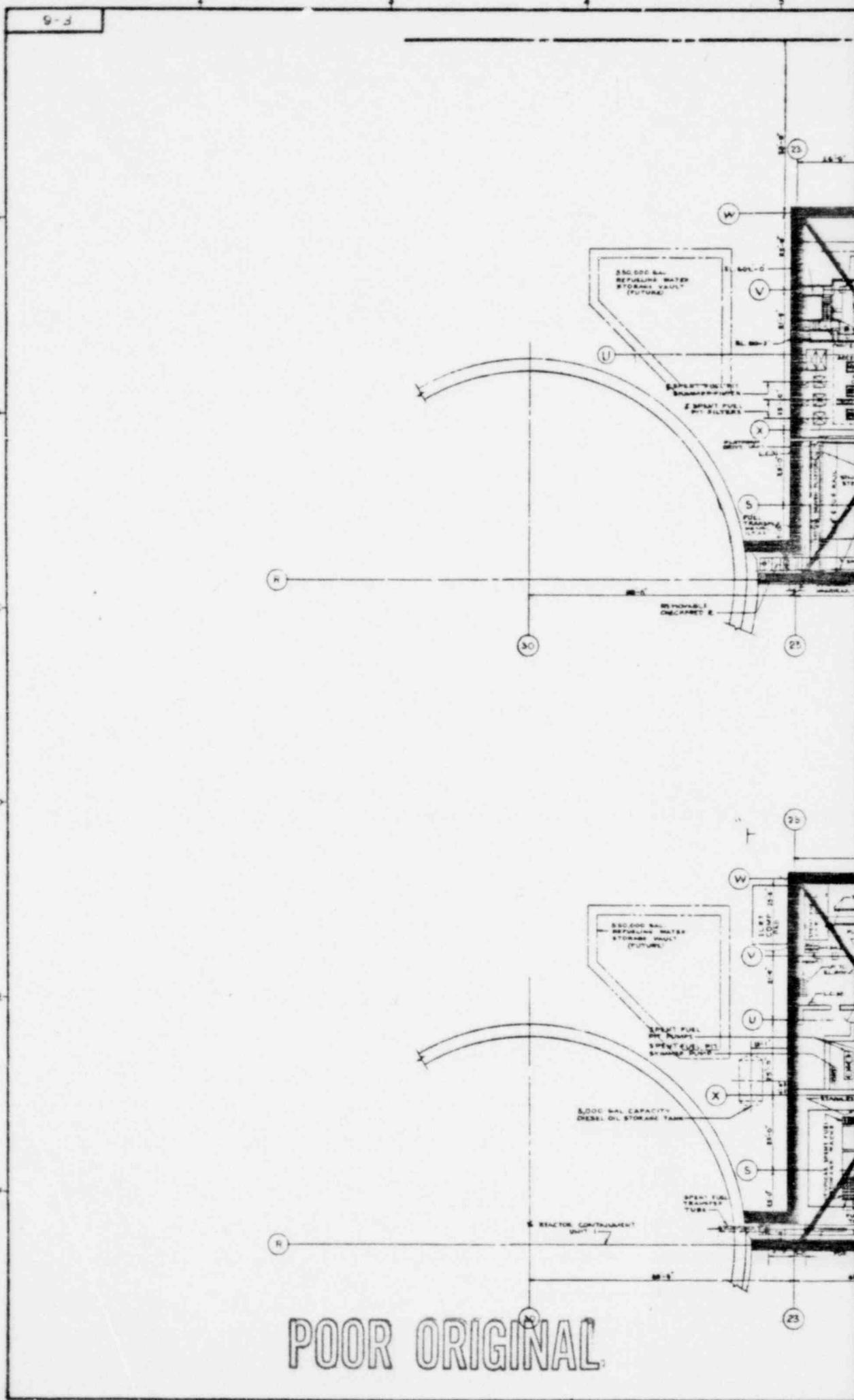


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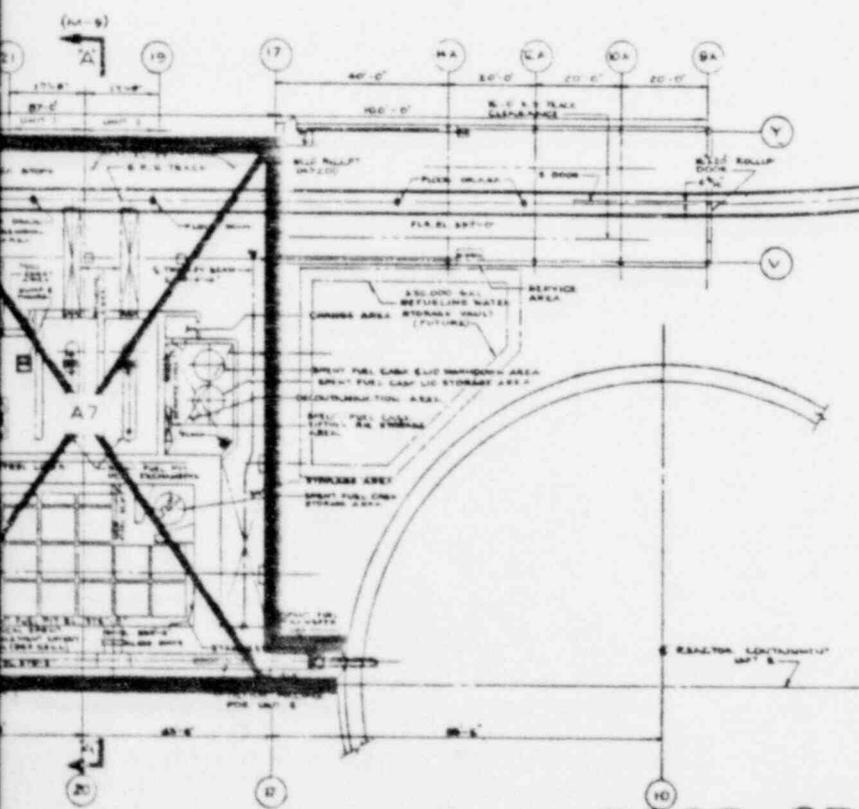
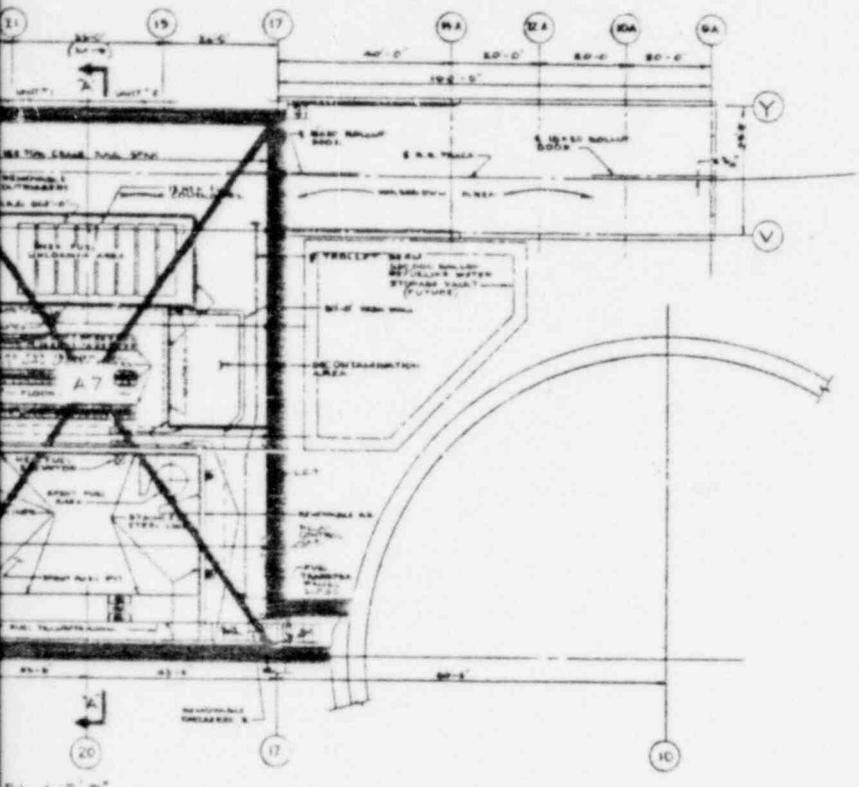
POOR ORIGINAL

GENERAL ARRANGEMENT ENVIRONMENTAL ZONES PLAN MISC FLOORS ZION STATION UNITS-1&2 COMMONWEALTH EDISON CO CHICAGO, ILLINOIS	
DRAWN BY: R. BLANK CHECKED BY: J. J. ... DATE: 3/7/58	SARGENT & LUNDY ENGINEERS CHICAGO, ILLINOIS FIGURE NO. F-5

DRAWING RELEASE RECORD				
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POOR ORIGINAL



DESIGNED	REVIEWED
CHECKED	APPROVED
DRAWN	DATE
SCALE	
SHEET NO.	
TOTAL SHEETS	

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE PIPING
EQUIPMENT VALVE OR INSTRUMENT LISTS)

GENERAL ARRANGEMENT
ENVIRONMENTAL ZONES
FUEL HANDLING BUILDING
ZION STATION UNITS-1&2
COMMONWEALTH EDISON CO
CHICAGO, ILLINOIS

DATE	2/15/66
SCALE	AS SHOWN
PROJECT	ZION STATION UNITS 1&2
NO.	3782-3630

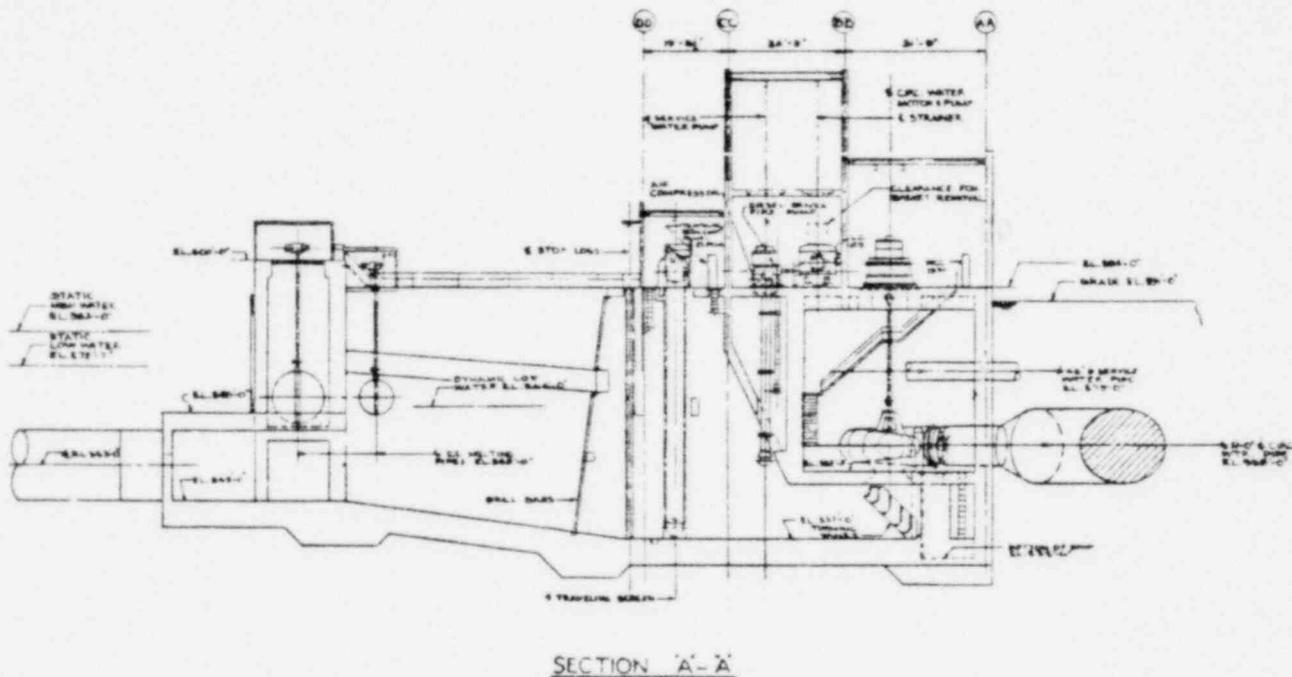
SARGENT & LORDY
CHICAGO

FIGURE NO.
F-6

POOR ORIGINAL

RELAYING
FLASHER

RIGHT
SIDE
SECTION



POOR ORIGINAL

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
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EQUIPMENT VALVE OR INSTRUMENT LISTS)

GENERAL ARRANGEMENT
ENVIRONMENTAL ZONES
CRIE HOUSE
ZION STATION UNITS-1&2
COMMONWEALTH EDISON CO.
CHICAGO, ILLINOIS

DRAWING RELEASE RECORD			
DATE	BY	REASON	DESCRIPTION



PROJECT: <i>W-1-0</i> DRAWN BY: <i>J. MATZ</i> CHECKED BY: <i>J. B. ...</i> DATE: <i>10/2/50</i> TITLE: <i>...</i>	BARRETT & LOWDY ENGINEERS CHICAGO, ILLINOIS FIGURE NO. F-7
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SARGENT & LUNDY
ENGINEERS
CHICAGO

FLOODED SAFETY-RELATED CONTAINMENT EQUIPMENT

The following flooded safety-related containment equipment is required to function after a design basis LOCA (applicable to Units 1 & 2 unless otherwise noted):

<u>SYSTEM</u>	<u>INSTRUMENT</u>
RC	IT-460
FW	LT-517
	LT-527
	LT-529
	LT-537
	LT-538
	LT-547
	LT-548 (Unit 1 only)
SI	PT-960
	PT-965
	PT-966
	PT-967
	FT-924 (Unit 2 only)
	FT-926

The above list of instruments will be sent to the field for verification of location. Sargent & Lundy will contact the manufacturers regarding available qualification data for submergence. In addition, the following justification for safe shutdown capability is provided:

RC LT-460 (Prz Level):

- a) It would have already performed its function on a LOCA before it would be submerged.
- b) There are two other totally redundant channels and a third cold col. channel.

FLOODED SAFETY-RELATED CONTAINMENT EQUIPMENT (continued)

FW LT-517, 527, 529, 537, 538, 547, 548 (Steam Gen. Level)

- a) They would have already performed their protective function prior to submergence.
- b) There are three narrow-range channels and one wide-range channel on each steam generator. In no case would more than two transmitters be submerged.

SI PT-960, 965, 966, 967 (Accum. Press.)

The transmitters are only used for indication and alarm to insure that the accumulators have the proper volume during operation should they be required if a LOCA were to occur.

SI FT-924, 926 (BIT Inj. flow)

Indication only. Verifies equal dispensation of flow to all four injection lines. There is a backup total flow indicator outside the containment (FT-934).

SARGENT & LUNDY
ENGINEERS
CHICAGO

SAFETY-RELATED COMPONENTS LOCATED IN
SAFETY VALVE ROOM OR STEAM TUNNEL

The components listed below are in the safety valve room (zones T2 and T3) or steam tunnel (zone T4). If the component must function after a main steam/feedwater line break in these areas to bring the plant to a cold shutdown condition, then justification for operation has been provided.

<u>Zone</u>	<u>System</u>	<u>Component</u>	<u>Justification</u>
T3	CI	AOV-BD0001 AOV-BD0002 AOV-BD0003 AOV-BD0004 AOV-BD0005 AOV-BD0006 AOV-BD0007 AOV-BD0008	Containment isolation not required after line break outside containment.
T4	FW	FT-0510, 0511 FT-0520, 0521 FT-0530, 0531 FT-0540, 0541	Short-term operation (seconds) only for reactor trip when low FW flow. Backup is aux. feedwater flow. Refer to Draft Interim TER, response to item 3.3.2.24.
T3	FW	PT-514, 515, 516 PT-524, 525, 526 PT-534, 535, 536 PT-544, 545, 546	Short-term operation (seconds) for MS line isolation. Refer to Draft Interim TER, response to item 3.3.2.23.
T3	MS	MOV-MS0005 MOV-MS0011	Not required.
T3	MS	MS016 MS017 MS018 MS019	Short-term operation (seconds) for MS line isolation. Refer to Draft Interim TER, response to item 3.3.3.36.
T2	MS	MOV-MS017 MOV-MS018 MOV-MS019 MOV-MS020	Not required to mitigate the consequences of an accident. Long-term operation required to achieve cold shutdown. Backup is steam dumps to condenser. Refer to Draft Interim TER, response to item 3.3.2.22.

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SAFETY-RELATED COMPONENTS LOCATED IN

SAFETY VALVE ROOM OR STEAM TUNNEL (continued)

<u>Zone</u>	<u>System</u>	<u>Component</u>	<u>Justification</u>
T3	MS	PS-MSS51 PS-MSS52 PS-MSS53 PS-MSS54	See MS016, MS017, MS018, MS019.
T2, T3	MS	Junction boxes	It is anticipated that the terminal blocks will operate for the time it takes for the MS isolation valves to close (approx. 10 seconds). Refer to Draft Interim TER, response to items on junction boxes.
T3	CI	Junction boxes	Not required.
T3	FW	MOV-FW0016 MOV-FW0017 MOV-FW0018 MOV-FW0019	Not required.

EQUIPMENT REQUIRED TO OPERATE AFTER HIGH ENERGY LINE BREAK
IN AUXILIARY BUILDING

Systems and components which must function after a high energy line break in the auxiliary building to bring the plant to a normal cold shutdown condition are as follows:

- I. Residual Heat Removal System
 - A. RHR Pumps
 - B. HIC606; HIC607 (RH-HCV606; RH-HCV607)
 - C. MOV-RH-FCV610 (FIC610A)
 - D. MOV-RH-FCV611 (FIC611A)
 - E. VC-HCV-128 (HIC-128)

- II. Component Cooling System
 - A. CC Pumps
 - B. MOV-CC9412A & B

- III. Service Water System
 - A. SW Pumps

- IV. Chemical and Volume Control System
 - A. Centrifugal Charging Pumps
 - B. FIC121A
 - C. FT121
 - D. VC-FCV0121 (charging flow control)
 - E. VC-HCV182 (HIC182)
 - F. MOV-VC-LCV112D & E (and controls to open valves)

- V. Steam Generator Feedwater System
 - A. Auxiliary Feedwater Pumps (motor-driven or turbine-driven)

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EQUIPMENT REQUIRED TO OPERATE AFTER HIGH ENERGY LINE BREAK
IN AUXILIARY BUILDING (continued)

Associated electrical components and instrumentation required to operate the equipment listed above are being identified and will be provided as part of this appendix at a later date.

Justification for safe shutdown capability will also be provided.

Reference: Zion FSAR Q10.10

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METHOD OF ISOLATION FOR HIGH ENERGY
LINE BREAKS IN THE AUXILIARY BUILDING

1. 6" MS line to auxiliary feedwater pumps

Isolation: MOV-MS0011 and MOV-MS0005

or

MOV-MS0006

2. 10" aux. steam line to boric acid and radwaste evaporators

Isolation: Automatic - MOV-AX0123 or OPCV-AX06

Manual - OAX0124 or OAX0125

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SAFETY-RELATED ELECTRICAL EQUIPMENT IDENTIFIED BY
TMI MODIFICATIONS

<u>Service</u>	<u>Plant ID No.</u>	<u>Manufacturer/Model</u>	<u>Status</u>
Containment Level	1LT-CS 48, 49 (narrow range)	Barton 764	In addition
	1LT-CS 46, 47 (wide range)	Barton 764	In addition
Containment Radiation	1RE-AR02, AR03 (detector)	General Atomic RD23	In addition
	1RI-AR02 (monitor)	General Atomic RP2C	In addition
	1RI-AR03 1RR-AR02, AR03	L&N	
R.C. Wide Range Pressure	1PT-403, 1PT-405	Barton 763	Replace
Safety Relief Valve	Acoustic monitoring		New
Containment Pressure	1PT-CS50, CS51 (wide range)	Barton 763	In addition
Reactor Level	1LT-1311, 1321 (narrow range)	Barton 764	New
	1LT-1312, 1322 (wide range)	Barton 764	New
Hydrogen Monitoring	1LP80, 81	Delphi 4	New

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- F. Systems and components which must function after a high energy line break in the auxiliary building. Method of isolation for these high energy line breaks. Justification for safe shut-down capability.
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Zone - Unit 2
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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP OEI-AP05	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		J/20 642'-0''	A 1 AUX		N/A		22E-1-4000C	N901
													FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 147
*	AP 1EI-AP48	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		J/20 642'-0''	A 1 AUX		N/A		22E-1-4000C	N901
													FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 148
*	AP 1EI-AP59	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		J/20 642'-0''	A 1 AUX		N/A		22E-1-4000C	N901
													FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 149
*	AP OEI-AP05A	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		G/20 642'-0''	A 1 AUX		N/A		22E-2-4000C	N901
													FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 247
*	AP OSI-AP03	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		J/20 642'-0''	A 1 AUX		N/A		22E-1-4000C	N902
													FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 0 FREQUENCY
*	AP 1SI-AP46	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		J/20 642'-0''	A 1 AUX		N/A		22E-1-4000C	N902
													FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 1A FREQUENCY
*	AP 1SI-AP47	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		J/20 642'-0''	A 1 AUX		N/A		22E-1-4000C	N902
													FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 1A FREQUENCY
*	AP OSI-AP03A	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		G/20 642'-0''	A 1 AUX		N/A		22E-2-4000C	N902
													FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 0 FREQUENCY
*	AP 1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A 3 AUX		N/A	33-45122-E-31	22E-1-3203	Q001
													FUNCTION/SERVICE: AUX POWER BUS 142 & 241
*	AP 1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3 AUX		N/A	33-45122-E-32	22E-1-3203	Q002
													FUNCTION/SERVICE: AUX POWER BUS 143 & 241
*	AP 1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX		N/A	33-45122-E-33	22E-1-3203	Q003
													FUNCTION/SERVICE: AUX POWER BUS 144 & 241
*	AP 1AP013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A 3 AUX		N/A	591F616 591F671	22E-1-3203	Q007
													FUNCTION/SERVICE: POWER FEED TO ESS MCC'S 1371 & 1372

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 1A014	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q008
				FUNCTION/SERVICE:	POWER FEED TO ESS MCC'S 1382, 1383 A&B, 1381 A&B							
*	AP 1A015	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q009
				FUNCTION/SERVICE:	POWER FEED TO ESS MCC'S 1391, 1392, 1393A							
*	AP 1A030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	10	J/31 617	A 3 AUX	N/A	75C247958 SH.18	22E-1-3203	Q013
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 137							
*	AP 1A031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103870	N/19 560	A 3 AUX	N/A		22E-0-3059	Q014
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 138							
*	AP 1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103870	H/34 617	A 3 AUX	N/A	75C247958S26,26A	22E-1-3203	Q015
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 139							
*	AP 1A035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 138							
*	AP 1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-0-3059	Q017
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 139							
*	AP 1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7 AUX	N/A	75C247958 SH.20	22E-0-3051	Q018
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 137							
*	AP 1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH21-2	22E-1-3203	Q019
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 136							
*	AP 1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958 SH.25	22E-0-3056	Q020
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 138							
*	AP 1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29	22E-0-3059	Q021
				FUNCTION/SERVICE:	POWER FEED FROM 480V ESS MCC 1393C INCOMING LINE							
*	AP 1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-0-3059	Q022
				FUNCTION/SERVICE:	POWER FEED FROM 480V ESS MCC 1393 A&B INCOMING LINE							

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 1A055	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458 19	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	0035
*				FUNCTION/SERVICE:								
	AP 1A002	4160V SWGR. BUS 142	ITE	TYPE 5 HK-350	X-2240	103447	G/32 642	A 2 AUX	N/A	33-45122-E-27	22E-1-3205	0040
				FUNCTION/SERVICE:								
	AP 1A003	4160V SWGR. BUS 143	ITE	TYPE 5 HK-350	X-2240	103443	H/32 642	A 2 AUX	N/A	33-45122-E-28	22E-1-3205	0041
*				FUNCTION/SERVICE:								
	AP 1A004	4160V SWGR. BUS 144	ITE	TYPE 5 HK-350	X-2240	103443	G/33 642	A 2 AUX	N/A	33-45122-E-29	22E-1-3205	0042
*				FUNCTION/SERVICE:								
	AP 1A032	480V CRIB HSE ESS MCC 1382	GE	7700 LINE	X-2260	103869	CC/111 594	P 1 CRIB	N/A		22E-1-3147	0046
*				FUNCTION/SERVICE:								
	AP 1A034	480V CRIB HSE ESS NCC 1392	GE	7700 LINE	X-2260	103869	BB/112 594	P 1 CRIB	N/A		22E-1-3147	0047
*				FUNCTION/SERVICE:								
	AP 1CB011	MCB-ESF CONT ISOL	HARLO CORP.		X-2291	109918	K/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S028
*				FUNCTION/SERVICE:								
	AP 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
*				FUNCTION/SERVICE:								
	AP 1CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S056
*				FUNCTION/SERVICE:								
	AP 1CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/27 642	A 1 AUX	N/A		22E-0-3089	S057
*				FUNCTION/SERVICE:								
	AP 1CB049	TRANSMITTER PWR SUPPLY	FISH-P		X-2311	113435	K/25 642	A 6 AUX	N/A	WD56B2396	22E-0-3089	S064
*				FUNCTION/SERVICE:								
	AP 1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S070
*				FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
			FUNCTION/SERVICE:									
*	AP 1CB070	MCB-DIESEL GEN 1A & AUX POWER	WEST		X-22005	382557	K/20 642	A 1 AUX	N/A		22E-0-3090	S111
			FUNCTION/SERVICE: CONT & INDIC FOR AP SYS POWER FEED BRKRS									
*	AP 1CB071	MCB-DIESEL GEN 1A & AUX POWER	WEST		X-22005	382557	K/20 642	A 1 AUX	N/A		22E-0-3090	S112
			FUNCTION/SERVICE: CONT & INDIC FOR AP SYS POWER FEED BRKRS									
*	AP 1CB072	MCB-DIESEL GEN 1B & AUX POWER	WEST		X-22005	382557	K/20 642	A 1 AUX	N/A		22E-0-3090	S113
			FUNCTION/SERVICE: CONT & INDIC FOR AP SYS POWER FEED BRKRS									
*	AP 1CB063	125V DC DIST CENTER 111	GE		X-2326	119389	K/27 642	A 1 AUX	N/A		22E-0-3089	S142
			FUNCTION/SERVICE:									
*	AP 1CB064	125V DC DIST CENTER 112	GE		X-2326	119389	K/29 642	A 1 AUX	N/A		22E-0-3089	S143
			FUNCTION/SERVICE:									
*	AP 1CB001	MCB-AUX PWR	HARLO CORP.		X-2291	109918	K/20 642	A 1 AUX	N/A		22E-0-3090	S156
			FUNCTION/SERVICE: CONT & INDIC FOR AP SYS POWER FEED BRKRS									
*	AP 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
			FUNCTION/SERVICE:									
*	AP 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A 3 AUX	N/A	E13064-SH01D	22E-1-3203	T002
			FUNCTION/SERVICE:									
*	AP 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
			FUNCTION/SERVICE:									
*	AP 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH-1E	22E-1-3203	T004
			FUNCTION/SERVICE:									
*	AP 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
			FUNCTION/SERVICE:									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
*			FUNCTION/SERVICE:									
*	AP 1LP04	TRAVELLING SCREEN CONT PANEL	HARLO CORP.		X-2248	105502	CC/110 594	P 1 CRIB	N/A		22E-0-3402	T035
*			FUNCTION/SERVICE:									
*	AP 1LP07	DIESEL GEN O CONTROL	COOPER BESSEMER		X-2246	105573	G/32 592	A 5 DG	N/A		22E-1-3202	T036
*			FUNCTION/SERVICE:									
*	AP 1LP09	DIESEL GEN 1A CONTROL	COOPER BESSEMER		X-2246	105573	H/33 592	A 5 DG	N/A		22E-1-3202	T038
*			FUNCTION/SERVICE:									
*	AP 1LP11	DIESEL GEN 1B CONTROL	COOPER BESSEMER		X-2246	105573	H/34 592	A 5 DG	N/A		22E-1-3202	T040
*			FUNCTION/SERVICE:									
*	AP OLP17	AUX BLDG VENT SYS PNL	POWERS REGULATOR		X-2286	123163	M/21 642	A 7 AUX	N/A	220-P-3036	22E-0-3092	T094
*			FUNCTION/SERVICE:									
*	AP OLP20	COMPUTER ROOM HVAC SYS PNL	POWERS REGULATOR		X-2286	123163	K/15 617	A 4 AUX	N/A	220-P-3036 SH1-3	22E-0-3077	T097
*			FUNCTION/SERVICE:									
*	AP OLP21	COMPUTER ROOM HVAC SYS PNL	POWERS REGULATOR		X-2286	123163	J/15 617	A 4 AUX	N/A	220-P-3036 SH5-7	22E-0-3077	T098
*			FUNCTION/SERVICE:									
*	AP OLP51	125V DC DIST CNTR 011-1	GE		X-2326	119389	G/9 592	A 2 AUX	N/A	75C230753 SH 2	22E-2-3202	T104
*			FUNCTION/SERVICE:									
*	AP 1CM008	COMPUTER CAB	WEST		X-22005	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U002
*			FUNCTION/SERVICE:									
*	AP 1AB0124	JUNCTION BOX	ITE				G/30 592	A 5 DG	N/A		22E-1-3202	X427
*			FUNCTION/SERVICE: DG O POWER SUPPLY FOR 4160V SWGR ESS BUS 247 (2AP006) OA,B,C									
*	AP 1AB0259	JUNCTION BOX	COOP-B		X-2246	105573	H/30 592	A 4 AUX	N/A	KSV 102-6	22E-1-3202	X433
*			FUNCTION/SERVICE: CONTROL FOR DG O AT 4160V SWGR BUS 147 (1AP006)									



REVISION 2
DATE 22 AUG 80

PLANT ID	COMPONENT/EQUIPMENT ID SHEET	MODEL	PROCURE	CECO	COL/ROW	CONTAIN	FLD	VENDOR	S&L	COMP
*SY	*EQUIPMENT	*MFR	*SPEC	*P.O. NO.	*ELEVATN	*IN OUT	*BUILD LEV	*DRAWING	*DRAWING	*NO
AP 1AB0262	JUNCTION BOX	COOP-B	X-2246	105573	H/32	A 5 DG	N/A	KSV 102-6	22E-1-3202	X435
	FUNCTION/SERVICE: CONTROL FOR DG 1A AT 4160V SWGR ESS BUS 148 (1APO07)									
AP 1AB0265	JUNCTION BCX	COOP-B	X-2246	105573	H/34	A 5 DG	N/A	KSV 102-6	22E-1-3202	X437
	FUNCTION/SERVICE: CONTROL FOR DG 1B AT 4160V SWGR ESS BUS 149 (1APO08)									
AR ORR-AR06	MULTIPOINTS RECORDER	HONEY-WELL	X-2333		H/23	A 1 AUX	N/A			M803
	FUNCTION/SERVICE: RECORDING/AREA RADIATION MONITOR									
AR ORE-AR10	RADIATION DETECTOR	NMC	GA-2TM	X-2333	K/20	A 7 AUX	N/A		M-297	M804
	FUNCTION/SERVICE: ALARM & RECORDING/AUX BLDG.									
AR ORE-AR11	RADIATION DETECTOR	NMC	GA-2TM	X-2333	H/14	A 7 AUX	N/A		M-299	M804
	FUNCTION/SERVICE: ALARM & RECORDING/AUX BLDG.									
AR 1APO31	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	N/19	A 3 AUX	N/A		22E-0-3059	Q014
	FUNCTION/SERVICE: POWER SUPPLY FOR AREA RADIATION MONITOR 1AR001									
AR 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	H/34	A 3 AUX	N/A	75C247958 SH.26	22E-1-3203	Q015
	FUNCTION/SERVICE: POWER SUPPLY FOR ARE RADIATION MONITOR 1AR002									
AR 1CB051	INSTR DIST BUS 113	FISH-H	X-2329	119387	K/29	A 1 AUX	N/A		22E-0-3089	S010
	FUNCTION/SERVICE:									
AR 1CB014	MCB-AREA RAD MONITOR CAB	WEST	X-22005	382557	G/23	A 1 AUX	N/A		22E-0-3090	S044
	FUNCTION/SERVICE:									
AR 1CB073	RAD MONITOR - ING BOP	NCLR MSR CORP	X-2333	119393	H/23	A 1 AUX	N/A		22E-0-3090	S117
	FUNCTION/SERVICE:									
AV 1AV001	UNIT COOLER/ FAN MOTOR 1HP	WEST	X-2281	113966	L/22	A 13 AUX	N/A			E001
	FUNCTION/SERVICE: RESIDUAL HEAT REMOVAL PUMP/TEMPERATURE CONTROL									
AV 1AV002	UNIT COOLER/ FAN MOTOR 1HP	WEST	X-2281	113966	M/22	A 13 AUX	N/A			E001
	FUNCTION/SERVICE: RESIDUAL HEAT REMOVAL PUMP/TEMPERATURE CONTROL									



COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AV	1AV006	UNIT COOLER/ FAN MOTOR 1HP	WEST	3 TYPE B/ 143T FRAME	X-2281	113966	L/25 560'-0''	A13	AUX	N/A			E001
FUNCTION/SERVICE: SAFETY INJECTION PUMP/TEMPERATURE CONTROL													
AV	1AV007	UNIT COOLER/ FAN MOTOR 1HP	WEST	3 TYPE B/ 143T FRAME	X-2281	113966	L/24 560'-0''	A13	AUX	N/A			E001
FUNCTION/SERVICE: SAFETY INJECTION PUMP/TEMPERATURE CONTROL													
AV	1AV008	UNIT COOLER/ FAN MOTOR 3HP	WEST	4 TYPE B/ 182T FRAME	X-2281	113966	P/22 560'-0''	A13	AUX	N/A			E002
FUNCTION/SERVICE: CONTAINMENT SPRAY PUMP/TEMPERATURE CONTROL													
AV	1AV009	UNIT COOLER/ FAN MOTOR 3HP	WEST	4 TYPE B/ 182T FRAME	X-2281	113966	N/22 560'-0''	A13	AUX	N/A			E002
FUNCTION/SERVICE: CONTAINMENT SPRAY PUMP/TEMPERATURE CONTROL													
AV	OAV013	SUPPLY FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	P/20 642'-0''	A 7	AUX	N/A			E005
FUNCTION/SERVICE: AUX BLDG/SUPPLY VENT AIR													
AV	OAV014	SUPPLY FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	P/20 642'-0''	A 7	AUX	N/A			E005
FUNCTION/SERVICE: AUX BLDG/SUPPLY VENT AIR													
AV	OAV015	SUPPLY FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	N/20 642'-0''	A 7	AUX	N/A			E005
FUNCTION/SERVICE: AUX BLDG/SUPPLY VENT AIR													
AV	OAV016	EXHAUST FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	M/23 642'-0''	A 7	AUX	N/A			E006
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR													
AV	OAV017	EXHAUST FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	M/23 642'-0''	A 7	AUX	N/A			E006
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR													
AV	OAV018	EXHAUST FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	L/23 642'-0''	A 7	AUX	N/A			E006
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR													
AV	OAV019	EXHAUST FA MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	M/19 642'-0''	A 7	AUX	N/A			E006
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR													
AV	OAV020	EXHAUST FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	M/19 642'-0''	A 7	AUX	N/A			E006
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR													

COMPONENT/EQUIPMENT ID SHEET

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*	AV OAV021	EXHAUST FAN MOTOR	G.E.	72D10-1170 -52/8188FR	X-2276	113424	L/19 642'-0''	A 7 AUX	N/A			E006
		FUNCTION/SERVICE:AUX BLDG/EXHAUST VENT AIR										
*	AV OAV022	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/ 284TCZ FRAME	X-2276	113424	M/21 642'-0''	A 7 AUX	N/A			E007
		FUNCTION/SERVICE:AUX BLDG/EXHAUST FILTERED VENT. AIR										
*	AV OAV023	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/ 284TCZ FRAME	X-2276	113424	L/21 642'-0''	A 7 AUX	N/A			E007
		FUNCTION/SERVICE:AUX BLDG/EXHAUST FILTERED VENT. AIR										
*	AV OAV024	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/ 284TCZ FRAME	X-2276	113424	M/20 642'-0''	A 7 AUX	N/A			E007
		FUNCTION/SERVICE:AUX BLDG/EXHAUST FILTERED VENT. AIR										
*	AV OAV025	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/ 284TCZ FRAME	X-2276	113424	L/20 642'-0''	A 7 AUX	N/A			E007
		FUNCTION/SERVICE:AUX BLDG/EXHAUST FILTERED VENT. AIR										
*	AV OAV070	STAND-BY COM- PRESSOR MOTOR	WEST	FT255	X-2286	123163	N/21 642'-0''	A 7 AUX	N/A			E008
		FUNCTION/SERVICE:AUX BLDG CONTROLS/AIR COMPRESSOR										
*	AV OAV071	STAND-BY COM- PRESSOR MOTOR	WEST	FT255	X-2286	123163	N/21 642'-0''	A 7 AUX	N/A			E008
		FUNCTION/SERVICE:AUX BLDG CONTROLS/AIR COMPRESSOR										
*	AV OXS-AV82A	LIMIT SWITCH	AMER.	81P-29746-B FILTR.	X-2286	123163	N/19 642'-0''	A 7 AUX	N/A		M-3	I001
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS DOOR LIMIT SWITCH										
*	AV OXS-AV82B	LIMIT SWITCH	AMER.	81P-29746-B FILTR.	X-2286	123163	N/19 642'-0''	A 7 AUX	N/A		M-3	I001
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS DOOR LIMIT SWITCH										
*	AV OTY-AV97	TEMPERATURE SWITCH	UNITED	C-300 ELECT	X-2286	123163	N/19 642'-0''	A 7 AUX	N/A		M-3	I002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH										
*	AV OTY-AV98	TEMPERATURE SWITCH	UNITED	C-300 ELECT	X-2286	123163	N/19 642'-0''	A 7 AUX	N/A		M-3	I002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH										
*	AV OTS-AV100	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	L/21 542'-0''	A 7 AUX	N/A		M-7	I003
		FUNCTION/SERVICE:RESIDUAL HEAT 1B REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL										

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AV OTS-AV101	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	L/21 542'-0''	A 7 AUX	N/A		M-7	1003
												FUNCTION/SERVICE: RESIDUAL HEAT 2A REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV102	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	L/19 542'-0''	A 7 AUX	N/A		M-7	1003
												FUNCTION/SERVICE: RESIDUAL HEAT 2B REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV103A	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	P/21 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: CONTAINMENT SPRAY PUMPS 1A ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV103B	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	P/21 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: CONTAINMENT SPRAY PUMPS 1B ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV104	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	L/18 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: SAFETY INJ. PUMPS 2A ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV105	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	L/14 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: SAFETY INJ. PUMPS 2B ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV106A	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	P/19 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: CONTAINMENT SPRAY 2A ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV106B	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	P/19 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: CONTAINMENT SPRAY 2B ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV107	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	K/26 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: SAFETY INJ. PUMPS 1B ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV108	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	K/24 560'-0''	A 7 AUX	N/A		M-6	1003
												FUNCTION/SERVICE: SAFETY INJ. PUMPS 1A ROOM CUBICLE COOLER CONTROL
*	AV OTS-AV99	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286	123163	L/21 542'-0''	A 7 AUX	N/A		M-7	1003
												FUNCTION/SERVICE: RESIDUAL HEAT 1A REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL
*	AV OXS-AV66	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7 AUX	N/A		M-538	1010
												FUNCTION/SERVICE: AUX BLDG MAIN EXH FILTERS

COMPONENT/EQUIPMENT ID SHEET													
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*	AV OXS-AV67	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG MAIN EXH FILTERS
*	AV OXS-AV68	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG MAIN EXH FILTERS
*	AV OXS-AV69	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG MAIN EXH FILTERS
*	AV OXS-AV70	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG MAIN EXH FILTERS
*	AV OXS-AV71	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG MAIN EXH FILTERS
*	AV OXS-AV81A	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG CHARCOAL FILTERS
*	AV OXS-AV81B	DOOR LIMIT SWITCH	AMER.	81P-29476-B	X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1010
													FUNCTION/SERVICE: AUX BLDG CHARCOAL FILTERS
*	AV OTY-AV186	TEMPERATURE SWITCH			X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1011
													FUNCTION/SERVICE: AUX BLDG CHARCOAL FIRE PROTECTION
*	AV OTY-AV187	TEMPERATURE SWITCH			X-2286	123163	L/20 642'-0''	A 7	AUX	N/A		M-538	1011
													FUNCTION/SERVICE: AUX BLDG CHARCOAL FIRE PROTECTION
*	AV OXE-AV208				X-2286	123163	L/17 642'-0''	A 7	AUX	N/A		M-538	1012
													FUNCTION/SERVICE:
*	AV 1A006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A 3	AUX	N/A	33-45122-E-31	22E 1-3203	Q001
													FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT SUPPLY & EXH FAN
*	AV 1A007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3	AUX	N/A	33-45122-E-32	22E 1-3203	Q002
													FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT EXH FAN

COMPONENT/EQUIPMENT ID SHEET

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*	AV 1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX	N/A	33-45122-E-33	22E 1-3203	Q003
			FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT SUPPLY & EXH FANS									
*	AV 1APO13	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q007
			FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT SUPPLY FANS OB & EXH FAN OC (OAVO14, OAVO18)									
*	AV 1APO14	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q008
			FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT EXH FAN OB (OAVO17)									
*	AV 1APO15	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q009
			FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT SUPPLY FAN OA & EXH FAN OA (OAVO13, 16)									
*	AV 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958S26,26A	22E-1-3203	Q015
			FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG CHARCOAL BOOSTER FAN OA OAVO22									
*	AV 1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 S24,27	22E-0-3056	Q016
			FUNCTION/SERVICE: POWER SUPPLY TO UNIT COOLERS 1AV002, 6, 9, & 10									
*	AV 1APO46	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7 AUX	N/A	75C247958 SH.20	22E-0-3051	Q018
			FUNCTION/SERVICE: POWER SUPPLY TO UNIT COOLERS 1AV007, 8, & 11									
*	AV 1APO90	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH21-2	22E-1-3203	Q019
			FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT FAN OAVO23									
*	AV 1APO92	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29	22E-0-3059	Q021
			FUNCTION/SERVICE: POWER SUPPLY TO UNIT COOLERS 1AV001 & 12; AIR COMPR OAVO70									
*	AV 1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/26 642	A 1 AUX	N/A	303211 SH. 1&2	22E-0-3089	S030
			FUNCTION/SERVICE:									
*	AV 1CB038	DC CONT PWR DIST CAB 112	FISH-H		X-2329	119387	H/30 642	A 1 AUX	N/A		22E-0-3089	S059
			FUNCTION/SERVICE:									
*	AV OCB005	HVAC CONTROL PANEL	HARLD CORP.		X-2291	109918	K/20 642	A 1 AUX	N/A	E12945 SH. 11	22E-0-3090	S106
			FUNCTION/SERVICE: CONT & INDIC AV SYS VENT FANS									



COMPONENT/EQUIPMENT ID SHEET

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*	AV 1CBO70	MCB-DIES GEN OA & AUX PWR	WE		X-22005	382557	K/20 630		A 1	AUX	N/A	22E-0-3090	S111
*					FUNCTION/SERVICE:								
*	AV OLP17	AUX BLDG VENT SYS PNL	POWERS REGULATOR		X-2286	123163	M/21 642		A 7	AUX	N/A	220-P-3036	22E-0-3092 T094
*					FUNCTION/SERVICE: OTY-AV97,98;OXS-AV66,67,68,69,70,71,81A,81B,38A,38B								
*					FUNCTION/SERVICE: OXS-39A,39B,27A,27B,28A,28B,29A,29B								
*	AV 1AB0127	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	M/21 642		A 7	AUX	N/A	22E-0-3092	X428
*					FUNCTION/SERVICE: CHARCOAL EXH FILTERS SOLENOID VLV OSV-AV186A,B,C								
*					FUNCTION/SERVICE: CHARCOAL EXH FILTERS HEAT DETECTOR OTY-AV97A-F								
*	AV 1AB0302	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/21 542		A 7	AUX	N/A	22E-0-3054	X439
*					FUNCTION/SERVICE: RHR PUMP 1A COOLER								
*					FUNCTION/SERVICE: OTS-AV99,OHS-AV99A,PUSHBUTTON STATION,OSV-AV99								
*	AV 1AB0303	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/21 542		A 7	AUX	N/A	22E-0-3054	X440
*					FUNCTION/SERVICE: RHR PUMP 1B COOLER								
*					FUNCTION/SERVICE: OTS-AV100,OHS-AV100A,PUSHBUTTON STATION,OSV-AV100								
*	AV 1AB0304	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/23 560		A 7	AUX	N/A	22E-0-3056	X441
*					FUNCTION/SERVICE: SAFETY INJECTION PUMP 1A COOLER								
*					FUNCTION/SERVICE: OTS-AV107,OHS-AV107A,PUSHBUTTON STATION,OSV-AV107								
*	AV 1AB0305	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/26 560		A 7	AUX	N/A	22E-0-3056	X442
*					FUNCTION/SERVICE: SAFETY INJECTION PUMP 1B COOLER								
*					FUNCTION/SERVICE: OTS-AV108,OHS-AV108A,PUSHBUTTON STATION,OSV-AV108								
*	AV 1AB0306	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	M/23 560		A 7	AUX	N/A	22E-0-3059	X443
*					FUNCTION/SERVICE: CONTMT SPRAY PUMP 1A & 1B COOLER								
*					FUNCTION/SERVICE: OTS-AV103A&B,OHS-AV103A,PUSHBUTTON STATION,OSV-AV103								
*	AV 1AB0307	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	M/21 560		A 7	AUX	N/A	22E-0-3059	X444
*					FUNCTION/SERVICE: CONTMT SPRAY PUMP 1A & 1B COOLER (PUSHBUTTON STATION)								
*	AV 1AB0317	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/21 542		A 7	AUX	N/A	22E-0-3054	X446
*					FUNCTION/SERVICE: RHR PUMP 1A COOLER								

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AV	1AB0318	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21 542	A 7 AUX	N/A		22E-0-3054	X447
*					FUNCTION/SERVICE:	RHR PUMP 1B COOLER						
AV	1AB0319	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/23 560	A 7 AUX	N/A		22E-0-3056	X448
*					FUNCTION/SERVICE:	SAFETY INJECTION PUMP 1A COOLER						
AV	1AB0320	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/26 560	A 7 AUX	N/A		22E-0-3056	X449
*					FUNCTION/SERVICE:	SAFETY INJECTION PUMP 1B COOLER						
AV	1AB0321	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/23 560	A 7 AUX	N/A		22E-0-3059	X450
*					FUNCTION/SERVICE:	CONTMT SPRAY PUMP 1A COOLER						
AV	1AB0438	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/19 642	A 7 AUX	N/A		22E-0-3092	X455
*					FUNCTION/SERVICE:	CHARCOAL EXH FILTER HEAT DETECTOR OTY-AV98A-F						
*					FUNCTION/SERVICE:	CHARCOAL EXH FILTER SOLENOID VALVE OSV-AV187A,B,C						
AV	1AB0440	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	N/21 642	A 7 AUX	N/A		22E-0-3092	X456
*					FUNCTION/SERVICE:	HVAC STANDBY INSTR AIR COMPR OAV070						
AV	1AB0592	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/17 642	A 1 AUX	N/A		22E-0-3090	X473
*					FUNCTION/SERVICE:	AUX BLDG VENT SUPPLY FAN OA						
CC	OCC003	CC PUMP MOTOR UNIT	WEST	ABDP	E-676427 E-677125		H/18 560'-0''	A 7 AUX	N/A		M-66	C251
*					FUNCTION/SERVICE:	POWER UNIT FOR CC PUMP OA						
CC	OCC004	CC PUMP MOTOR UNIT	WEST	ABDP	E-676427 E-677125		H/19 560'-0''	A 7 AUX	N/A		M-66	C251
*					FUNCTION/SERVICE:	POWER UNIT FOR CC PUMP OB						
CC	OCC005	CC PUMP MOTOR UNIT	WEST	ABDP	E-676427 E-677125		H/20 560'-0''	A 7 AUX	N/A		M-66	C251
*					FUNCTION/SERVICE:	POWER UNIT FOR CC PUMP OC						
CC	OCC006	CC PUMP MOTOR UNIT	WEST	ABDP	E-676427 E-677125		H/21 560'-0''	A 7 AUX	N/A		M-66	C251
*					FUNCTION/SERVICE:	POWER UNIT FOR CC PUMP OD						

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CC OCC007	CC PUMP MOTOR UNIT	WEST	ABDP	E-676427 E-677125		H/22 560'-0''	A 7 AUX	N/A		M-66	C251
					FUNCTION/SERVICE: POWER UNIT FOR CC PUMP OE							
*	CC 1MOV-CC9412A	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	G-676258	116878	L/21 560'-0''	A15 AUX	N/A	K-7692	M-67	C252
					FUNCTION/SERVICE: POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP							
*	CC 1MOV-CC9412B	VALVE MOTOR OPERATOR	LMTQ	SME-00-15	G-676258	116878	M/21 560'-0''	A15 AUX	N/A	K-7296	M-67	C252
					FUNCTION/SERVICE: POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP							
*	CC 1FT-688	FLOW TRANSMITTER	BARTON	332	X-2200	118630	M/21 560'-0''	A 7 AUX	N/A		M-67, M-295	N401
					FUNCTION/SERVICE: RHX 1B OUT FLOW INDICATION & ALARM/RHX 1B OUT							
*	CC 1FT-689	FLOW TRANSMITTER	BARTON	332	X-2200	118630	H/22 560'-0''	A 7 AUX	N/A		M-67, M-297	N401
					FUNCTION/SERVICE: RHX 1A OUT FLOW INDICATION & ALARM/RHX 1A OUT							
*	CC 1FI-689	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1 AUX	N/A		22E-1-4304	N402
					FUNCTION/SERVICE: RHX 1B OUT FLOW INDICATION/RHX 1B OUT							
*	CC 1FI-688	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	N402
					FUNCTION/SERVICE: RHX 2A OUT FLOW INDICATION/RHX 2A OUT							
*	CC 1APO06	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A 3 AUX	N/A	33-45122-E-31	22E 1-3203	0001
					FUNCTION/SERVICE: POWER SUPPLY FOR CC PUMP OE							
*	CC 1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3 AUX	N/A	33-45122-E-32	22E 1-3203	0002
					FUNCTION/SERVICE: POWER SUPPLY FOR CC PUMP OD							
*	CC 1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX	N/A	33-45122-E-33	22E 1-3203	0003
					FUNCTION/SERVICE: POWER SUPPLY FOR CC PUMP OC							
*	CC 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260		H/34 617	A 3 AUX	N/A		22E-1-3203	0015
					FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV 1MOV-CC9412A							
*	CC 1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260		L/23 560	A 7 AUX	N/A		22E-0-3056	0016
					FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLVS 1MOV-CC9488, -CC9413B							

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
CC	1AP036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260		L/23 617	A 7 AUX		N/A		22E-0-3059	Q017
				FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV 1MOV-CC9415									
CC	1AP046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260		K/26 542	A 7 AUX		N/A		22E-0-3051	Q018
				FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLVS 1MOV-CC9413A, 1FCV-CC685									
CC	1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260		J/32 617	A 3 AUX		N/A	75C247958 SH.22	22E-1-3203	Q019
				FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV 1MOV-CC9412B									
CC	1AP092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260		P/21 560	A 7 AUX		N/A	75C247958 SH.29A	22E-0-3059	Q021
				FUNCTION/SERVICE: POWER SUPPLY FR CC SYS V;V 1MOV-CC9414									
CC	1AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560	A 7 AUX		N/A		22E-0-3059	Q035
				FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS MOV HTRS									
CC	1CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	H/28 642	A 1 AUX		N/A	108D001	22E-0-3089	S001
				FUNCTION/SERVICE:									
CC	1CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/28 642	A 1 AUX		N/A		22E-0-3089	S002
				FUNCTION/SERVICE:									
CC	1CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/27 642	A 1 AUX		N/A		22E-0-3089	S003
				FUNCTION/SERVICE:									
CC	1CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/28 642	A 1 AUX		N/A	597AD69	22E-0-3089	S004
				FUNCTION/SERVICE:									
CC	1CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/28 642	A 1 AUX		N/A	5978D72	22E-0-3089	S005
				FUNCTION/SERVICE:									
CC	1CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/28 642	A 1 AUX		N/A		22E-0-3089	S006
				FUNCTION/SERVICE:									
CC	1CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/28 642	A 1 AUX		N/A		22E-0-3089	S007
				FUNCTION/SERVICE:									

COMPONENT/EQUIPMENT ID SHEET

* +SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CC 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S025
*				FUNCTION/SERVICE:	CONT & INDIC FOR	CC SYS PUMP & VLVS						
*	CC 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S026
*				FUNCTION/SERVICE:	CONT & INDIC FOR	CC SYS PUMP & VLVS						
*	CC 1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S027
*				FUNCTION/SERVICE:	CONT & INDIC FOR	CC SYS PUMP & VLVS						
*	CC 1CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S029
*				FUNCTION/SERVICE:								
*	CC 1CB074	NS55 ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
*				FUNCTION/SERVICE:								
*	CC 1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S070
*				FUNCTION/SERVICE:								
*	CC 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
*				FUNCTION/SERVICE:								
*	CC 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
*				FUNCTION/SERVICE:								
*	CC 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
*				FUNCTION/SERVICE:								
*	CC 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01E	22E-1-3203	T004
*				FUNCTION/SERVICE:								
*	CC 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
*				FUNCTION/SERVICE:								
*	CC 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
*				FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 1APO13	480V SWGR, ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A 3	AUX	N/A	591F616 591F671	22E-1-3203	0007
					FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS								
*	CI 1APO14	480V SWGR, ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3	AUX	N/A	591F616 591F671	22E-1-3203	0008
					FUNCTION/SERVICE: POWER SUPPLY TO FIRE WATER PUMP OA								
*	CI 1APO15	480V SWGR, ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A 3	AUX	N/A	591F616 591F671	22E-1-3203	0009
					FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS								
*	CI 1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3	AUX	N/A	75C247958 SH.18	22E-1-3203	0013
					FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS & PWR FOR VLV 1MOV-VC8105								
*	CI 1APO31	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A 3	AUX	N/A		22E-0-3059	0014
					FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS								
*	CI 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3	AUX	N/A	75C247958S26,26A	22E-1-3203	0015
					FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS (OFPO07)								
*	CI 1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7	AUX	N/A	75C247958 SH.24	22E-0-3056	0016
					FUNCTION/SERVICE: POWER SUPPLY FOR AUX BLDG FLOOR DRAIN SUMP B PUMP OC & AUX BLDG EQUIP DRAIN COLLECTION TANK OB PUMP OC & VLVS 1MOV-CC9413B, 1MOV-CC9438								
*	CI 1APO46	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7	AUX	N/A	75C247958 SH.20	22E-0-3051	0018
					FUNCTION/SERVICE: POWER SUPPLY FOR VLVS 1MOV-BD0009, 10, 1MOV-FW016; 1MOV-CC9413A, CC685								
*	CI 1APO90	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3	AUX	N/A	75C247958 SH.22	22E-1-3203	0019
					FUNCTION/SERVICE: POWER SUPPLY RADWASTE EVAP SYS HEAT TRACING FEED								
*	CI 1APO91	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7	AUX	N/A	75C247958 SH.25	22E-0-3056	0020
					FUNCTION/SERVICE:								
*	CI 1APO92	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7	AUX	N/A	75C247958 SH.29	22E-0-3059	0021
					FUNCTION/SERVICE: POWER SUPPLY AUX BLDG EQUIP DRAIN COLLECTION TANK OB PUMP OD & VLV 1MOV-CC9414								

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1AP093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-O-3059	0022
				FUNCTION/SERVICE:	POWER SUPPLY AUX BLDG FLR DRAIN SUMP B PUMP OD AND VLVS 1MOV-FW017.19							
CI	1AP055	MOV HTRS- DIST. PNL-DIV 19	FISH-H B/M-C-458		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-O-3059	0035
				FUNCTION/SERVICE:								
CI	1AP032	480V CRIB HSE ESS MCC 1382	GE	7700 LINE	X-2260	103869	CC/111 594	P 1 CRIB	N/A		22E-1-3147	0046
				FUNCTION/SERVICE:								
CI	1CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	K/23 642	A 1 AUX	N/A	E12942 SH.7	22E-O-3090	S023
				FUNCTION/SERVICE:								
CI	1CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942	22E-O-3090	S024
				FUNCTION/SERVICE:								
CI	1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S025
				FUNCTION/SERVICE:	CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
CI	1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S026
				FUNCTION/SERVICE:	CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
				FUNCTION/SERVICE:								
CI	1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S027
				FUNCTION/SERVICE:								
CI	1CB011	MCB-ESF CONT ISOL	HARLO CORP.		X-2291	109918	K/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S028
				FUNCTION/SERVICE:	CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
CI	1CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S029
				FUNCTION/SERVICE:								
CI	1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP.		X-2322	119390	G/26 642	A 1 AUX	N/A	303211 SH.1&2	22E-O-3089	S030
				FUNCTION/SERVICE:	CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 1CB013	MCB-PROCESS RAD. MON. CAB.	WEST		X-2200S	382557	G/23 642	A 1 AUX	N/A		22E-0-3090	S043
*					FUNCTION/SERVICE: STEAM GEN. BLOWDOWN ISOLATION VALVES							
*	CI 1CB032	ESF SAF ACT LOGIC A	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S056
*					FUNCTION/SERVICE:							
*	CI 1CB033	ESF SAF ACT LOGIC B	WEST		X-2200S	382557	H/27 642	A 1 AUX	N/A	10BD001	22E-0-3089	S057
*					FUNCTION/SERVICE:							
*	CI 1CB038	DC CONTROL DIST. CAB 112	FISH-H		X-2329	119387	H/30 642	A 1 AUX	N/A		22E-0-3089	S059
*					FUNCTION/SERVICE:							
*	CI 1CB051	MCB-FIRE ALRM CABINET	FISH-H		X-2329	119387	G/21 642	A 1 AUX	N/A		22E-0-3090	S065
*					FUNCTION/SERVICE:							
*	CI 1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S070
*					FUNCTION/SERVICE:							
*	CI 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
*					FUNCTION/SERVICE:							
*	CI 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
*					FUNCTION/SERVICE:							
*	CI 1CB100	MCB-FIRE DETECT. PNL			B/M3782C		K/17 642	A 1 AUX	N/A		22E-0-3090	S074
*					FUNCTION/SERVICE:							
*	CI 1CB101	MCB-FIRE DETECT. PNL			B/M3782C		K/17 642	A 1 AUX	N/A		22E-0-3090	S075
*					FUNCTION/SERVICE:							
*	CI OCB004	GENERAL SERV. PANEL	HARLO CORP.		X-2291	109918	G/20 642	A 1 AUX	N/A	E12945 SH.8	22E-0-3083	S105
*					FUNCTION/SERVICE: CONTROL AND INDICATION FOR FP SYS PUMPS (OPSL-FP05)							
*	CI OCB009	FIRE DETECT. PANEL			B/M3782C		K/17 642	A 1 AUX	N/A		22E-0-3090	S108
*					FUNCTION/SERVICE:							



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI OCB010	FIRE DETECT. PANEL		B/M3782C		K/17 642	A 1 AUX	N/A		22E-0-3090	S109
			FUNCTION/SERVICE:								
*	CI OCB011	FIRE DETECT. PANEL		B/M3782C		K/17 642	A 1 AUX	N/A		22E-0-3090	S162
			FUNCTION/SERVICE-								
*	CI OFP007	DIESEL GEN. & CONTROLS	CUMM- INS	X-2236	105579 103856	BB-107	P 1 CRIB	N/A		22E-2-3147	S163
			FUNCTION/SERVICE- FP SYS EMERGENCY BACKUP								
*	CI 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.	X-2305	123159	J/30 617	A 3 AUX	N/A E13064-SH01A		22E-1-3203	T001
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL								
*	CI 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.	X-2305	123159	H/30 617	A 3 AUX	N/A E13064-SH01D		22E-1-3203	T002
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL								
*	CI 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.	X-2305	123159	J/32 617	A 3 AUX	N/A E13064-SH01B		22E-1-3203	T003
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL								
*	CI 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.	X-2305	123159	H/32 617	A 3 AUX	N/A E13064-SH01E		22E-1-3203	T004
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL								
*	CI 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.	X-2305	123159	J/33 617	A 3 AUX	N/A E13064-SH01C		22E-1-3203	T005
			FUNCTION/SERVICE:								
*	CI 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.	X-2305	123159	H/33 617	A 3 AUX	N/A E13064-SH01F		22E-1-3203	T006
			FUNCTION/SERVICE:								
*	CI 1LP73	AIR CRFT CRSH FIRE DET AUX PNL DG1A AIR		B/M3782C		J/33 592	A 5 DG	N/A		22E-1-3205	T062
			FUNCTION/SERVICE:								
*	CI 1LP74	AIR CRFT CRSH FIRE DET AUX PNL DG1B AIR		B/M3782C		J/33 592	A 5 DG	N/A		22E-1-3205	T063
			FUNCTION/SERVICE:								
*	CI OLP04	LIQ. RADWST. EVAP. PANEL	AQUA- CHEM.	X-2264	105588	G/20 642	A 1 AUX	N/A 627-D-8181		22E-0-3068	T092
			FUNCTION/SERVICE:								



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	OLP05	LIQ. WASTE DISP. PANEL	FOX-BGRO		X-2317	119391	K/20 642	A 1 AUX	N/A	EB13-FA-1	22E-0-3068	T093
CI	OLP64	FIRE DETECT. PANEL			B/M3782C		H/32 592	A 5 DG	N/A		22E-1-3202	T107
CI	OLP66	FIRE DETECT. AUX. PANEL			B/M3782C		BB-101 594	A 1 AUX	N/A		22E-2-3147	T113
CI	1CM008	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U002
CI	1AB0456	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/20 630	A 1 AUX	N/A		22E-0-3083	X461
CI	1AB0457	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/20 630	A 1 AUX	N/A		22E-0-3083	X462
CI	1AB0592	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/17 642	A 1 AUX	N/A		22E-0-3083	X473
CI	1AB0598	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/33 592	A 5 DG	N/A		22E-1-3202	X474
CI	1AB0599	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/33 592	A 5 DG	N/A		22E-1-3202	X475
CI	1AB0642	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/32 592	A 5 DG	N/A		22E-1-3202	X477
CI	1AB0645	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/32 592	A 5 DG	N/A		22E-1-3202	X478

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* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 1AB0768	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/26 560	A 7	AUX	N/A		22E-0-3056	X482
*													
		FUNCTION/SERVICE: RX DRAIN TANK TO GAS ANALYZER ISOL VLVS 1ADV-DT9159A,B,1ADV-RC8025											
*	CI 1CH0028	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/111 594	P 1	CRIB	N/A		22E-1-3147	X484
*													
		FUNCTION/SERVICE: FIRE WATER PUMP OA											
*	CI 1CH0029	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/113 594	P 1	CRIB	N/A		22E-1-3147	X485
*													
		FUNCTION/SERVICE: DIESEL ENGINE EMERGENCY FIRE PUMP OB											
*	CI 1AB0596	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/33 592	A 1	AUX	N/A		22E-1-3202	X582
*													
		FUNCTION/SERVICE: AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 1A AIR INTAKE											
*	CI 1AB0597	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/33 592	A 1	AUX	N/A		22E-1-3202	X583
*													
		FUNCTION/SERVICE: AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 1A AIR INTAKE											
*	CS 1CS001	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/22 560'-0''	A 13	AUX	N/A	FC-45790	M-44	A751
*													
		FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 1A											
*	CS 1CS002	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/22 560'-0''	A 13	AUX	N/A	FC-45790	M-44	A751
*													
		FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 1B											
*	CS 1CS003	CS PUMP DIESEL DRIVN	CUMMIN	VTA-1710-P700	X-2247	105582	N/22 560'-0''	A 13	AUX	N/A	1707-D	M-44	A752
*													
		FUNCTION/SERVICE: ACTUATES PUMP/CS PUMP 1C											
*	CS 1MOV-CS008	VALVE MOTOR OPERATOR	LIMIT-	SMB-000	X-2297	109913	M/23 567'-0''	A 13	AUX	N/A	02-403-0001-3	M-44	A753
*													
		FUNCTION/SERVICE-EDUCTOR 1A SUCTION FROM SPRAY ADDITIVE TANK/											
*	CS 1MOV-CS009	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	N/23 567'-0''	A 13	AUX	N/A	02-403-0001-3	M-44	A753
*													
		FUNCTION/SERVICE-EDUCTOR 1B SUCTION FROM SPRAY ADDITIVE TANK/											
*	CS 1MOV-CS010	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	N/23 567'-0''	A 13	AUX	N/A	02-403-0001-3	M-44	A753
*													
		FUNCTION/SERVICE-EDUCTOR 1C SUCTION FROM SPRAY ADDITIVE TANK/											



COMPONENT/EQUIPMENT ID SHEET

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*	CS 1MOV-CS049	VALVE MOTOR OPERATOR	LIMIT-	SMB-000	X-2297	109913	L/2 554'-0''	A11	AUX	N/A	02-408-0009-3	M-44	A754
*					FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 1A								
*	CS 1MOV-CS050	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	M/2 554'-0''	A11	AUX	N/A	02-408-0009-3	M-44	A754
*					FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A								
*	CS 1MOV-CS002	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	P/21 569'-0''	A13	AUX	N/A	02-404-0008	M-44	A755
*					FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.								
*	CS 1MOV-CS003	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	P/21 569'-0''	A13	AUX	N/A	02-404-0008	M-44	A755
*					FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.								
*	CS 1MOV-CS004	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	P/21 569'-0''	A13	AUX	N/A	02-404-0008	M-44	A755
*					FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.								
*	CS 1MOV-CS005	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	P/21 569'-0''	A13	AUX	N/A	02-404-0008	M-44	A755
*					FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.								
*	CS 1MOV-CS006	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	N/22 569'-0''	A13	AUX	N/A	02-404-0008	M-44	A755
*					FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.								
*	CS 1MOV-CS007	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	N/22 569'-0''	A13	AUX	N/A	02-404-0008	M-44	A755
*					FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.								
*	CS 1FT-CS01A	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/22 560'-0''	A13	AUX	N/A		M-44,M-295	MO01
*					FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/CS PUMP 1A DISCH.								
*	CS 1FT-CS01B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44M-295	MO01
*					FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/EDUCTOR 1A SUCTION FLOW								
*	CS 1FT-CS02A	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44,M-295	MO01
*					FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/CS PUMP 1B DISCH.								
*	CS 1FT-CS02B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44,M-295	MO01
*					FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/EDUCTOR 1B SUCTION FLOW								

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	P.O. NO.	CECO NO.	COL/ROW ELEVATION	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS 1FT-CS03A		FLOW TRANSMITTER	F&P	10B2496	X-2316			P/23 560'-0"	A 13 AUX	N/A		M-44, M-295	MOO1
								FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/CS PUMP 1C DISCH.					
CS 1FT-CS03B		FLOW TRANSMITTER	F&P	10B2496	X-2316			N/23 560'-0"	A 13 AUX	N/A		M-44, M-295	MOO1
								FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/EDUCTOR 1C SUCTION FLOW					
CS 1PT-CS19		PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316			P/23 617'-0"	A 13 AUX	N/A		M-44, M-288	MOO2
								FUNCTION/SERVICE-INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 3					
CS 1PT-CS20		PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316			P/23 617'-0"	A 13 AUX	N/A		M-44, M-288	MOO2
								FUNCTION/SERVICE-INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 2					
CS 1PT-CS21		PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316			P/23 560'-0"	A 13 AUX	N/A		M-44, M-288	MOO2
								FUNCTION/SERVICE-INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 3					
CS 1PT-CS22		PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316			P/23 560'-0"	A 13 AUX	N/A		M-44, M-288	MOO2
								FUNCTION/SERVICE-INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 4					
CS 1FT-CS06		FLOW TRANSMITTER	F&P	10B2496	X-2316			M/23 560'-0"	A 13 AUX	N/A		M-44, M-296	MOO4
								FUNCTION/SERVICE: SPRAY ADD. 1A FLOW INDICATION & ALARM/EDUCTOR 1A SPRAY ADDITIVE					
CS 1FT-CS07		FLOW TRANSMITTER	F&P	10B2496	X-2316			N/23 560'-0"	A 13 AUX	N/A		M-44, M-296	MOO4
								FUNCTION/SERVICE: SPRAY ADD. 1B FLOW INDICATION & ALARM/EDUCTOR 1B SPRAY ADDITIVE					
CS 1FT-CS08		FLOW TRANSMITTER	F&P	10B2496	X-2316			P/23 560'-0"	A 13 AUX	N/A		M-44, M-296	MOO4
								FUNCTION/SERVICE: SPRAY ADD. 1C FLOW INDICATION & ALARM/EDUCTOR 1C SPRAY ADDITIVE					
CS 1FT-CS01A		FLOW INDICATOR	WEST	VX-252	X-2200			H/23 642'-0"	A 1 AUX	N/A		M-44	MOO4
								FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1A DISCH					
CS 1FT-CS01B		FLOW INDICATOR	WEST	VX-252	X-2200			H/23 642'-0"	A 1 AUX	N/A		M-44	MOO4
								FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1A DISCH					
CS 1FT-CS02A		FLOW INDICATOR	WEST	VX-252	X-2200			H/23 642'-0"	A 1 AUX	N/A		M-44	MOO4
								FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1B DISCH					



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PLANT ID	COMPONENT/ EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS 1FI-CS02B	FLOW INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1B DISCH								
CS 1FI-CS03A	FLOW INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1C DISCH								
CS 1FI-CS03B	FLOW INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1C DISCH								
CS 1PI-CS19	PRESSURE INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 1								
CS 1PI-CS20	PRESSURE INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 2								
CS 1PI-CS21	PRESSURE INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 3								
CS 1PI-CS22	PRESSURE INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 4								
CS 1FI-CS06	FLOW INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: SPRAY ADDITIVE 1A FLOW INDICATION/EDUCTOR 1A SPRAY ADDITIVE								
CS 1FI-CS07	FLOW INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: SPRAY ADDITIVE 1B FLOW INDICATION/EDUCTOR 1B SPRAY ADDITIVE								
CS 1FI-CS08	FLOW INDICATOR	WEST VX-252	X-2200		H/23 642'-0"	A 1 AUX	N/A		M-44	MO04
		FUNCTION//SERVICE: SPRAY ADDITIVE 1C FLOW INDICATION/EDUCTOR 1C SPRAY ADDITIVE								
CS 1AP006	4160V SWGR. ESS-BUS 147	ITE TYPE 5 HK-350	X-2240	103443	G/31 617	A 3 AUX	N/A	33-45122-E-31	22E 1-3203	0001
		FUNCTION//SERVICE: POWER SUPPLY FOR CONTM SPRAY PUMP 1A								
CS 1AP007	4160V SWGR. ESS-BUS 148	ITE TYPE 5 HK-350	X-2240	103443	G/33 617	A 3 AUX	N/A	33-45122-E-32	22E 1-3203	0002
		FUNCTION//SERVICE: POWER SUPPLY FOR CONTM SPRAY PUMP 1B								



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*	CS 1A030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958 SH.18	22E-1-3203	Q013
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS PUMP 1A CONTROL							
*	CS 1A035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0009, -CS0004							
*	CS 1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-0-3059	Q017
				FUNCTION/SERVICE:	CONTROL INTERLOCK FOR VLV 1MOV-CS0049							
*	CS 1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 547	A 7 AUX	N/A	75C247958 SH.20	22E-0-3051	Q018
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0008, -CS0002, -CS0003							
*	CS 1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH21-2	22E-1-3203	Q019
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS PUMP 1B CONTROL							
*	CS 1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958 SH.25	22E-0-3056	Q020
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0005, -CS0050							
*	CS 1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-0-3059	Q021
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0049							
*	CS 1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-0-3059	Q022
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0006, -CS0007, -CS0010							
*	CS 1A055	MOV HTRS- DIST. NL-DIV	FISH-H	B/M-C-458 19	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q035
				FUNCTION/SERVICE:	POWER SUPPLY FOR CS SYS MOV HTRS							
*	CS 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S025
				FUNCTION/SERVICE:	CONT & INDIC FOR CS SYS PUMP & VLVS							
*	CS 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S026
				FUNCTION/SERVICE:	CONT & INDIC FOR CS SYS PUMP & VLVS							
*	CS 1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S027
				FUNCTION/SERVICE:	CONT & INDIC FOR CS SYS VALVES							

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD LEV	VENDOR DRAWING	SRL DRAWING	COMP NO
CS 1CBO12	MCB-BOP PORTION OF ESF	WEST	X-2200S	382557	G/23 642	A 1 AUX	N/A	112942	SH-8	22E-O-3090	5029
	FUNCTION/SERVICE :										
CS 1CBO74	NSSS ANNUN RLY INPUT CAB	WEST	X-2200S	382557	H/26 642	A 1 AUX	N/A	303211		22E-O-3089	5031
	FUNCTION/SERVICE :										
CS 1CBO15	MCB-ENG. SAFE. DIV. 1B	WEST	X-2200S	382557	H/23 642	A 1 AUX	N/A			22E-O-3090	5045
	FUNCTION/SERVICE :										
CS 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.	X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SHO1A		22E-1-3203	T001
	FUNCTION/SERVICE :										
CS 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.	X-2305	123159	H/30 617	A 3 AUX	N/A	E13064-SHO1D		22E-1-3203	T002
	FUNCTION/SERVICE :										
CS 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.	X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SHO1B		22E-1-3203	T003
	FUNCTION/SERVICE :										
CS 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.	X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SHO1E		22E-1-3203	T004
	FUNCTION/SERVICE :										
CS 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.	X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SHO1C		22E-1-3203	T005
	FUNCTION/SERVICE :										
CS 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.	X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SHO1F		22E-1-3203	T006
	FUNCTION/SERVICE :										
CS 1LP30	CONMT SPRY PU IC CON. PNL	DRESS INDUS	X-2247	105582	N/21 560	A 7 AUX	N/A			22E-O-3059	T048
	FUNCTION/SERVICE :										
CS 1CMO0B	COMPUTER CAB (I/O TERM)	WEST	X-2200S	382557	K/25 642	A 6 AUX	N/A			22E-1-3400	U002
	FUNCTION/SERVICE :										
CS 1CMO0B	COMPUTER CAB (I/O TERM)	WEST	X-2200S	382557	K/25 642	A 6 AUX	N/A			22E-1-3400	U002
	FUNCTION/SERVICE :										



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*	CS 1CM009	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U004
*				FUNCTION/SERVICE:								
*	CS 1AB0357	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 560	A 13 AUX	N/A		22E-0-3059	X431
*				FUNCTION/SERVICE: CONTMT SPRAY PUMP 1C DIESEL CONTROLS								
*	CS 1K-1067	JUNCTION BOX		EB-214D			N/23 560	A 13 AUX	N/A		22E-1-3407	X497
*				FUNCTION/SERVICE: CONTMT SPRAY PUMP 1A INBD & OUTBD THERMOCOUPLES 1TE-CS01A,B								
*				FUNCTION/SERVICE: EDUCTOR 1A SUCTION FLOW TRANSMITTER 1FT-CS01B								
*				FUNCTION/SERVICE: EDUCTOR 1A WATER INLET FLOW CONT VLV 1FCV-CS01								
*				FUNCTION/SERVICE: CONTMT SPRAY PUMP DISCH FLOW TRANSMITTER 1FT-CS01A								
*	CS 1K-1068	JUNCTION BOX		EB-214E			N/23 560	A 13 AUX	N/A		22E-1-3407	X498
*				FUNCTION/SERVICE: CONTMT SPRAY PUMP 1B INBD & OUTBD THERMOCOUPLES 1TE-CS02A,B								
*				FUNCTION/SERVICE: EDUCTOR 1B SUCTION FLOW TRANSMITTER 1FT-CS02B								
*				FUNCTION/SERVICE: EDUCTOR 1B WATER INLET FLOW CONT VLV 1FCV-CSC2								
*				FUNCTION/SERVICE: CONTMT SPRAY PUMP 1B DISCH FLOW TRANSMITTER 1FT-CS02A								
*				FUNCTION/SERVICE: EDUCTOR 1A, 1B, 1C SPRAY ADDITIVE FLOW TRANSMITTERS 1FT-CS06,7,3								
*	CS 1K-1069	JUNCTION BOX		EB-214B			P/23 560	A 13 AUX	N/A		22E-1-3407	X499
*				FUNCTION/SERVICE: EDUCTOR 1C WATER INLET FLOW CONT VLV 1FCV-CS03								
*				FUNCTION/SERVICE: CONTMT SPRAY PUMP 1C DISCH FLOW TRANSMITTER 1FT-CS03A								
*				FUNCTION/SERVICE: EDUCTOR 1C SUCTION FLOW TRANSMITTER 1FT-CS03B								
*	CV OC0001	VENT FAN MOTOR 20 HP	GE	48C9-1170-30 /286 TCZ FRM	X-2276	113424	BB/101 594'-0''	P 1 CRIB	ABV		M-82	H001
*				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
*	CV OC0002	VENT FAN MOTOR 20 HP	GE	48C9-1170-30 /286 TCZ FRM	X-2276	113424	BB/101 594'-0''	P 1 CRIB	ABV		M-81	H001
*				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
*	CV OC0003	VENT FAN MOTOR 20 HP	GE	48C9-1170-30 /286 TCZ FRM	X-2276	113424	CC/101 594'-0''	P 1 CRIB	ABV		M-82	H001
*				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
*	CV OC0004	VENT FAN MOTOR 20 HP	GE	48C9-1170-30 /286 TCZ FRM	X-2276	113424	CC/113 594'-0''	P 1 CRIB	ABV		M-82	H001
*				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								



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PLANT ID	COMPONENT/EQUIPMENT	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	P.O. NO.	CECD NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
CV OC0005	VENT FAN MOTOR 20 HP	GE 48C9-1170-30 X-2276 /286 TCZ FRM	113424	BB/113 594'-0"	P 1 CRIB	ABV					M-82		H001
		FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL											
CV OC0006	VENT FAN MOTOR 20 HP	GE 48C9-1170-30 X-2276 /286 TCZ FRM	113424	BB/113 594'-0"	P 1 CRIB	ABV					M-82		H001
		FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL											
CV OC0028	STANDBY COMPRESSOR MOTOR	WEST FT A-4/.5 HP X-2286	123163	CC/105 594'-0"	P 1 CRIB	ABV							H002
		FUNCTION/SERVICE: CRIBHOUSE CONTROLS/AIR COMPRESSOR											
CV OC0029	STANDBY COMPRESSOR MOTOR	WEST FT A-4/.5 HP X-2286	123163	CC/105 594'-0"	P 1 CRIB	ABV							H002
		FUNCTION/SERVICE: CRIBHOUSE CONTROLS/AIR COMPRESSOR											
CV OTS-CV07	TEMPERATURE SWITCH	PENN 134 X-2286	123163		P 1 CRIB	ABV							I101
		FUNCTION/SERVICE: SERVICE WATER PUMP NORTH AREA TEMP. SWITCH											
CV OTS-CV11	TEMPERATURE SWITCH	PENN 134 X-2286	123163		P 1 CRIB	ABV							I101
		FUNCTION/SERVICE: SERVICE WATER PUMP NORTH AREA TEMP. SWITCH											
CV 1AP030	480V AUX BLDG ESS MCC 1371	GE 7700 LINE X-2260	103869	J/31 617	A 3 AUX	N/A	75C247558 SH18-9				22E-1-3203		Q013
		FUNCTION/SERVICE: POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OCS OC0006											
CV 1AP032	480V CRIB HSE ESS MCC 1382	GE 7700 LINE X-2260	103869	CC/111 594	P 1 CRIB	N/A							Q046
		FUNCTION/SERVICE: POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OBS OC0005											
CV 1AP034	480V CRIB HSE ESS MCC 1392	GE 7700 LINE X-2260	103869	BB/112 594	P 1 CRIB	N/A							Q047
		FUNCTION/SERVICE: POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OAS OC0004											
CV 1CR050	ANNLN INPUT RLY LOGIC CAB	BETA CORP X-2322	109390	G/26 642	A 1 AUX	N/A	30321 SH. 182						S030
		FUNCTION/SERVICE:											
CV OC0005	HVAC CONTROL PANEL	HARLO CORP X-2291	109918	K/20 642	A 1 AUX	N/A							S106
		FUNCTION/SERVICE: CONT & INDIC FOR CV SYS FANS											
CV OLP22	CRIB HSE VENT SYS PANEL	REGULATOR X-2286	123163	BB/101 592	P 1 CRIB	N/A	220-P-3036S2.4-6						T099
		FUNCTION/SERVICE: CONT & INDIC FOR CV SYS FANS (UNIT 2)											



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	CV OLP23	CRIB HSE VENT SYS PANEL	POWERS REGULATOR		X-2286	123162	BB/113 594	P 1 CRIB	N/A	220-P-3036S10-12	22E-1-3147	T100
*			FUNCTION/SERVICE:		CONT & INDIC FOR CV SYS FANS (UNIT 1)							
	CV 1AB0456	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/20 630	A 4 AUX	N/A		22E-0-3083	X461
*			FUNCTION/SERVICE:		AIR CRAFT CRASH FIRE DETECTION SYSTEM							
*			FUNCTION/SERVICE:		SOUTHWEST AREA VENT FAN OBS							
*			FUNCTION/SERVICE:		SERVICE WATER BOOSTER PUMP ISOL VLV OMOV-SW006							
	CV 1AB0457	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/20 630	A 4 AUX	M/A		22E-0-3083	X462
*			FUNCTION/SERVICE:		AIR CRAFT CRASH FIRE DETECTION SYSTEM							
*			FUNCTION/SERVICE:		SOUTHWEST AREA VENT FAN OAS							
*			FUNCTION/SERVICE:		SERVICE WATER PUMP 1C & BOOSTER PUMP OB PRES SW 1PSL-SW148							
	CV 1AB0592	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/17 642	A 1 AUX	N/A		22E-0-3090	X473
*			FUNCTION/SERVICE:		AIR CRAFT CRASH FIRE DETECTION SYSTEM							
*			FUNCTION/SERVICE:		SOUTHWEST AREA VENT FAN OBS, OAS, OCS							
	CV 1CH0028	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	BB/109 594	P 1 CRIB	N/A		22E-1-3147	X484
*			FUNCTION/SERVICE:		AIR CRAFT CRASH FIRE DETECTION SYSTEM							
*			FUNCTION/SERVICE:		SOUTHWEST AREA VENT FAN OCS							
*			FUNCTION/SERVICE:		SERVICE WATER BOOSTER PUMP ISOL VLV OMOV-SW006							
	CV 1CH0029	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	BB/113 594	P 1 CRIB	N/A		22E-1-3147	X485
*			FUNCTION/SERVICE:		AIR CRAFT CRASH FIRE DETECTION SYSTEM							
*			FUNCTION/SERVICE:		SOUTHWEST AREA VENT FAN OAS							
*			FUNCTION/SERVICE:		SERVICE WATER PUMP 1C & BOOSTER PUMP OB PRES SW 1PSL-SW148							
	CV 1CH0030	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	CC/111 594	P 1 CRIB	N/A		22E-1-3147	X486
*			FUNCTION/SERVICE:		STANDBY INSTR AIR COMPR OCV028							
	DC 1AP006	4160V SWGR. ESS-BUS 147	ITE TYPE 5 HK-350		X-2240	103443	G/31 617	A 3 AUX	N/A	33-45122-E-31	22E 1-3203	Q001
*			FUNCTION/SERVICE:		125V DC MAIN & RESERVE CONTROL POWER SUPPLY							
	DC 1AP007	4160V SWGR. ESS-BUS 148	ITE TYPE 5 HK-350		X-2240	103443	G/33 617	A 3 AUX	N/A	33-45122-E-32	22E 1-3203	Q002
*			FUNCTION/SERV: E:		125V DC MAIN & RESERVE CONTROL POWER SUPPLY							

COMPONENT/EQUIPMENT ID SHEET

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*	DC 1A008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX	N/A	33-45122-E-33	22E-1-3203	Q003
*			FUNCTION/SERVICE: 125V DC MAIN & RESERVE CONTROL POWER SUPPLY									
*	DC 1A013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q007
*			FUNCTION/SERVICE: 125V DC MAIN & RESERVE CONTROL POWER SUPPLY									
*	DC 1A014	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q008
*			FUNCTION/SERVICE: 125V DC MAIN & RESERVE CONTROL POWER SUPPLY									
*	DC 1A015	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q009
*			FUNCTION/SERVICE: 125V DC MAIN & RESERVE CONTROL POWER SUPPLY									
*	DC 1CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	K/23 642	A 1 AUX	N/A	E12942 SH.7	22E-0-3090	S023
*			FUNCTION/SERVICE:									
*	DC 1CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.7	22E-0-3090	S024
*			FUNCTION/SERVICE:									
*	DC 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S025
*			FUNCTION/SERVICE:									
*	DC 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S026
*			FUNCTION/SERVICE:									
*	DC 1CB011	MCB- CONT ISOL	HARLO CORP.		X-2291	109918	K/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S028
*			FUNCTION/SERVICE:									
*	DC 1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/26 642	A 1 AUX	N/A	303211 SH.1&2	22E-0-3089	S030
*			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL FEED									
*	DC 1CB037	DC CONT PWR DIST CAB 111	FISH-H		X-2329	119387	H/26 642	A 1 AUX	N/A		22E-0-3089	S058
*			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED									
*	DC 1CB038	DC CONT PWR DIST CAB 112	FISH-H		X-2329	119387	H/30 642	A 1 AUX	N/A		22E-0-3089	S059
*			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED									

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*	DC 1CB039	DC CONT PWR DIST CAB 113	FISH-H		X-2329	119387	K/30 642	A 1 AUX	N/A		22E-0-3089	S060
												FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED
*	DC 1CB040	DC CONT PWR DIST CAB 114	FISH-H		X-2329	119387	G/26 642	A 1 AUX	N/A		22E-0-3089	S061
												FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED
*	DC 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
												FUNCTION/SERVICE:
*	DC OCB004	GENERAL SERV. PANEL	HARLO CORP.		X-2291	109918	G/20 642	A 1 AUX	N/A	E12945 SH.8	22E-0-3083	S105
												FUNCTION/SERVICE: CONTROL AND INDICATION FOR DC SYS PUMPS
*	DC OCB006	DATA ACQUIS. CABINET			CECO		L/23 642	A 1 AUX	N/A	E12945 SH.7	22E-1-3417	S107
												FUNCTION/SERVICE:
*	DC 1CB063	125V DC DIST CENTER 111	GE		X-2326	119389	K/27 642	A 1 AUX	N/A		22E-0-3089	S142
												FUNCTION/SERVICE:
*	DC 1CB064	125V DC DIST CENTER 112	GE		X-2326	119389	K/29 642	A 1 AUX	N/A		22E-0-3089	S143
												FUNCTION/SERVICE:
*	DC 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
												FUNCTION/SERVICE:
*	DC 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
												FUNCTION/SERVICE:
*	DC 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T004
												FUNCTION/SERVICE:
*	DC 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
												FUNCTION/SERVICE:
*	DC 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
												FUNCTION/SERVICE:



COMPONENT/EQUIPMENT ID SHEET

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*	DC 1LP07	DIESEL GEN O CONTROL	COOPER BESSEMER		X-2246	105573	G/32 592	A 5 DG	N/A		22E-1-3202	T036
			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL FEED									
*	DC 1LP09	DIESEL GEN 1A CONTROL	COOPER BESSEMER		X-2246	105573	H/33 592	A 5 DG	N/A		22E-1-3202	T038
			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL POWER									
*	DC 1LP11	DIESEL GEN 1B CONTROL	COOPER BESSEMER		X-2246	105573	H/34 592	A 5 DG	N/A		22E-1-3202	T040
			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL POWER									
*	DC 1LP54	NUCLEAR SAMP SYS ISOL VLV PANEL	FISH-H		X-2329	119387	G/17 592	A 6 AUX	N/A		22E-0-3070	T054
			FUNCTION/SERVICE:									
*	DC OLP51	125V DC DIST CNTR 011-1	GE		X-2326	119389	G/9 592	A 2 AUX	N/A		22E-2-3202	T104
			FUNCTION/SERVICE:									
*	DC OLP52	125V DC DIST CNTR 011-2	GE		X-2326	119389	G/9 592	A 2 AUX	N/A		22E-2-3202	T105
			FUNCTION/SERVICE:									
*	DC OLP59	BATT CHRGR 011 AC SUPPLY BRKR CONT STA	GE		X-2329	119387	G/9 592	A 2 AUX	N/A		22E-2-3202	T106
			FUNCTION/SERVICE:									
*	DC 1DC001	125V BATTERY NUMBER 111	GOULD- NATIONAL	FPS-25	X-2323	120141	L/28 642	A 16 AUX	N/A		22E-0-3089	U010
			FUNCTION/SERVICE: SUPPLY FOR 125V DC DISTRIBUTION CENTER 111									
*	DC 1DC002	125V BATTERY NUMBER 112	GOULD- NATIONAL	FPS-25	X-2323	120141	L/28 642	A 16 AUX	N/A		22E-0-3089	U012
			FUNCTION/SERVICE: SUPPLY FOR 125V DC DISTRIBUTION CENTER 112									
*	DC 1DC003	BATTERY CHARGER 111	POWER CON. PROD.	4270-1	X-2324	113963	K/28 642	A 1 AUX	N/A		22E-0-3089	U014
			FUNCTION/SERVICE: CHARGER FOR BATTERY 111									
*	DC 1DC004	BATTERY CHARGER 112	POWER CON. PROD.	4270-1	X-2324	113963	K/28 642	A 1 AUX	N/A		22E-0-3089	U016
			FUNCTION/SERVICE: CHARGER FOR BATTERY 112									
*	DC ODC001	125V BATTERY NUMBER 011	GOULD- NATIONAL	FPS-25	X-2323	120141	H/9 592	A 2 DG	N/A		22E-2-3202	U018
			FUNCTION/SERVICE: SUPPLY FOR 125V DC DISTRIBUTION CENTER 011									



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*	DC ODC002	BATTERY CHARGER O11	POWER	4270-1	X-2324	113963	G/9 592	A 2 DG	N/A		22E-0-3202	U019
*												
	DC 1CR11	REACTOR TRIP SWGR.	WEST		X-22005	382557	G/30 642	A 2 DG	N/A		22E-1-3205	U020
*												
	DC 1AB0517	JUNCTION BOX	FISH-H EM-	47150	X-2329	119387	K/28 630	A 4 AUX	N/A		22E-0-3102	X463
*												
	DC 1AB0521	JUNCTION BOX	FISH-H EM-	47150	X-2329	119387	J/28 630	A 4 AUX	N/A		22E-0-3102	X464
*												
	DC 1AB0526	JUNCTION BOX	FISH-H EM-	47150	X-2329	119387	K/26 630	A 4 AUX	N/A		22E-0-3102	X465
*												
	DC 1AB0527	JUNCTION BOX	FISH-H EM-	47150	X-2329	119387	J/28 630	A 4 AUX	N/A		22E-0-3102	X466
*												
	DC 1AB0528	JUNCTION BOX	FISH-H EM-	47150	X-2329	119387	J/26 630	A 4 AUX	N/A		22E-0-3102	X467
*												
	DG 1DG001	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/32 592'-0''	A 5 DG	N/A			D021
*												
	DG 1DG002	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/34 592'-0''	A 5 DG	N/A			D021
*												
	DG 1DG003	OIL PIMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/31 592'-0''	A 5 DG	N/A			D021
*												
	DG 1DG001	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/32 592'-0''	A 5 DG	N/A			D022
*												
	DG 1DG002	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/34 592'-0''	A 5 DG	N/A			D022
*												



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DG	1DG003	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/31 592'-0"	A 5	DG	N/A		D022	
			FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR										
DG	1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A 3	AUX	N/A	33-45122-E-31	22E 1-3203	Q001
			FUNCTION/SERVICE: DIESEL GENERATOR 0 FEED BREAKER										
DG	1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3	AUX	N/A	33-45122-E-32	22E 1-3203	Q002
			FUNCTION/SERVICE: DIESEL GENERATOR 1A FEED BREAKER										
DG	1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3	AUX	N/A	33-45122-E-33	22E 1-3203	Q003
			FUNCTION/SERVICE: DIESEL GENERATOR 1B FEED BREAKER										
DG	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3	AUX	N/A	75C247958 SH.18	22E-1-3203	Q013
			FUNCTION/SERVICE: POWER SUPPLY FOR DG 0 START AIR COMPRESSOR 0E & 0W AND LUBE OIL HTR (1DG006)										
DG	1AP031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A 3	AUX	N/A		22E-0-3059	Q014
			FUNCTION/SERVICE: POWER SUPPLY FOR DG 1A START AIR COMPRESSOR 1AE & 1AW AND LUBE OIL HTR (1DG004)										
DG	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3	AUX	N/A	75C247958S26.26A	22E-1-3203	Q015
			FUNCTION/SERVICE: POWER SUPPLY FOR DG 1B START AIR COMP'R 1BE.W & PRELUBE OIL PMP & HTR (1DG005)										
DG	1AI 090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3	AUX	N/A	75C247958 SH.22	22E-1-3203	Q019
			FUNCTION/SERVICE: POWER SUPPLY FOR DG 1A PRELUBE OIL PUMP										
DG	1CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	H/28 642	A 1	AUX	N/A	108D001	22E-0-3089	S001
			FUNCTION/SERVICE:										
DG	1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1	AUX	N/A	303211	22E-0-3089	S031
			FUNCTION/SERVICE:										
DG	1CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/28 642	A 1	AUX	N/A		22E-0-3089	S056
			FUNCTION/SERVICE:										
DG	1CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/27 642	A 1	AUX	N/A	108D001	22E-0-3089	S057
			FUNCTION/SERVICE:										

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*	DG 1CB070	MCB-DIESEL GEN 0A & AUX POWER	WEST		X-22005	382557	K/20 630	A 1	AUX	N/A		22E-0-3090	S111
*			FUNCTION/SERVICE:										
*	DG 1CB071	MCB-DIESEL GEN 1A & AUX POWER	WEST		X-22005	382557	K/20 630	A 1	AUX	N/A		22E-0-3090	S112
*			FUNCTION/SERVICE:										
*	DG 1CB072	MCB-DIESEL GEN 1B & AUX POWER	WEST		X-22005	382557	K/20 630	A 1	AUX	N/A		22E-0-3090	S113
*			FUNCTION/SERVICE:										
*	DG 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3	AUX	N/A	E13064-SH01A	22E-1-3203	T001
*			FUNCTION/SERVICE:										
*	DG 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3	AUX	N/A	E13064-SH01B	22E-1-3203	T003
*			FUNCTION/SERVICE:										
*	DG 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3	AUX	N/A	E13064-SH01C	22E-1-3203	T005
*			FUNCTION/SERVICE:										
*	DG 1LP07	DIESEL GEN 0 CONTROL	COOPER BESSEMER		X-2246	105573	G/32 592	A 5	DG	N/A		22E-1-3202	T036
*			FUNCTION/SERVICE:										
*	DG 1LP08	DIESEL GEN 0 DIESEL START-	COOPER BESSEMER		X-2246	105573	H/32 592	A 5	DG	N/A		22E-1-3202	T037
*			FUNCTION/SERVICE: CONT & INDIC FOR DG SYS AIR COMPR PUMP & HTR										
*	DG 1LP09	DIESEL GEN 1A CONTROL	COOPER BESSEMER		X-2246	105573	H/33 592	A 5	DG	N/A		22E-1-3202	T038
*			FUNCTION/SERVICE:										
*	DG 1LP10	DIESEL GEN 1A DIESEL START- UP	COOPER BESSEMER		X-2246	105573	H/33 592	A 5	DG	N/A		22E-1-3202	T039
*			FUNCTION/SERVICE: CONT & INDIC FOR DG SYS AIR COMPR HTR & PUMPS										
*	DG 1LP11	DIESEL GEN 1B CONTROL	COOPER BESSEMER		X-2246	105573	H/34 592	A 5	DG	N/A		22E-1-3202	T040
*			FUNCTION/SERVICE:										
*	DG 1LP12	DIESEL GEN 2A DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/33 592	A 5	DG	N/A		22E-1-3202	T041
*			FUNCTION/SERVICE: CONT & INDIC FOR DG SYS AIR COMPR'S & HTR										

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*	DG 1LP55	DIESEL GEN 1A NEUT GRDG CAB	COOPER BESSEMER		X-2246	105573	G/33 592	A 5 DG	N/A		22E-1-3202	T055
*			FUNCTION/SERVICE:									
*	DG 1LP56	DIESEL GEN 1B NEUT GRDG CAB	COOPER BESSEMER		X-2246	105573	G/33 592	A 5 DG	N/A		22E-1-3202	T056
*			FUNCTION/SERVICE:									
*	DG 0LP33	DIESEL GEN 0 NEUT GRDG CAB	WEST		X-2327	121059	G/31 592	A 5 DG	N/A		22E-1-3202	T102
*			FUNCTION/SERVICE:									
*	DG 1AB0259	JUNCTION BOX	COOP-B		X-2246	105573	H/30 592	A 5 DG	N/A	KSV 102-6	22E-1-3202	X433
*			FUNCTION/SERVICE: DIESEL GENERATOR 0 SPEED & VOLTAGE CONTROL									
*	DG 1AB0260	JUNCTION BOX	COOP-B		X-2246	105573	J/31 592	A 5 DG	N/A	KSV 102-6	22E-1-3202	X434
*			FUNCTION/SERVICE: DIESEL GENERATOR 0 SPEED & VOLTAGE CONTROL									
*	DG 1AB0262	JUNCTION BOX	COOP-B		X-2246	105573	H/32 592	A 5 DG	N/A	KSV 102-6	22E-1-3202	X435
*			FUNCTION/SERVICE: DIESEL GENERATOR 1A SPEED & VOLTAGE CONTROL									
*	DG 1AB0263	JUNCTION BOX	COOP-B		X-2246	105573	J/32 592	A 5 DG	N/A	KSV 102-6	22E-1-3202	X436
*			FUNCTION/SERVICE: DIESEL GENERATOR 1A CONTROL									
*	DG 1AB0265	JUNCTION BOX	COOP-B		X-2246	105573	H/34 592	A 5 DG	N/A	KSV 102-6	22E-1-3202	X437
*			FUNCTION/SERVICE: DIESEL GENERATOR 1B SPEED & VOLTAGE CONTROL									
*	DG 1AB0266	JUNCTION BOX	COOP-B		X-2246	105573	J/34 592	A 5 DG	N/A	KSV 102-6	22E-1-3202	X438
*			FUNCTION/SERVICE: DIESEL GENERATOR 1B CONTROL									
*	DG 1AB0673	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/33 592	A 5 DG	N/A		22E-1-3202	X479
*			FUNCTION/SERVICE: DIESEL GENERATOR 0 LUBE OIL HEATER									
*	DG 1AB0674	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/33 592	A 5 DG	N/A		22E-1-3202	X480
*			FUNCTION/SERVICE: DIESEL GENERATOR 1A LUBE OIL HEATER									
*	DG 1AB0675	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/33 592	A 5 DG	N/A		22E-1-3202	X481
*			FUNCTION/SERVICE: DIESEL GENERATOR 1B LUBE OIL HEATER									

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*	DD 0D0003	PUMP MOTOR UNIT 0E	WEST	TBFC	X-2335	124315	H/32 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
*		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK										
*	DD 0D0004	PUMP MOTOR UNIT 0W	W T	TBFC	X-2335	124315	H/32 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
*		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK										
*	DD 1D0003	PUMP MOTOR UNIT 1AE	WEST	TBFC	X-2335	124315	H/33 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
*		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK										
*	DD 1D0004	PUMP MOTOR UNIT 1AW	WEST	TBFC	X-2335	124315	H/33 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
*		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK										
*	DD 1D0005	PUMP MOTOR UNIT 1BE	WEST	TBFC	X-2335	124315	H/34 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
*		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK										
*	DD 1D0006	PUMP MOTOR UNIT 1BW	WEST	TBFC	X-2335	124315	H/34 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
*		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK										
*	DD 0D0015	PUMP MOTOR UNIT 0A	WEST	TBFC	X-2335	124315	P/21 552'-0''	A 7 AUX	N/A		213T-C	M-38 DO12
*		FUNCTION/SERVICE: ACTUATES PUMP/FROM DIESEL OIL STORAGE TANK TO CONT. SPRAY PUMPS (DIESEL DRIVEN)										
*	DD 0D0016	PUMP MOTOR UNIT 0B	WEST	TBFC	X-2335	124315	P/21 552'-0''	A 7 AUX	N/A		213T-C	M-38 DO12
*		FUNCTION/SERVICE: ACTUATES PUMP/FROM DIESEL OIL STORAGE TANK TO CONT. SPRAY PUMPS (DIESEL DRIVEN)										
*	DD 0LSL-0004B	LEVEL SWITCH	MERCOD	7.5K	X-2246		592'-0''	A 5	DG	N/A		M-38 M701
*		FUNCTION/SERVICE: TRANSFER PUMP CONTROL/DIESEL GENERATOR DIESEL OIL DAY TANK 0										
*	DD 1LSL-0008B	LEVEL SWITCH	MERCOD	7.5K	X-2246		592'-0''	A 5	DG	N/A		M-38 M701
*		FUNCTION/SERVICE: TRANSFER PUMP CONTROL/DIESEL GENERATOR DIESEL OIL DAY TANK 1A										
*	DD 1LSL-0009B	LEVEL SWITCH	MERCOD	7.5K	X-2246		592'-0''	A 5	DG	N/A		M-38 M701
*		FUNCTION/SERVICE: TRANSFER PUMP CONTROL/DIESEL GENERATOR DIESEL OIL DAY TANK 1B										
*	DD 1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958	SH18-9 22E-1-3203	Q013
*		FUNCTION/SERVICE: POWER SUPPLY FOR DG O OIL TRANSFER PUMP OE.W										



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DO	1A031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A 3 AUX	N/A		22E-0-3059	0014
		FUNCTION/SERVICE: POWER SUPPLY FOR DG 1A OIL TRANSFER PUMPS 1D0003,4										
DO	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958S26,26A	22E-1-3203	0015
		FUNCTION/SERVICE: POWER SUPPLY FOR DG 1B OIL TRANSFER PUMPS 1D0005,6										
DO	1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958 SH.25	22E-0-3056	0020
		FUNCTION/SERVICE: POWER SUPPLY FOR DIESEL OIL TRANSFER PUMP 0D0015										
DO	1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-220005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	5031
		FUNCTION/SERVICE:										
DO	1LP08	DIESEL GEN 0 DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/32 592	A 5 DG	N/A		22E-1-3202	T037
		FUNCTION/SERVICE: CONT 6 INDIC FOR DG 0 OIL TRANSFER PUMPS										
DO	1LP10	DIESEL GEN 1A DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/33 592	A 5 DG	N/A		22E-1-3202	T039
		FUNCTION/SERVICE: CONT 8 INDIC FOR DG 1A OIL TRANSFER PUMPS										
DO	1LP12	DIESEL GEN 1B DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/33 592	A 5 DG	N/A		22E-1-3202	T041
		FUNCTION/SERVICE: CONT 8 INDIC FOR DG 1B OIL TRANSFER PUMPS										
DO	1AB0159	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/32 570	A 5 DG	N/A		22E-1-3201	X429
		FUNCTION/SERVICE: DG TRANSFER PUMP OE										
DO	1AB0205	JUNCTION BOX					H/32 570	A 5 DG	N/A		22E-1-3201	X431
		FUNCTION/SERVICE: DG TRANSFER PUMP OW										
FW	1FW001	PUMP MOTOR UNIT	WEST	CS-F S/N: 1S-77	X-2205		E/22 617'-0''	T 1 TURB	N/A		M-22	B753
		FUNCTION/SERVICE: ACTUATES PUMP/MAIN FW PUMP 1A										
FW	1FW002	OIL PUMP MOTOR UNIT	WEST	ABFC	X-2205		F/23 617'-0''	T 1 TURB	N/A		M-22	B754
		FUNCTION/SERVICE: LUBRICATES PUMP/MAIN FW PUMP 1B OIL UNIT										
FW	1FW003	OIL PUMP MOTOR UNIT	WEST	ABFC	X-2205		E/23 617'-0''	T 1 TURB	N/A		M-22	B754
		FUNCTION/SERVICE: LUBRICATES PUMP/MAIN FW PUMP 1C OIL UNIT										

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*	FW 1FT-FW02	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13 AUX	N/A		M-22,M-295	M206
*			FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION & ALARM/AUX FW TO SG A									
*	FW 1FT-FW04	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13 AUX	N/A		M-22,M-295	M206
*			FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION & ALARM/AUX FW TO SG C									
*	FW 1FT-FW25	FLDW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13 AUX	N/A		M-22,M-295	M206
*			FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION & ALARM/AUX FW TO SG D									
*	FW 1FI-FW02	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A 1 AUX	N/A			M209
*			FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A									
*	FW 1FI-FW03	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A 1 AUX	N/A			M209
*			FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B									
*	FW 1FI-FW04	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A 1 AUX	N/A			M209
*			FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C									
*	FW 1FI-FW25	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A 1 AUX	N/A			M209
*			FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D									
*	FW 1FI-0510A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-22	M209
*			FUNCTION/SERVICE:SG A FW FLOW INDICATION/SG A FEEDWATER									
*	FW 1FI-0511	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-22	M209
*			FUNCTION/SERVICE:SG A FW FLOW INDICATION/SG A FEEDWATER									
*	FW 1FI-0512	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*			FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION/SG LOOP A STEAM									
*	FW 1FI-0513	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*			FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION/SG LOOP A STEAM									
*	FW 1FI-0520A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-22	M209
*			FUNCTION/SERVICE:SG C FW FLOW INDICATION/SG C FEEDWATER									

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*	FW 1FI-0521	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-22	M209
*													
*	FW 1FI-0522	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-20	M209
*													
*	FW 1FI-0523	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-20	M209
*													
*	FW 1FI-0530A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-22	M209
*													
*	FW 1FI-0531	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-22	M209
*													
*	FW 1FI-0532	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-20	M209
*													
*	FW 1FI-0533	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-20	M209
*													
*	FW 1FI-0540A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-22	M209
*													
*	FW 1FI-0541	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-22	M209
*													
*	FW 1FI-0542	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-20	M209
*													
*	FW 1FI-0543	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-20	M209
*													
*	FW 1LI-0517	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX		N/A		M-22	M209
*													

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL./ROW. ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 1LI-0518	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL									
FW 1LI-0519	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL									
FW 1LI-0527	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL									
FW 1LI-0528	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL									
FW 1LI-0529	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL									
FW 1LI-0537	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL									
FW 1LI-0538	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL									
FW 1LI-0539	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL									
FW 1LI-0547	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL									
FW 1LI-0548	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL									
FW 1LI-0549	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL									
FW 1PI-FW18	PRESSURE INDICATOR	WEST VX-252	X-2291	110478	J/22	642'-0"	A 1 AUX	N/A	M-22	M-22	M209
		FUNCTION/SERVICE: FW PUMP DISCH. PRESSURE INDICATION/FW PUMP DISCH. PRESSURE									



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*	FW 1PI-0514A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110 B	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0514A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0515	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0516A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0524A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0525	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0526A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0534A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0535	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0536A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0544A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
*	FW 1PI-0545	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1PI-0546A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A		M-20	M209
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM								
*	FW 1PT-FW18	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2311		B/23 617'-0''	T 1 TURB	N/A			M211
				FUNCTION/SERVICE: FW PUMP DISCHARGE PRESSURE INDICATION/FW PUMP DISCHARGE PRESSURE								
*	FW 1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3 AUX	N/A	33-45122-E-32	22E 1-3203	Q002
				FUNCTION/SERVICE:								
*	FW 1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX	N/A	33-45122-E-33	22E 1-3203	Q003
				FUNCTION/SERVICE:								
*	FW 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958 SH.26	22E-1-3203	Q015
				FUNCTION/SERVICE:								
*	FW 1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
				FUNCTION/SERVICE:								
*	FW 1APO36	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-0-3059	Q017
				FUNCTION/SERVICE:								
*	FW 1APO46	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7 AUX	N/A	75C247958 SH.20	22E-0-3051	Q018
				FUNCTION/SERVICE:								
*	FW 1APO90	480V MCC ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A		22E-1-3203	Q019
				FUNCTION/SERVICE:								
*	FW 1APO91	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958 SH.25	22E-0-3056	Q020
				FUNCTION/SERVICE:								
*	FW 1APO92	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29	22E-0-3059	Q021
				FUNCTION/SERVICE:								
*	FW 1APO93	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-0-3059	Q022
				FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1A055	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q035
*					FUNCTION/SERVICE:							
*	FW 1A001	4160V SWGR. BUS 141	ITE	TYPE 5 HK-350	X-2240	103443	G/31 642	A 2 DG	N/A	33-45122-E-26	22E 1-3205	Q039
*					FUNCTION/SERVICE:							
*	FW 1A003	4160V SWGR. BUS 143	ITE	TYPE 5 HK-350	X-2240	103443	H/32 642	A 2 DG	N/A	33-45122-E-28	22E 1-3205	Q041
*					FUNCTION/SERVICE:							
*	FW 1CB035	N5SS AUX RLY RACK	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	108D001	22E-0-3089	S001
*					FUNCTION/SERVICE:							
*	FW 1CB077	PROC I&C RACK CONT GR 1	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	5978D69	22E-0-3089	S004
*					FUNCTION/SERVICE:							
*	FW 1CB078	PROC I&C RACK CONT GR 2	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	5978D72	22E-0-3089	S005
*					FUNCTION/SERVICE:							
*	FW 1CB079	PROC I&C RACK CONT GR 3	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S006
*					FUNCTION/SERVICE:							
*	FW 1CB080	PROC I&C RACK CONT GR 4	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S007
*					FUNCTION/SERVICE:							
*	FW 1CB087	INSTR DIST BUS 111	FISH-H		X-2329	119387	H/28 642	A 1 AUX	N/A		22E-0-3089	S008
*					FUNCTION/SERVICE:							
*	FW 1CB089	INSTR DIST BUS 112	FISH-H		X-2329	119387	K/28 642	A 1 AUX	N/A		22E-0-3089	S009
*					FUNCTION/SERVICE:							
*	FW 1CB091	INSTR DIST BUS 113	FISH-H		X-2329	119387	K/29 642	A 1 AUX	N/A		22E-0-3089	S010
*					FUNCTION/SERVICE:							
*	FW 1CB093	INSTR DIST BUS 114	FISH-H		X-2329	119387	K/29 642	A 1 AUX	N/A		22E-0-3089	S011
*					FUNCTION/SERVICE:							

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD DRAWING	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH. 8	22E-0-3090	5025
*			FUNCTION/SERVICE:										
*	FW 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH. 8	22E-0-3090	5026
*			FUNCTION/SERVICE:										
*	FW 1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH. 8	22E-0-3090	5027
*			FUNCTION/SERVICE:										
*	FW 1CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	G/23 642	A 1	AUX	N/A	E12942 SH. 8	22E-0-3090	5029
*			FUNCTION/SERVICE:										
*	FW 1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/26 642	A 1	AUX	N/A	303211 SH. 1&2	22E-0-3089	5030
*			FUNCTION/SERVICE:										
*	FW 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1	AUX	N/A	303211	22E-0-3089	5031
*			FUNCTION/SERVICE:										
*	FW 1CB005	MCB- FEEDWATER	HARLO CORP.		X-2291	109918	K/22 642	A 1	AUX	N/A		22E-0-3090	5042
*			FUNCTION/SERVICE:										
*	FW 1CB015	MCB-ENG. SAFE. DIV. 18	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A		22E-0-3090	5045
*			FUNCTION/SERVICE:										
*	FW 1CB026	PROC. I&C RACK PROT. SET 1	WEST		X-22005	382557	G/28 642	A 1	AUX	N/A		22E-0-3089	5050
*			FUNCTION/SERVICE:										
*	FW 1CB027	PROC. I&C RACK PROT. SET 2	WEST		X-22005	382557	G/27 642	A 1	AUX	N/A		22E-0-3089	5051
*			FUNCTION/SERVICE:										
*	FW 1CB028	PROC. I&C RACK PROT. SET 3	WEST		X-22005	382557	K/28 642	A 1	AUX	N/A		22E-0-3089	5052
*			FUNCTION/SERVICE:										
*	FW 1CB029	PROC. I&C RACK PROT. SET 4	WEST		X-22005	382557	K/13 642	A 1	AUX	N/A		22E-0-3089	5053
*			FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET													
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*	FW 1CB030	REACTOR PROT. LOGIC A	WEST		X-2200S	382557	H/28 642	A	1	AUX	N/A	22E-0-3089	S054
					FUNCTION/SERVICE:								
*	FW 1CB031	REACTOR PROT. LOGIC B	WEST		X-2200S	382557	H/27 642	A	1	AUX	N/A	22E-0-3089	S055
					FUNCTION/SERVICE:								
*	FW 1CB032	ESF SAF ACT LOGIC A	WEST		X-2200S	382557	H/28 642	A	1	AUX	N/A	22E-0-3089	S056
					FUNCTION/SERVICE:								
*	FW 1CB033	ESF SAF ACT LOGIC B	WEST		X-2200S	382557	H/27 642	A	1	AUX	N/A 108D001	22E-0-3089	S057
					FUNCTION/SERVICE:								
*	FW 1CB037	DC CONTROL DIST. CAB. 111	FISH-H		X-2329	119387	H/26 642	A	1	AUX	N/A	22E-0-3089	S058
					FUNCTION/SERVICE:								
*	FW 1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A	1	AUX	N/A	22E-0-3089	S070
					FUNCTION/SERVICE:								
*	FW 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A	1	AUX	N/A	22E-0-3089	S071
					FUNCTION/SERVICE:								
*	FW 1CB096	SAFEGUARDS TEST CAB A	WEST		X-2200S	382557	G/29 642	A	1	AUX	N/A	22E-0-3089	S072
					FUNCTION/SERVICE:								
*	FW 1CB097	SAFEGUARDS TEST CAB B	WEST		X-2200S	382557	G/29 642	A	1	AUX	N/A	22E-0-3089	S073
					FUNCTION/SERVICE:								
*	FW 1CB105	PROCESS I&C RACKS CONT GROUP 1A					K/29 642	A	1	AUX	N/A	22E-0-3089	S076
					FUNCTION/SERVICE:								
*	FW 1CB111	EMER. INST. TEST CAB					G/26 642	A	1	AUX	N/A	22E-0-3089	S079
					FUNCTION/SERVICE:								
*	FW 1CB065	TURB DRVN STM GEN FW PMP 1B CONSOLE LOCAL	WEST		X-2200T	382557	D/23 617	T	1	TURB	N/A	22E-1-3122	S119
					FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET

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*	FW 1CB066	TURB DRVN STM GEN FW PMP 1C CONSOLE LOCAL	WEST		X-2200T	382557	F/23 617	T 1 TURB	N/A		22E-1-3121	S120
*		FUNCTION/SERVICE:										
*	FW 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
*		FUNCTION/SERVICE:										
*	FW 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
*		FUNCTION/SERVICE:										
*	FW 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T004
*		FUNCTION/SERVICE:										
*	FW 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
*		FUNCTION/SERVICE:										
*	FW 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
*		FUNCTION/SERVICE:										
*	FW 1CM008	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U002
*		FUNCTION/SERVICE:										
*	FW 1CM009	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U003
*		FUNCTION/SERVICE:										
*	FW 1K-1026	J.B. ON INST. RACK NO. 1RMO4	WF JHN BARNES		X-2313	123157	A/31 617	T 1 TURB	N/A		22E-1-3401	W001
*		FUNCTION/SERVICE:										
*	FW 1RMO4	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	A/31 617	T 1 TURB	N/A		22E-1-3401	W001
*		FUNCTION/SERVICE:										
*	FW 1TB0184	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	F/30 592	T 1 TURB	N/A		22E-1-3114	X361
*		FUNCTION/SERVICE:										
*	FW 1TB0033	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	F/22 560	T 1 TURB	N/A		22E-1-3101	X362
*		FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET

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*	FW 1TB0074	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	E/23 617	T 1 TURB	N/A		22E-1-3121	X365
*		FUNCTION/SERVICE:										
*	FW 1TB0075	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	E/20 617	T 1 TURB	N/A		22E-1-3121	X366
*		FUNCTION/SERVICE:										
*	FW 1TB0082	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/29 617	T 1 TURB	N/A		22E-1-3124	X367
*		FUNCTION/SERVICE:										
*	FW 1TB0083	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/27 617	T 1 TURB	N/A		22E-1-3124	X368
*		FUNCTION/SERVICE:										
*	FW 1TB0084	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/27 617	T 1 TURB	N/A		22E-1-3124	X369
*		FUNCTION/SERVICE:										
*	FW 1TB0174	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	B/32 592	T 1 TURB	N/A		22E-1-3116	X374
*		FUNCTION/SERVICE:										
*	FW 1K-1057	JUNCTION BOX		EB-214C			P/22 560	A13 AUX	N/A		22E-1-3407	X496
*		FUNCTION/SERVICE:										
*	IP 1A030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958 SH18-9	22E-1-3203	Q013
*		FUNCTION/SERVICE: POWER SUPPLY FOR INST DIST BUS 111; TRANSFORMER; INVERTER										
*	IP 1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958S26.26A	22E-1-3203	Q015
*		FUNCTION/SERVICE: POWER SUPPLY FOR INST DIST BUS 113; TRANSFORMER; INVERTER										
*	IP 1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH21-2	22E-1-3203	Q019
*		FUNCTION/SERVICE: POWER SUPPLY FOR INST DIST BUS 112; TRANSFORMER; INVERTER										
*	IP 1C035	NSSS AUX RLY RACK	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	108D001	22E-0-3089	S001
*		FUNCTION/SERVICE: CONTROL: 7.5KVA NSSS INSTRUMENT INVERTER 112 POWER AND DISTRIBUTION										
*	IP 1C077	PROC I&C RACK CONT GR 1	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	5978D69	22E-0-3089	S004
*		FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER POWER AND DISTRIBUTION										

COMPONENT/EQUIPMENT ID SHEET

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*	IP 1CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/28 642	A 1	AUX	N/A	5978D72	22E-0-3089	S005
					FUNCTION/SERVICE: CONTROL: 7.5KVA NSSS INSTRUMENT INVERTER 112								POWER AND DISTRIBUTION
*	IP 1CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/28 642	A 1	AUX	N/A		22E-0-3089	S006
					FUNCTION/SERVICE: CONTROL: 7.5KVA NSSS INSTRUMENT INVERTER 113								POWER AND DISTRIBUTION
*	IP 1CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/28 642	A 1	AUX	N/A		22E-0-3089	S007
					FUNCTION/SERVICE: CONTROL: 7.5KVA NSSS INSTRUMENT INVERTER 114								POWER AND DISTRIBUTION
*	IP 1CB087	INSTR DIST BUS 111	FISH-H		X-2329	119387	H/28 642	A 1	AUX	N/A		22E-0-3089	S008
					FUNCTION/SERVICE: CONTROL, INSTRUMENT DISTRIBUTION BUS 111								
*	IP 1CB089	INSTR DIST BUS 112	FISH-H		X-2329	119387	K/28 642	A 1	AUX	N/A		22E-0-3089	S009
					FUNCTION/SERVICE: CONTROL, INSTRUMENT DISTRIBUTION BUS 112								
*	IP 1CB091	INSTR DIST BUS 113	FISH-H		X-2329	119387	K/29 642	A 1	AUX	N/A		22E-0-3090	S010
					FUNCTION/SERVICE: CONTROL, INSTRUMENT DISTRIBUTION BUS 113								
*	IP 1CB093	INSTR DIST BUS 114	FISH-H		X-2329	119387	K/29 642	A 1	AUX	N/A		22E-0-3089	S011
					FUNCTION/SERVICE: CONTROL, INSTRUMENT DISTRIBUTION BUS 114								
*	IP 1CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	K/23 642	A 1	AUX	N/A	E12942 SH.7	22E-0-3090	S023
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 113								POWER AND DISTRIBUTION
*	IP 1CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH.7	22E-0-3090	S024
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 111								POWER AND DISTRIBUTION
*	IP 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH.8	22E-0-3090	S025
					FUNCTION/SERVICE: CONTROL- 7.5KVA NSSS INSTR. INVERTER 111								POWER AND DISTRIBUTION
*	IP 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH.8	22E-0-3090	S026
					FUNCTION/SERVICE: CONTROL- 7.5KVA NSSS INSTR. INVERTER 112								POWER AND DISTRIBUTION
*	IP 1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1	AUX	N/A	E12942 SH.8	22E-0-3090	S027
					FUNCTION/SERVICE: CONTROL- 7.5KVA NSSS INSTR. INVERTER 113								POWER AND DISTRIBUTION

COMPONENT/EQUIPMENT ID SHEET

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*	IP 1CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A	E12942 SH.B	22E-O-3090	S029
*					FUNCTION/SERVICE: CONTROL- 7.5KVA NSSS INSTR. INVERTER 114 POWER AND DISTRIBUTION							
*	IP 1CB005	MCB- FEEDWATER	HARLO CORP.		X-2291	109918	K/22 642	A 1 AUX	N/A		22E-O-3090	S042
*					FUNCTION/SERVICE: CONTROL- FLOW CONTROL VALVE 1FHC-510C FOR 1LCV-510C, STEAM GENERATOR 1A FW FLOW							
*					CONTROL- FLOW CONTROL VALVE 1FHC-520C FOR 1LCV-520C, STEAM GENERATOR 1C FW FLOW							
*					CONTROL- FLOW CONTROL VALVE 1FHC-530C FOR 1LCV-530C, STEAM GENERATOR 1D FW FLOW							
*					CONTROL- FLOW CONTROL VALVE 1FHC-540C FOR 1LCV-540C, STEAM GENERATOR 1B FW FLOW							
*	IP 1CB014	MCB-AREA RAD MONITOR CAB	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A		22E-O-3090	S044
*					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTR. INVERTER POWER AND DISTRIBUTION							
*	IP 1CB015	MCB-ENG SAFE DIV 1B	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A		22E-O-3090	S045
*					FUNCTION/SERVICE: CONTROL- AUTO. CONTROL SYSTEM, CIRCUIT B							
*	IP 1CB026	PROC I&C RACK PROT SET 1	WEST		X-22005	328557	G/28 642	A 1 AUX	N/A		22E-O-3089	S050
*					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTR. INVERTER POWER AND DISTRIBUTION							
*	IP 1CB027	PROC I&C RACK PROT SET 2	WEST		X-22005	382557	G/27 642	A 1 AUX	N/A		22E-O-3089	S051
*					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER POWER AND DISTRIBUTION							
*	IP 1CB028	PROC I&C RACK PROT SET 3	WEST		X-22005	382557	K/28 642	A 1 AUX	N/A		22E-O-3089	S052
*					FUNCTION/SERVICE: CONTROL, 7.5KVA NSSS INSTRUMENT INVERTER NO. 113, POWER AND DISTRIBUTION							
*	IP 1CB029	PROC I&C RACK PROT SET 4	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-O-3089	S053
*					FUNCTION/SERVICE: CONTROL, 7.5KVA NSSS INSTRUMENT INVERTER NO. 114, POWER AND DISTRIBUTION							
*	IP 1CB030	REACTOR PROT LOGIC A	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-O-3089	S054
*					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER POWER AND DISTRIBUTION							
*	IP 1CB031	REACTOR PROT LOGIC B	WEST		X-22005	382557	H/27 642	A 1 AUX	N/A		22E-O-3089	S055
*					FUNCTION/SERVICE: CONTROL, 7.5KVA NSSS INSTRUMENT INVERTER NO. 113, POWER AND DISTRIBUTION							
*	IP 1CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-O-3089	S056
*					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER POWER AND DISTRIBUTION							

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP	1CB033	ESF SAF ACT LOGIC R	WEST		X-2200S	382557	H/27 642	A 1 AUX	N/A	108D001	22E-O-3089	S057
					FUNCTION/SERVICE: CONTROL: 7.5KVA NSSS INSTRUMENT INVERTER 113 POWER AND DISTRICUTION							
IP	1CB105	PROCESS I&C RACKS CONT GROUP 1A					K/29 642	A 1 AUX	N/A		22E-O-3089	S076
					FUNCTION/SERVICE: FEED- 120V AC TO PROCESS INSTRUMENT AND CONTROL RACK CONT. 1A							
IP	1CB063	125V DC DIST CENTER 111	GE		X-2326	119389	K/27 642	A 1 AUX	N/A		22E-O-3089	S142
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 112							
IP	1CB064	125V DC DIST CENTER 112	GE		X-2326	119389	K/29 642	A 1 AUX	N/A		22E-O-3089	S143
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 114							
IP	1CB086	7.5 KVA INVERTER 111	WEST		X-2200S	382557	K/27 642	A 1 AUX	N/A		22E-O-3089	S146
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 111							
IP	1CB088	7.5 KVA INVERTER 112	WEST		X-2200S	382557	K/28 642	A 1 AUX	N/A		22E-O-3089	S147
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 112							
IP	1CB090	7.5 KVA INVERTER 113	WEST		X-2200S	382557	K/29 642	A 1 AUX	N/A		22E-O-3089	S148
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 113							
IP	1CB092	7.5 KVA INVERTER 114	WEST		X-2200S	382557	K/29 642	A 1 AUX	N/A		22E-O-3089	S149
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 114 R AND DISTRIBUTION							
IP	OLP51	125V DC DIST CNTR O11-1	GE		X-2326	119389	G/9 592	A 2 AUX	N/A		22E-2-3202	T104
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 111 POWER AND DISTRIBUTION							
IP	OLP52	125V DC DIST CNTR O11-2	GE		X-2326	119389	G/9 592	A 2 AUX	N/A		22E-2-3202	T105
					FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER POWER AND DISTRIBUTION							
IW	1PSL-IW05	PRESSURE SWITCH	UNITED ELECT.	J302-35B	X-2242		L/23 560'-0''	A 7 AUX	N/A		M-39, M-297	N501
					FUNCTION/SERVICE: ISVW TK PRESSURE ALARM/IVSW TK NITROGEN PRESSURIZATION							
IW	1CB008	MCB-ESF DIV 17	HARLO CORP.		X-2200S	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S025
					FUNCTION/SERVICE: CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	C.E.C.O. P.O. NO.	COL./ROW ELEVATN	CONTAIN IN OUT	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IW 1CBO09	MCB-ESF DIV 18	WEST	X-22005	382557	H/23	A 1 AUX	N/A	E 12942 SH.8	22E-O-3090	5026
	FUNCTION/SERVICE :									
IW 1CBO11	MCB-CONT ISOL	HARLO CORP.	X-2291	109918	K/23	A 1 AUX	N/A	E 12942 SH.8	22E-O-3090	5028
	FUNCTION/SERVICE :									
IW 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.	X-2305	123159	H/30	A 3 AUX	N/A	E 13064-SHO1D	22E-1-3203	T002
	FUNCTION/SERVICE :									
IW 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.	X-2305	123159	J/32	A 3 AUX	N/A	E 13064-SHO1B	22E-1-3203	T003
	FUNCTION/SERVICE :									
MS 1APO30	480V AUX BLDG GE ESS MCC 1371	GE	X-2260	103869	J/31	A 3 AUX	N/A	75C247958 SH18-9	22E-1-3203	Q013
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VLVS 1MOV-MS0005, 1MOV-MS0017, 1MOV-MS0004									
MS 1APO31	480V AUX BLDG GE ESS MCC 1381A	GE	X-2260	103869	N/19	A 3 AUX	N/A		22E-O-3059	Q014
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VLV 1MOV-MS0006									
MS 1APO33	480V AUX BLDG GE ESS MCC 1391	GE	X-2260	103869	H/34	A 3 AUX	N/A	75C247958S26,26A	22E-1-3203	Q015
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VALVES 1MOV-MS0002, 1MOV-MS0003, 1MOV-MS0011, 1MOV-MS0020									
MS 1APO4E	480V AUX BLDG GE ESS MCC 1372	GE	X-2260	103869	K/26	A 7 AUX	N/A	75C247958 SH.20	22E-O-3051	Q018
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VLV 1MOV-MS0173									
MS 1APO90	480V AUX BLDG GE ESS MCC 1381B	GE	X-2260	103869	J/32	A 3 AUX	N/A	75C247958 SH.22	22E-1-3203	Q019
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VALVES 1MOV-MS0001, 1MOV-MS0018									
MS 1APO91	480V AUX BLDG GE ESS MCC 1383B	GE	X-2260	103869	G/24	A 7 AUX	N/A	75C247958 SH.25	22E-O-3056	Q020
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VALVES 1MOV-MS0170									
MS 1APO93	480V AUX BLDG GE ESS MCC 1393C	GE	X-2260	103869	P/21	A 7 AUX	N/A	75C247958 SH.29	22E-O-3059	Q021
	FUNCTION/SERVICE : POWER SUPPLY FOR MS SYSTEM VALVES 1MOV-MS0171, 1MOV-MS0172									



COMPONENT/EQUIPMENT ID SHEET

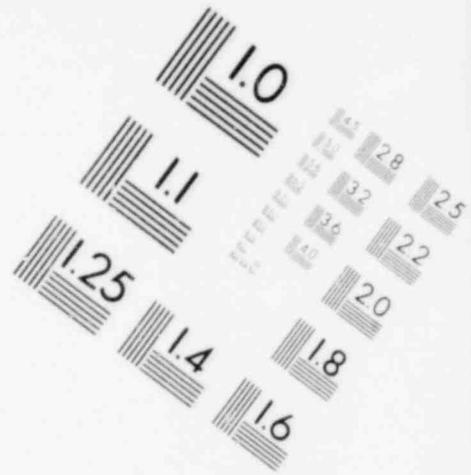
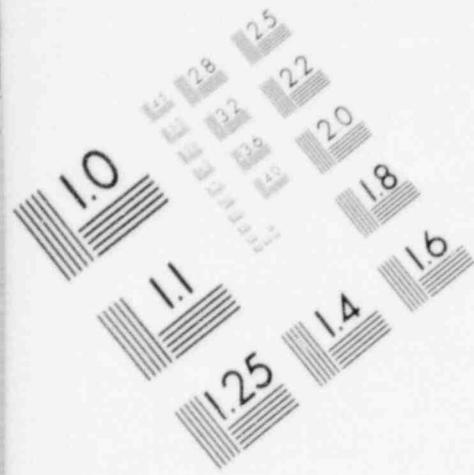
* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	F.LD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	1A055	MOV HTRS- DIST. PNL-DIV 19	FISH-H B/M-C-458		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-O-3059	Q035
					FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM MOV HEATERS							
MS	1CB035	NSSS AUX RLY RACK	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	108D001	22E-O-3089	S001
					FUNCTION/SERVICE: STEAM DUMP CONTROL							
MS	1CB075	PROC I&C COMP INPUT PNL 1	WEST		X-2200S	382557	K/28 642	A 1 AUX	N/A		22E-O-3089	S002
					FUNCTION/SERVICE: SIGNAL, STEAM GENERATOR 1A, LOOP A, MAIN STEAM PRESSURE							
MS	1CB076	PROC I&C COMP INPUT PNL 2	WEST		X-2200S	382557	K/27 642	A 1 AUX	N/A		22E-O-3089	S003
					FUNCTION/SERVICE: SIGNAL, STEAM GENERATOR 1A, LOOP A, MAIN STEAM FLOW							
MS	1CB077	PROC I&C RACK CONT GR 1	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	5378D69	22E-O-3089	S004
					FUNCTION/SERVICE:							
MS	1CB078	PROC I&C RACK CONT GR 2	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	5978D72	22E-O-3089	S005
					FUNCTION/SERVICE: SIGNAL, MAIN TURBINE IMPULSE PRESSURE INSTRUMENTS							
MS	1CB079	PROC I&C RACK CONT GR 3	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-O-3089	S006
					FUNCTION/SERVICE:							
MS	1CB080	PROC I&C RACK CONT GR 4	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-O-3089	S007
					FUNCTION/SERVICE:							
MS	1CB006	MCB-REACTOR CONTROL	WEST		X-2200S	382557	K/23 642	A 1 AUX	N/A	E12942 SH.7	22E-O-3090	S023
					FUNCTION/SERVICE:							
MS	1CB008	MCB-ESF DIV 17	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S025
					FUNCTION/SERVICE: CONTROL & INDICATION FOR MS SYSTEM VALVES							
MS	1CB009	MCB-ESF DIV 18	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S026
					FUNCTION/SERVICE: CONTROL & INDICATION FOR MS SYSTEM VALVES							
MS	1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/26 642	A 1 AUX	N/A	303211	22E-O-3089	S031
					FUNCTION/SERVICE: ALARM, STEAM GENERATOR 1C, LOOP C							

COMPONENT/EQUIPMENT ID SHEET

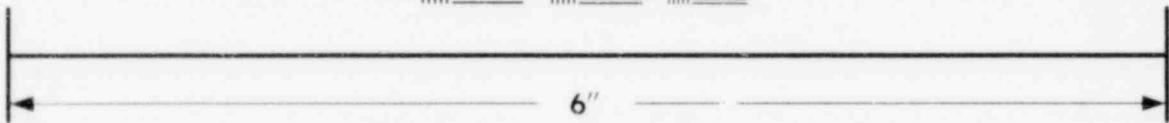
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*	MS 1CB010	MCB-ESF DIV 19	WEST		X-2200S	382557	H/23 642	A 1	AUX	N/A	E12942 SH-8	22E-O-3090	S036
*					FUNCTION/SERVICE: CONTROL & INDICATION FOR MS SYSTEM VALVES								
*	MS 1CB026	PROC I&C RACK PROT SET 1	WEST		X-2200S	382557	G/28 642	A 1	AUX	N/A		22E-O-3089	S050
*					FUNCTION/SERVICE: CONTROL, STEAM GENERATOR 1A, LOOP A								
*	MS 1CB027	PROC I&C RACK PROT SET 2	WEST		X-2200S	382557	G/27 642	A 1	AUX	N/A		22E-O-3089	S051
*					FUNCTION/SERVICE: SIGNAL FOR STEAM GENERATOR 1A, LOOP A								
*	MS 1CB028	PROC I&C RACK PROT SET 3	WEST		X-2200S	382557	K/28 642	A 1	AUX	N/A		22E-O-3089	S052
*					FUNCTION/SERVICE: SIGNAL FOR STEAM GENERATOR 1C, LOOP C								
*	MS 1CB029	PROC I&C RACK PROT SET 4	WEST		X-2200S	382557	K/13 642	A 1	AUX	N/A		22E-O-3089	S053
*					FUNCTION/SERVICE: SIGNAL FOR STEAM GENERATOR 1A, LOOP A								
*	MS 1CB030	REACTOR PROT LOGIC A	WEST		X-2200S	382557	H/28 642	A 1	AUX	N/A		22E-O-3089	S054
*					FUNCTION/SERVICE:								
*	MS 1CB031	REACTOR PROT LOGIC B	WEST		X-2200S	382557	H/27 642	A 1	AUX	N/A		22E-O-3089	S055
*					FUNCTION/SERVICE: CONTROL & INDICATION FOR STEAM GENERATOR 1A, LOOP NO. 1, MS FLOW								
*	MS 1CB032	ESF SAF ACT LOGIC A	WEST		X-2200S	382557	H/28 642	A 1	AUX	N/A		22E-O-3089	S056
*					FUNCTION/SERVICE: CONTROL & INDICATION FOR STEAM GENERATOR 1A, LOOP NO. 1, MS FLOW								
*	MS 1CB033	ESF SAF ACT LOGIC B	WEST		X-2200S	382557	H/27 642	A 1	AUX	N/A	1080001	22E-O-3089	S057
*					FUNCTION/SERVICE: CONTROL FOR STEAM GENERATOR 1A, LOOP A								
*	MS 1CB037	DC CONT PWR DIST CAB 111	FISH-H		X-2329	119387	H/26 642	A 1	AUX	N/A		22E-O-3089	S058
*					FUNCTION/SERVICE: CONTROL, MAINSTEAM LINE ISOLATION VALVE, LOOP B								
*	MS 1CB038	DC CONT PWR DIST CAB 112	FISH-H		X-2329	119387	H/30 642	A 1	AUX	N/A		22E-O-3089	S059
*					FUNCTION/SERVICE: CONTROL, MAINSTEAM LINE ISOLATION VALVE, LOOP A								
*	MS 1CB039	DC CONT PWR DIST CAB 113	FISH-H		X-2329	119387	K/30 642	A 1	AUX	N/A		22E-O-3089	S060
*					FUNCTION/SERVICE: CONTROL, MAINSTEAM LINE ISOLATION VALVE, LOOP C								

COMPONENT/EQUIPMENT ID SHEET

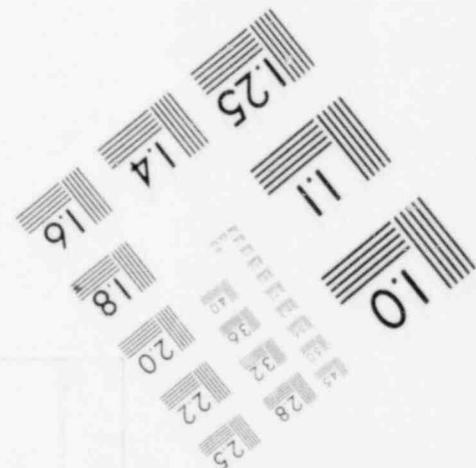
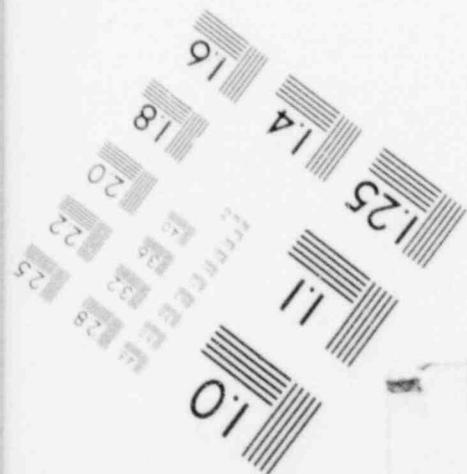
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S070
					FUNCTION/SERVICE: CONTROL, MAIN STEAM LINE ISOLATION VALVES, LOOP A							
MS	1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
					FUNCTION/SERVICE:							
MS	1CB096	SAFEGUARDS TEST CAB A	WEST		X-22005	382557	G/29 642	A 1 AUX	N/A		22E-0-3089	S072
					FUNCTION/SERVICE:							
MS	1CB097	SAFEGUARDS TEST CAB B	WEST		X-22005	382557	G/29 642	A 1 AUX	N/A		22E-0-3089	S073
					FUNCTION/SERVICE:							
MS	1CB109	EMER. INST. TEST CABINET					G/26 642	A 1 AUX	N/A		22E-0-3089	S077
					FUNCTION/SERVICE:							
MS	1CB005	MCB-FEEDWATER	HARLO CORP.		X-2291	109918	K/22 642	A 1 AUX	N/A		22E-0-3090	S121
					FUNCTION/SERVICE: CONTROL & INDICATION FOR MS SYSTEM VALVES							
MS	1CB003	MCB-TURBINE	HARLO CORP.		X-2291	109918	K/21 642	A 1 AUX	N/A		22E-0-3090	S129
					FUNCTION/SERVICE: STEAM DUMP CONTROL							
MS	1TB0053	SPLICE BOX		EB-215			F/31 560	T 1 TURB	N/A		22E-1-3104	X363
					FUNCTION/SERVICE: STEAM GENERATORS 1B & 1D, ATMOSPHERE DUMP VALVES							
MS	1TB0065	SPLICE BOX		EB-215			F/31 560	T 1 TURB	N/A		22E-1-3104	X364
					FUNCTION/SERVICE: STEAM GENERATOR 1A ATMOSPHERE DUMP VALVE							
MS	1TB0091	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	F/31 617	T 1 TURB	N/A		22E-1-3124	X370
					FUNCTION/SERVICE: STEAM DUMP CONTROL A, VALVES 1PCV-MS21A, 1PCV-MS21B, 1PCV-MS21C, 1PCV-MS21D, 1PCV-MS21E, 1PCV-MS21F, 1PCV-MS21G, 1PCV-MS21H, 1PCV-MS21J, 1PCV-MS21K, 1PCV-MS21L, 1PCV-MS21M							
MS	1TB0092	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	F/31 617	T 1 TURB	N/A		22E-1-3124	X371
					FUNCTION/SERVICE: STEAM DUMP CONTROL B, VALVES 1PCV-MS21A, 1PCV-MS21B, 1PCV-MS21C, 1PCV-MS21D, 1PCV-MS21E, 1PCV-MS21F, 1PCV-MS21G, 1PCV-MS21H, 1PCV-MS21J, 1PCV-MS21K, 1PCV-MS21L, 1PCV-MS21M							

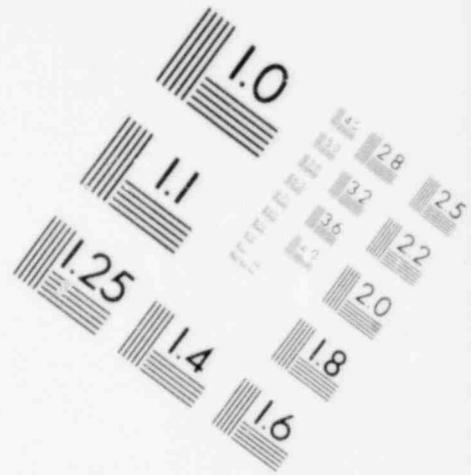
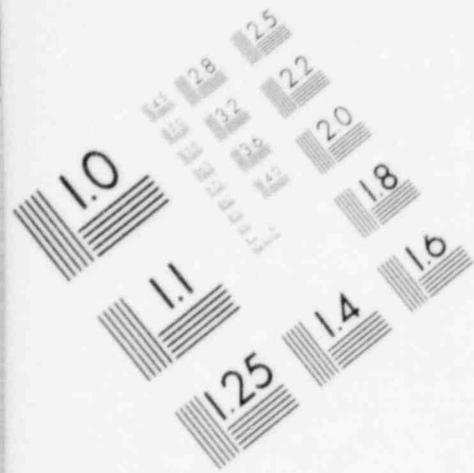


**IMAGE EVALUATION
TEST TARGET (MT-3)**

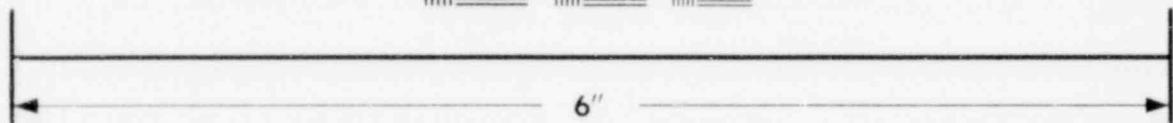


MICROCOPY RESOLUTION TEST CHART

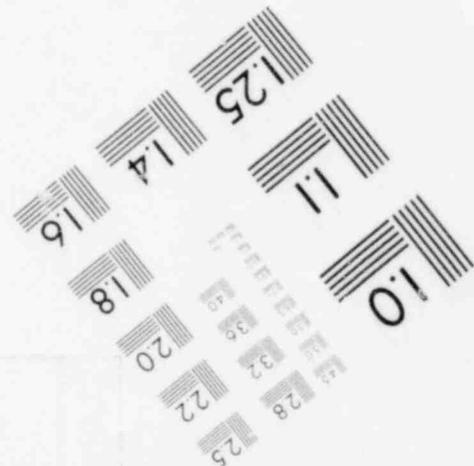
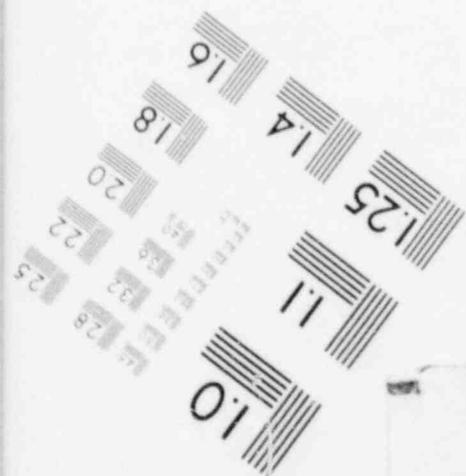




**IMAGE EVALUATION
TEST TARGET (MT-3)**



MICROCOPY RESOLUTION TEST CHART



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COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	1TBO138	SPLICE BOX		EB-215			G/30 592	T 1 TURB	N/A		22E-1-3114	X372
*												FUNCTION/SERVICE: STEAM GENERATORS 1A, B, C & D, ATMOSPHERE DUMP VALVES
MS	1TBO139	SPLICE BOX		EB-215			F/36 592	T 1 TURB	N/A		22E-1-3114	X373
*												FUNCTION/SERVICE: STEAM GENERATORS 1B & 1D, ATMOSPHERE DUMP VALVES
MS	1TBO178	SPLICE BOX		EB-215			F/29 560	T 1 TURB	N/A		22E-1-3104	X375
*												FUNCTION/SERVICE: STEAM GENERATOR 1C, ATMOSPHERE DUMP VALVE
MS	1AB0255	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/33 630	A 4 AUX	N/A		22E-1-3207	X432
*												FUNCTION/SERVICE: STEAM DUMP CONTROL
MS	1AB0364	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/29 560	A 7 AUX	N/A		22E-0-3056	X452
*												FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVE LOOPS A, B, C, D
MS	1AB0543	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/29 560	A 7 AUX	N/A		22E-0-3056	X468
*												FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVE LOOP A
MS	1AB0544	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/30 544	A 7 AUX	N/A		22E-0-3056	X469
*												FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVE LOOPS A, B, C, D
MS	1K-1039	JUNCTION BOX		EB-214E			F/32 617	P 1 CRIB	N/A		22E-1-3402	X494
*												FUNCTION/SERVICE: SIGNAL STEAM DUMP CONTROL
OV	00V001	A/H UNIT FAN MOTOR	WEST	PCB 272B/ 284T FRAME	X-2283		H/12 617'-0''	A 4 AUX	N/A		M-77	E501
*												FUNCTION/SERVICE: COMPUTER ROOM AUX ELEC. EQUIP. ROOM MISC. RM'S/TEMPERATURE CONTROL
OV	00V002	A/H UNIT FAN MOTOR	WEST	PCB 272B/ 284T FRAME	X-2283		G/12 617'-0''	A 4 AUX	N/A		M-77	E501
*												FUNCTION/SERVICE: COMPUTER ROOM AUX ELEC. EQUIP. ROOM MISC. RM'S/TEMPERATURE CONTROL
OV	00V001	A/H UNIT FAN MOTOR	WEST	PCB 272B/ 284T FRAME	X-2283		H/12 617'-0''	A 4 AUX	N/A		M-77	E501
*												FUNCTION/SERVICE: COMPUTER ROOM AUX ELEC. EQUIP. ROOM MISC. RM'S/TEMPERATURE CONTROL
OV	00V002	A/H UNIT FAN MOTOR	WEST	PCB 272B/ 284T FRAME	X-2283		G/12 617'-0''	A 4 AUX	N/A		M-77	E501
*												FUNCTION/SERVICE: COMPUTER ROOM AUX ELEC. EQUIP. ROOM MISC. RM'S/TEMPERATURE CONTROL

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
OV	00V003	RETURN FAN MOTOR	WEST	29A9-1750-34 X-2276 /213 TCZ FRM			G/14 617'-0''	A 4 AUX	N/A		M-77	E502
*												
OV	00V004	RETURN FAN MOTOR	WEST	29A9-1750-34 X-2276 284T FRAME			G/14 617'-0''	A 4 AUX	N/A		M-77	E502
*												
OV	00V003	RETURN FAN MOTOR	WEST	29A9-1750-34 X-2276 /213 TCZ FRM			G/14 617'-0''	A 4 AUX	N/A		M-77	E502
*												
OV	00V004	RETURN FAN MOTOR	WEST	29A9-1750-34 X-2276 284T FRAME			G/14 617'-0''	A 4 AUX	N/A		M-77	E502
*												
OV	00V005	REFRIGERATION FAN MOTOR	GE	365 TS FRAME X-2282 O.D.P.			H/14 617'-0''	A 4 AUX	N/A		M-77	E503
*												
OV	00V006	REFRIGERATION FAN MOTOR	GE	365 TS FRAME X-2282 O.D.P.			H/14 617'-0''	A 4 AUX	N/A		M-77	E503
*												
OV	00V005	REFRIGERATION FAN MOTOR	GE	365 TS FRAME X-2282 O.D.P.			H/14 617'-0''	A 4 AUX	N/A		M-77	E503
*												
OV	00V006	REFRIGERATION FAN MOTOR	GE	365 TS FRAME X-2282 O.D.P.			H/14 617'-0''	A 4 AUX	N/A		M-77	E503
*												
OV	00V047	STANDBY COMPRESSOR MOTOR	WEST	FT230/2HP X-2286			H/12 617'-0''	A 4 AUX	N/A			E504
*												
OV	00V047	STANDBY COMPRESSOR MOTOR	WEST	FT230/2HP X-2286			H/12 617'-0''	A 4 AUX	N/A			E504
*												
OV	OSV-DV05A	TWO-WAY SOLENOID VALVE	ASCO	8210 X-2242			H/12 617'-0''	A 4 AUX	N/A			I201
*												
OV	OSV-DV05B	TWO-WAY SOLENOID VALVE	ASCO	8210 X-2242			H/12 617'-0''	A 4 AUX	N/A			I201
*												

COMPONENT/EQUIPMENT ID SHEET													
* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODE NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
OV	OSV-0V05C	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 05													
OV	OSV-0V06A	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 06													
OV	OSV-0V06B	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 06													
OV	OSV-0V06C	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 06													
OV	OSV-0V05A	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 05													
OV	OSV-0V05B	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 05													
OV	OSV-0V05C	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 05													
OV	OSV-0V06A	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 06													
OV	OSV-0V06B	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 06													
OV	OSV-0V06C	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4	AUX	N/A			1201
FUNCTION/SERVICE: COMPUTER ROOM HVAC SYSTEM REFRIG. UNIT 06													
OV	1AP015	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A 3	AUX	N/A	591F616, 591F671	22E 1-3203	0009
FUNCTION/SERVICE: POWER SUPPLY FOR COMPUTER & MISC. ROOMS HVAC REFRIGERATION UNIT 0A													
OV	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3	AUX	N/A	75C247958 SH.26	22E-1-3203	0015
FUNCTION/SERVICE:													

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
OV	1AP036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-0-3059	Q017
FUNCTION/SERVICE: POWER SUPPLY FOR 'DT LAB HOOD EXHAUST FAN OA 00V050												
OV	1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH.22	22E-1-3203	Q019
FUNCTION/SERVICE: POWER SUPPLY FOR STANDBY INSTRUMENT AIR COMPRESSOR 00V047												
OV	1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/26 642	A 1 AUX	N/A	303211 SH.1&2	22E-0-3089	S030
FUNCTION/SERVICE: ANNUNCIATION, ALARMS 788 & 847, COMPUTER ROOM AND MISC. HVAC SYSTEM A/H UNIT OA												
OV	1CB039	DC CONT PWR DIST CAB 113	FISH-H		X-2329	119387	K/30 642	A 1 AUX	N/A		22E-0-3089	S060
FUNCTION/SERVICE: FEED, 125V DC COMPUTER ROOM AND MISC. ROOMS HVAC SYSTEM PANEL OLP20												
OV	OCB005	HVAC CONTROL PANEL	HARLO CORP.		X-2291	109918	K/20 642	A 1 AUX	N/A	E12945 SH.11	22E-0-3090	S106
FUNCTION/SERVICE: CONTROL & INDICATION FOR OV SYSTEM VENT FANS												
OV	OLP20	COMPUTER RM HVAC SYS PNL	POWERS		X-2286	123163	K/15 617	A 4 AUX	N/A	220-P-3036 SH1-3	22E-0-3077	T097
FUNCTION/SERVICE:												
OV	OLP21	COMPUTER RM HVAC SYS PNL	POWERS		X-2286	123163	J/15 617	A 4 AUX	N/A	220-P-3036 SH5-7	22E-0-3077	T098
FUNCTION/SERVICE:												
OV	1AB0374	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/15 617	A 4 AUX	N/A		22E-0-3077	X453
FUNCTION/SERVICE: COMPUTER & MISC. ROOMS HVAC SYSTEM REFRIGERATION UNIT OA, PRESSURE CONTROL AND HEATER 00V005, SOLENOID VALVES SV-0V05A,B,C												
OV	1AB0441	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/12 617	A 4 AUX	N/A		22E-0-3077	X457
FUNCTION/SERVICE: CONTROL ROOM & COMPUTER ROOM, STANDBY INSTRUMENT AIR COMPRESSOR, PRESSURE SWITCH SOLENOID VALVE AND PUSHBUTTON STATION 00V047												
PP	1PR-PP16	RECORDER	HAGAN 100		X-2291		J/23 642'-0''	A 1 AUX	N/A		M-73	M603
FUNCTION/SERVICE: PP PRESSURE RECORDING /PP ZONES 1&2 AIR LEAKS												
PP	1PR-PP17	RECORDER	HAGAN 100		X-2291		J/23 642'-0''	A 1 AUX	N/A		M-73	M603
FUNCTION/SERVICE: PP PRESSURE RECORDING /PP ZONES 3&4 AIR LEAKS												



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
PP	1PR-PP1B	RECORDER	HAGAN	100	X-2291		J/23 642'-0''	A 1 AUX	N/A		M-73	M603
		FUNCTION/SERVICE: FLOW READING/PP ZONES 1&2 AIR LINES										
PP	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958 SH.18	22E-1-3203	Q013
		FUNCTION/SERVICE: POWER SUPPLY FOR PP SIR COMPRESSOR 0										
PP	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
		FUNCTION/SERVICE: 120V CONT PWR SUPPLY FOR PP AIR DRYER 1										
PP	1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH21-2	22E-1-3203	Q019
		FUNCTION/SERVICE: POWER SUPPLY FOR PP AIR COMPRESSOR 1										
PP	1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S025
		FUNCTION/SERVICE: CONT & INDIC FOR PP AIR COMPRESSOR 0										
PP	1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S026
		FUNCTION/SERVICE: CONT & INDIC FOR PP AIR COMPRESSOR 1										
PP	1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
		FUNCTION/SERVICE:										
PR	1RR-PR14	MULTIPOINT RECORDER	HONEY- UNIVERSAL WELL		X-2333		H/23 642'-0''	A 1 AUX	N/A		M-549	M404
		FUNCTION/SERVICE: RECORDING/PASSIVE FAIL. AIR PARTICULATE & IODINE										
PR	1RE-PR26	RADIATION DETECTOR	NUCLR. MEASUR	SC-2B	X-2242		G/23 592'-0''	T 1 TURB	N/A		M-40, M-294	M406
		FUNCTION/SERVICE: RECORDING/AIR EJECTOR & GLAND STEAM EXHAUST										
PR	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958 SH.18	22E-1-3203	Q013
		FUNCTION/SERVICE: POWER SUPPLY TO RHR PUMP 1A CUB RAD DET. UNIT 1RE-PRO1										
PR	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958 SH.26	22E-1-3203	Q015
		FUNCTION/SERVICE: POWER SUPPLY TO CONTAINMENT LEAK DETECTORS 1RE-PR12A, 12B (1PRO1P)										
PR	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
		FUNCTION/SERVICE: POWER SUPPLY TO CENT. CHARGING PUMP 1A CUB. DETECT. UNIT 1RE-PRO5										

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
PR	1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7 AUX	N/A	75C247958 SH.20	22E-0-3051	0018
* FUNCTION/SERVICE: POWER SUPPLY TO RHR PUMP 1A CUB. RAD DET. 1PRO06 & CONTAIN. AREA SAMP. PUMP 1PRO01												
PR	1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH.22	22E-1-3203	0019
* FUNCTION/SERVICE: POWER SUPPLY TO CONTAINMENT PURGE SYS RAD DET.												
PR	1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958 SH.25	22E-0-3056	0020
* FUNCTION/SERVICE: POWER SUPPLY TO RHR HX CUB RAD DETECTOR 1PRO09												
PR	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29	22E-0-3059	0021
* FUNCTION/SERVICE: POWER SUPPLY TO RHR PUMP 1B CUB RAD DETECTOR 1PRO07												
PR	1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-0-3059	0022
* FUNCTION/SERVICE: POWER SUPPLY TO CLASS 1 PIPE TUNNEL RAD DETECTOR												
PR	1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S025
* FUNCTION/SERVICE:												
PR	1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S026
* FUNCTION/SERVICE:												
PR	1CB011	MCB- CONT ISOL	HARLO CORP.		X-2291	109918	K/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S028
* FUNCTION/SERVICE:												
PR	1CB013	MCB-PROCESS RAD. MON. CAB.	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A		22E-0-3090	S043
* FUNCTION/SERVICE:												
PR	1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S070
* FUNCTION/SERVICE:												
PR	1CB073	RAD MONIT BOP	NUC ME CORP.		X-2333	119393	H/23 642	A 1 AUX	N/A		22E-03090	S117
* FUNCTION/SERVICE:												
PR	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064 SH01A	22E-1-3203	T001
* FUNCTION/SERVICE:												



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	PR 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A 3 AUX	N/A	E13064-SH01D	2EE-1-3203	T002
*			FUNCTION/SERVICE:									
*	PR 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
*			FUNCTION/SERVICE:									
*	PR 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01E	22E-1-3203	T004
*			FUNCTION/SERVICE:									
*	PR OLP17	AUX BLDG VENT SYS PNL	POWERS REGULATOR		X-2286	123163	M/21 642	A 7 AUX	N/A	220-P-3036	22E-0-3092	T094
*			FUNCTION/SERVICE:									
*	PV OPV009	A/H UNIT FAN MOTOR	WEST	PCB1830/ 256T FRAME	X-2283	113421	K/14 617'-0''	A 4 AUX	N/A		M-81	G001
*			FUNCTION/SERVICE:CONTROL RM TEMPERATURE CONTROL									
*	PV OPV010	A/H UNIT FAN MOTOR	WEST	PCB1830/ 256T FRAME	X-2283	113421	K/12 617'-0''	A 4 AUX	N/A		M-81	G001
*			FUNCTION/SERVICE:CONTROL RM TEMPERATURE CONTROL									
*	PV OPV011	RETURN FAN MOTOR	WEST	29A9-1750-34 213TCZ FRAME	X-2276	113424	H/16 617'-0''	A 4 AUX	N/A		M-81	G002
*			FUNCTION/SERVICE:CONTROL RM TEMPERATURE CONTROL									
*	PV OPV012	RETURN FAN MOTOR	WEST	29A9-1750-34 213TCZ FRAME	X-2276	113424	H/16 617'-0''	A 4 AUX	N/A		M-81	G002
*			FUNCTION/SERVICE:CONTROL RM TEMPERATURE CONTROL									
*	PV OPV013	REFRIGERATION UNIT MOTOR	GE	326TS FRAME O.D.P.	X-2282	113952	H/14 617'-0''	A 4 AUX	N/A		M-81	G003
*			FUNCTION/SERVICE:CONTROL RM TEMPERATURE CONTROL									
*	PV OPV014	REFRIGERATION UNIT MOTOR	GE	326TS FRAME O.D.P.	X-2282	113952	H/14 617'-0''	A 4 AUX	N/A		M-81	G003
*			FUNCTION/SERVICE:CONTROL RM TEMPERATURE CONTROL									
*	PV OPV015	CHARCOAL BOOSTER FAN MOTR	BARRY BLOWER		X-2285		L/16 617'-0''	A 4 AUX	N/A		M-81	G004
*			FUNCTION/SERVICE:CONTROL RM/SUPPLY AIR THROUGH MAKE-UP FILTER UNIT									
*	PV OPV016	CHARCOAL BOOSTER FAN MOTR	BARRY BLOWER		X-2285		L/16 617'-0''	A 4 AUX	N/A		M-81	G004
*			FUNCTION/SERVICE:CONTROL RM/SUPPLY AIR THROUGH MAKE-UP FILTER UNIT									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	PV OPV017	STANDBY COMPRESSOR MOTOR	WEST	FT 240/3 HP	X-2286	123163	H/12 617'-0''	A 4 AUX	N/A		M-81	G005
		FUNCTION/SERVICE: CONTROL RM CONTROLS/AIR COMPRESSOR										
*	PV OSV-PV07A	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 14-0B										
*	PV OSV-PV07B	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 14-0B										
*	PV OSV-PV07C	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 14-0B										
*	PV OSV-PV08A	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 13-0A										
*	PV OSV-PV08B	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 13-0A										
*	PV OSV-PV08C	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 13-0A										
*	PV OSV-PV42	TWO-WAY SOLENOID VALVE	ASCO	8210	X-2286		H/12 617'-0''	A 4 AUX	N/A			I301
		FUNCTION/SERVICE: CONTROL ROOM CHARCOAL FILTER FIRE PROTECTION										
*	PV OXE-PV28A	SMOKE DETECTOR	PYRO-TRONIC	CDA	X-2286		H/12 617'-0''	A 4 AUX	N/A			I302
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM										
*	PV OXE-PV28B	SMOKE DETECTOR	PYRO-TRONIC	CDA	X-2286		H/12 617'-0''	A 4 AUX	N/A			I302
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM										
*	PV OXE-PV32A	SMOKE DETECTOR	PYRO-TRONIC	CDA	X-2286		H/12 617'-0''	A 4 AUX	N/A			I302
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM										
*	PV OXE-PV32B	SMOKE DETECTOR	PYRO-TRONIC	CDA	X-2286		H/12 617'-0''	A 4 AUX	N/A			I302
		FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM										

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	QECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	PV QTY-PV42A	TEMPERATURE SWITCH	UNITED ELEC	C-300	X-2286		H/12 617'-0''	A 4 AUX	N/A			1303
												FUNCTION/SERVICE: CONTROL ROOM CHARCOAL FILTER FIRE PROTECTION
*	PV QTY-PV42B	TEMPERATURE SWITCH	UNITED ELEC	C-300	X-2286		H/12 617'-0''	A 4 AUX	N/A			1303
												FUNCTION/SERVICE: CONTROL ROOM CHARCOAL FILTER FIRE PROTECTION
*	PV 1AP014	480V SWGR. ESS BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q008
												FUNCTION/SERVICE: POWER SUPPLY FOR CONTROL ROOM REFRIGERATION COMPRESSOR OA
*	PV 1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
												FUNCTION/SERVICE: POWER FEED TO CONTROL ROOM HVAC PANEL OLP18
*	PV 1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH21-2	22E-1-3203	Q019
												FUNCTION/SERVICE: POWER SUPPLY FOR CONTROL ROOM FANS OPV011, 15 & AIR HANDLING UNIT OPV010
*	PV 1CB038	DC CONT PWR DIST CAB 112	FISH-H		X-2329	119387	H/30 642	A 1 AUX	N/A		22E-0-3089	S059
												FUNCTION/SERVICE: CONTROL, 125V DC CONTROL ROOM HVAC
*	PV OCB005	HVAC CONTROL PANEL	HARLO CORP.		X-2291	109918	K/20 642	A 1 AUX	N/A	E12945 SH.11	22E-0-3090	S106
												FUNCTION/SERVICE: CONTROL & INDICATION FOR PV SYSTEM VENT FANS
*	PV OLP18	CONT RM HVAC SYS PANEL	POWERS	REGULATOR	X-2286	123163	K/12 617	A 4 AUX	N/A	220-P3036S1-4, 10	22E-0-3077	T095
												FUNCTION/SERVICE: CONTROL, MAIN CONTROL ROOM REFRIGERATION COMPRESSOR OA
*	PV OLP19	CONT RM HVAC SYS PANEL	POWERS	REGULATOR	X-2286	123163	K/12 617	A 4 AUX	N/A	220-P-3036 SH5-7	22E-0-3077	T096
												FUNCTION/SERVICE: CONTROL & INDICATION FOR PV SYSTEM CONTROL ROOM HVAC
*	PV OLP20	COMPUTER RM HVAC SYS PNL	POWERS	REGULATOR	X-2286	123163	K/15 617	A 4 AUX	N/A	220-P-3036 SH1-3	22E-0-3077	T097
												FUNCTION/SERVICE: CONTROL, COMPUTER AND MISC. ROOMS HVAC SYSTEM REFRIGERATION UNIT OA
*	PV OLP21	COMPUTER RM HVAC SYS PNL	POWERS	REGULATOR	X-2286	123163	J/15 617	A 4 AUX	N/A	220-P-3036 SH5-7	22E-0-3077	T098
												FUNCTION/SERVICE: CONTROL, COMPUTER AND MISC. ROOMS HVAC SYSTEM REFRIGERATION UNIT OB
*	PV 1AB0385	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/15 617	A 4 AUX	N/A		22E-0-3077	X454
												FUNCTION/SERVICE: CONTROL ROOM REFRIGERATION COMPRESSOR OA, OIL PRESSURE CONTROLLER
												FUNCTION/SERVICE: COMPRESSOR OA, REFRIGERANT PRESSURE CONTROLLER
												FUNCTION/SERVICE: CONTROL ROOM HVAC COMPRESSOR OA, VALVES OSV-PV07A,B,C
												FUNCTION/SERVICE: COMPRESSOR OA OIL HEATER

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1LI-459A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A		M-53	M305
				FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL								
*	RC 1LI-460A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A		M-53	M305
				FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL								
*	RC 1LI-461	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL								
*	RC 1PI-0455A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A		M-53	M305
				FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE								
*	RC 1PI-0456	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE								
*	RC 1PI-0457	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A		M-53	M305
				FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE								
*	RC 1PI-0458	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE								
*	RC 1TI-0411A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP A DELTA T								
*	RC 1TI-0411B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP A OVER PWR DT								
*	RC 1TI-0411C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP A OVER TEMP DT								
*	RC 1TI-0421A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP C DELTA T								
*	RC 1TI-0421B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP C OVER PWR DT								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1TI-0421C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP C OVER TEMP DT								
*	RC 1TI-0431A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D DELTA T								
*	RC 1TI-0431B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D OVER PWR DT								
*	RC 1TI-0431C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D OVER TEMP DT								
*	RC 1TI-0441A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B DELTA T								
*	RC 1TI-0441B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B OVER PWR DT								
*	RC 1TI-0441C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A 1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B OVER TEMP DT								
*	RC 1PI-403	PRESSURE INDICATOR	WEST		138768		J/23 642'-0''	A 1 AUX	N/A			M310
				FUNCTION/SERVICE: RC PRESSURE INDICATION & ALARM/WIDE RANGE LOOP A HOT								
*	RC 1APO13	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q007
				FUNCTION/SERVICE: POWER SUPPLY FOR PRESS HTRS BACKUP GR C								
*	RC 1APO14	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q008
				FUNCTION/SERVICE: POWER SUPPLY FOR PRESS HTRS BACKUP GR A								
*	RC 1APO15	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q009
				FUNCTION/SERVICE: POWER SUPPLY FOR PRESS HTRS BACKUP GR B								
*	RC 1APO36	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-0-3059	Q017
				FUNCTION/SERVICE: POWER SUPPLY FOR RC SYS VLVS 1MOV-RC8000A,B								



COMPONENT/EQUIPMENT ID SHEET

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*	RC 1AP002	4160V SWGR. BUS 142	ITE	TYPE 5 HK-350	X-2240	103443	G/32 642	JX	N/A	33-451-E-27	22E-1-3205	Q040
*				FUNCTION/SERVICE:	POWER SUPPLY FOR REACTOR COOLANT PUMP 1A							
*	RC 1AP003	4160V SWGR. BUS 143	ITE	TYPE 5 HK-350	X-2240	103443	H/32 642	A 2 AUX	N/A	33-45122-E-28	22E-1-3205	Q041
*				FUNCTION/SERVICE:	POWER SUPPLY FOR REACTOR COOLANT PUMP 1B							
*	RC 1AP004	4160V SWGR. BUS 144	ITE	TYPE 5 HK-350	X-2240	103443	G/33 642	A 2 AUX	N/A	33-45122-E-29	22E-1-3205	Q042
*				FUNCTION/SERVICE:	POWER SUPPLY FOR REACTOR COOLANT PUMP 1C							
*	RC 1AP005	4160V SWGR. BUS 145	ITE	TYPE 5 HK-350	X-2240	103443	H/33 642	A 2 AUX	N/A	33-45122-E-30	22E-1-3205	Q043
*				FUNCTION/SERVICE:	POWER SUPPLY FOR REACTOR COOLANT PUMP 1D							
*	RC 1CB035	N555 AUX RLY RACK	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	108D001	22E-0-3089	S001
*				FUNCTION/SERVICE:								
*	RC 1CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/28 642	A 1 AUX	N/A		22E-0-3089	S002
*				FUNCTION/SERVICE:								
*	RC 1CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/27 642	A 1 AUX	N/A		22E-0-3089	S003
*				FUNCTION/SERVICE:								
*	RC 1CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D69	22E-0-3089	S004
*				FUNCTION/SERVICE:								
*	RC 1CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D72	22E-0-3089	S005
*				FUNCTION/SERVICE:								
*	RC 1CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S006
*				FUNCTION/SERVICE:								
*	RC 1CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S007
*				FUNCTION/SERVICE:								
*	RC 1CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	K/23 642	A 1 AUX	N/A	E12942 SH.7	22E-0-3090	S023
*				FUNCTION/SERVICE:	CONT & INDIC FOR RC SYS PUMPS & VLVS, PRESS HTRS, BACKUP GR'S B&C							

COMPONENT/EQUIPMENT ID SHEET

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*	RC 1CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH. 7	22E-0-3090	S024
*												
*	RC 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E12942 SH. 8	22E-0-3090	S026
*												
*	RC 1CB012	MCB-BDP PORTION OF ESF	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A	E12942 SH. 8	22E-0-3090	S029
*												
*	RC 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
*												
*	RC 1CB022	NUCLEAR INSTR CAB. CH. 1	WEST		X-22005	382557	G/21 642	A 1 AUX	N/A		22E-0-3090	S046
*												
*	RC 1CB023	NUCLEAR INSTR CAB. CH. 2	WEST		X-22005	382557	G/22 642	A 1 AUX	N/A		22E-0-3090	S047
*												
*	RC 1CB024	NUCLEAR INSTR CAB. CH. 3	WEST		X-22005	382557	G/22 642	A 1 AUX	N/A		22E-0-3090	S048
*												
*	RC 1CB025	NUCLEAR INSTR CAB. CH. 4	WEST		X-22005	382557	G/22 642	A 1 AUX	N/A		22E-0-3090	S049
*												
*	RC 1CB026	PROC. I&C RACK PROT. SET 1	WEST		X-22005	382557	G/28 642	A 1 AUX	N/A		22E-0-3089	S050
*												
*	RC 1CB027	PROC. I&C RACK PROT. SET 2	WEST		X-22005	382557	G/27 642	A 1 AUX	N/A		22E-0-3089	S051
*												
*	RC 1CB028	PROC. I&C RACK PROT. SET 3	WEST		X-22005	382557	K/28 642	A 1 AUX	N/A		22E-0-3089	S052
*												
*	RC 1CB029	PROC. I&C RACK PROT. SET 4	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-0-3089	S053
*												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1CB030	REACTOR PROT. LOGIC A	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S054
*					FUNCTION/SERVICE:							
*	RC 1CB031	REACTOR PROT. LOGIC B	WEST		X-2200S	382557	H/27 642	A 1 AUX	N/A		22E-0-3089	S055
*					FUNCTION/SERVICE:							
*	RC 1CB032	ESF SAF ACT LOGIC A	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S056
*					FUNCTION/SERVICE:							
*	RC 1CB033	ESF SAF ACT LOGIC B	WEST		X-2200S	382557	H/27 642	A 1 AUX	N/A	108D001	22E-0-3089	S057
*					FUNCTION/SERVICE:							
*	RC 1CB043	MCB-ROD POS. INDICATION	WEST		X-2200S	382557	H/29 642	A 1 AUX	N/A		22E-0-3089	S062
*					FUNCTION/SERVICE:							
*	RC 1CB046	MCB-TURB ELE- HYDR. CONTROL	WEST		X-2200T	382557	H/29 642	A 1 AUX	N/A		22E-0-3089	S063
*					FUNCTION/SERVICE:							
*	RC 1CB059	MCB-ROD CONT. LOGIC	WEST		X-2200S	382557	H/29 642	A 1 AUX	N/A		22E-0-3089	S067
*					FUNCTION/SERVICE:							
*	RC 1CB068	CONMT. PR. TR. 2 T&L CAB.	HARLO CORP.		X-2305	123159	H/29 642	A 1 AUX	N/A		22E-0-3089	S067
*					FUNCTION/SERVICE:							
*	RC 1CB109	EMER. INST. TEST CABINET					G/26 642	A 1 AUX	N/A		22E-0-3089	S077
*					FUNCTION/SERVICE:							
*	RC 1CB110	EMER. INST. TEST CABINET					G/26 642	A 1 AUX	N/A		22E-0-3089	S078
*					FUNCTION/SERVICE:							
*	RC 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01E	22E-1-3203	T004
*					FUNCTION/SERVICE:							
*	RC 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
*					FUNCTION/SERVICE:							

COMPONENT/EQUIPMENT ID SHEET

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*	RC 1LP31	PRES HTR CONT GROUP B SCR RECTIFIER	WEST		X-22005	382557	J/31 642	A 2 AUX	N/A		22E-1-3205	T049
*		FUNCTION/SERVICE:										
*	RC 1LP34	PRES HTR CONT GROUP B PWR CONT CTR	WEST		X-2257	103870	J/31 642	A 2 AUX	N/A		22E-1-3205	T050
*		FUNCTION/SERVICE:										
*	RC 1LP35	PRES HTR BACK UP GRP A PWR CONT CTR	WEST		X-2257	103870	H/31 642	A 2 AUX	N/A		22E-1-3205	T051
*		FUNCTION/SERVICE:										
*	RC 1LP36						H/30 642	A 2 AUX	N/A		22E-1-3205	T052
*		FUNCTION/SERVICE:										
*	RC 1LP67	PRES HTR GROUP A CONT STA	FISH-H		X-2329	119387	H/31 642	A 2 AUX	N/A		22E-3205	T059
*		FUNCTION/SERVICE: CONTROL AND INDICATION FOR PRESS HEATERS BACK UP										
*	RC 1LP68	PRES HTR GROUP B CONT STA	WEST		X-2257	103870	H/30 642	A 2 AUX	N/A		22E-1-3205	T060
*		FUNCTION/SERVICE:										
*	RC 1LP69	PRES HTR GROUP C CONT STA	FISH-H		X-2329	119387	H/30 642	A 2 AUX	N/A		22E-1-3205	T061
*		FUNCTION/SERVICE:										
*	RC OLP37	DEAD WEIGHT TESTING STA	WEST		X-22005	382557	F/20 560	A 7 AUX	N/A	778-A2	22E-1-3407	T103
*		FUNCTION/SERVICE:										
*	RC 1AB0449	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/27 630	A 4 AUX	N/A		22E-0-3102	X458
*		FUNCTION/SERVICE: RC LOOPS A-D STOP VLVS LEAK OFF FLOW										
*	RC 1AB0450	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/27 630	A 4 AUX	N/A		22E-0-3102	X459
*		FUNCTION/SERVICE: RC LOOPS A-D STOP VLVS LEAK OFF FLOW										
*	RC 1AB0768	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/26 560	A 7 AUX	N/A		22E-0-3056	X482
*		FUNCTION/SERVICE: GAS ANALYZER ISOL VLV 1A0V-RC8025										
*	RH 1RH001	RHR PUMP MOTOR UNIT	WEST	VSW1	E-677125		L/22 552'-0''	A13 AUX	N/A	V-8X20W86X11-D	M-62	A251
*		FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1A										

COMPONENT/EQUIPMENT ID SHEET

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RH	1RH002	RHR PUMP MOTOR UNIT	WEST	VSW1	E-677125		M/22 552'-0''	A13 AUX	N/A	V-8X20WB6X11-D	M-62	A251
* FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1B												
RH	1MOV-RH8700A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	L/22 546'-0''	A13 AUX	N/A	93-13107	M-62	A252
* FUNCTION/SERVICE: ACTUATES VALVE/RHR PUMP SUCTION												
RH	1MOV-RH8700B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	M/22 546'-0''	A13 AUX	N/A	93-13107	M-62	A252
* FUNCTION/SERVICE: ACTUATES VALVE/RHR PUMP SUCTION												
RH	1MOV-RH8716A	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	M/21 557'-0''	A 7 AUX	N/A	93-12862	M-62	A253
* FUNCTION/SERVICE: ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION												
RH	1MOV-RH8716B	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	L/21 557'-0''	A 7 AUX	N/A	93-12862	M-62	A253
* FUNCTION/SERVICE: ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION												
RH	1MOV-RH8716C	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	M/21 542'-0''	A 7 AUX	N/A	93-12862	M-62	A253
* FUNCTION/SERVICE: ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION												
RH	1FT-600	FLOW TRANSMITTER	F&P	10B2495	X-2200	104253	P/21 560'-0''	A13 AUX	N/A		M-62, M-295	N101
* FUNCTION/SERVICE: RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN												
RH	1FI-600	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A13 AUX	N/A		M-62	N102
* FUNCTION/SERVICE: RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN												
RH	1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3 AUX	N/A	33-45122-E-232	22E 1-3203	Q002
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR PUMP 1B (1RH002)												
RH	1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX	N/A	33-45122-E-233	22E 1-3203	Q003
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR PUMP 1A (1RH001)												
RH	1APO31	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	H/33 617	A 3 AUX	N/A		22E-0-3059	Q014
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8702												
RH	1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958, SH.26	22E-1-3203	Q015
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8701												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RH	1A035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	H/24 560	A 7 AUX	N/A	75C247958, 24, 27	22E-0-3056	0016
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8700B												
RH	1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958, SH. 22	22E-1-3203	0019
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8703												
RH	1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958, SH. 25	22E-0-3056	0020
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLVS 1MOV-RH8716C, 1FCV-RH611, 1FCV-RH611A, 1MOV-RH9000												
RH	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958, SH. 29	22E-0-3059	0021
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLVS 1MOV-RH8716B, 1MOV-RH8716A												
RH	1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH. 29A	22E-0-3059	0022
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLVS 1FIC-610A, 1FIC-RH616, 1MOV-RH8700A												
RH	1A055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	0035
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS MOV HTRS 1MOV-RH8701												
RH	1CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	108D001	22E-0-3089	5001
* FUNCTION/SERVICE: CONTROL AND INDICATION FOR RHR SYSTEM VALVES, 1MOV-RH8701 & 1MOV-RH8702												
RH	1CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/28 642	A 1 AUX	N/A	E-12942 SH.	22E-0-3089	5002
* FUNCTION/SERVICE:												
RH	1CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/27 642	A 1 AUX	N/A	E-12942 SH.	22E-0-3089	5003
* FUNCTION/SERVICE:												
RH	1CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D69	22E-0-3089	5004
* FUNCTION/SERVICE:												
RH	1CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D72	22E-0-3089	5005
* FUNCTION/SERVICE: SIGNAL, RESIDUAL HEAT FLOW TO RCS INSTRUMENTS 1FQ-600, 1FT-600, 1FI-600												
RH	1CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	E-12942 SH.	22E-0-3089	5006
* FUNCTION/SERVICE:												

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*	RH 1CB080	PROC I&C RACK CONT GR 4	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A	E-12942 SH.	22E-0-3089	SU07
					FUNCTION/SERVICE:							
*	RH 1CB006	MCB-REACTOR CONTROL	WEST		X-2200S	382557	K/23 642	A 1 AUX	N/A	E-12942 SH. 7	22E-0-3090	S023
					FUNCTION/SERVICE:							
*	RH 1CB009	MCB-ESF DIV 18	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	S026
					FUNCTION/SERVICE: CONTROL & INDICATION FOR RHR SYS PUMPS & VALVES, 1MOV-RH8702, 1MOV-RH8703, 1MOV-RH9000							
*	RH 1CB010	MCB-ESF DIV 19	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	S027
					FUNCTION, SERVICE: CONTROL & INDICATION FOR RHR SYS PUMPS & VALVES, 1MOV-RH8701							
*	RH 1CB012	MCB-BOP PORTION OF ESF	WEST		X-2200S	382557	G/23 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	S029
					FUNCTION/SERVICE:							
*	RH 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
					FUNCTION/SERVICE:							
*	RH 1CB014	MCB-AREA RAD MONITOR CAB	WEST		X-2200S	382557	G, 23 642	A 1 AUX	N/A		22E-0-3090	S044
					FUNCTION/SERVICE:							
*	RH 1CB033	ESF PNL B	WEST		X-2200S	382557	H/27 642	A 1 AUX	N/A	108D001	22E-0-3089	SG-7
					FUNCTION/SERVICE: CONTROL AND INDICATION FOR RHR SYSTEM VALVES, 1MOV-RH8703 & 1MOV-RH9000							
*	RH 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
					FUNCTION/SERVICE: CONTROL, RHR PUMP 1B (1RH002)							
*	RH 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
					FUNCTION/SERVICE: CONTROL, RHR PUMP 1A (1RH001)							
*	RH 1CM004	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/24 642	A 6 AUX	N/A		22E-1-3400	U006
					FUNCTION/SERVICE:							
*	RH 1CM004	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/24 642	A 6 AUX	N/A		22E-1-3400	U006
					FUNCTION/SERVICE:							

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RH 1AB0199	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23	A 13 AUX	N/A		22E-O-3054	X096
		FUNCTION/SERVICE: RHR PUMP 1A SCTN ISOL VLV (1MOV-RHB700A)								
RH 1AB0200	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23	A 13 AUX	N/A		22E-O-3054	X097
		FUNCTION/SERVICE: RHR PUMP 1B SCTN ISOL VLV (1MOV-RHB700B)								
RH 1AB0039	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/23	A 7 AUX	N/A		22E-O-3057	X426
		FUNCTION/SERVICE:								
RP 1AP006	4160V SWGR. ESS-BUS 147	ITE TYPE 5 HK-350	X-2240	103443	G/31	A 3 AUX	N/A	33-45122-E-31	22E-1-3203	0001
		FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS								
RP 1AP007	4160V SWGR. ESS-BUS 148	ITE TYPE 5 HK-350	X-2240	103443	G/33	A 3 AUX	N/A	33-45122-E-32	22E-1-3203	0002
		FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS								
RP 1AP008	4160V SWGR. ESS-BUS 149	ITE TYPE 5 HK-350	X-2240	103443	G/34	A 3 AUX	N/A	33-45122-E-33	22E-1-3203	0003
		FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS								
RP 1CB035	NSSS AUX RLY RACK	WEST	X-2200S	382557	H/28	A 1 AUX	N/A	108D001	22E-O-3089	S001
		FUNCTION/SERVICE: AUX RELAY RACK A								
RP 1CB006	MCB-REACTOR CONTROL	WEST	X-2200S	382557	K/23	A 1 AUX	N/A	E-12942 SH.7	22E-O-30:0	S023
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR REACTOR CONTROL DEVICES								
RP 1CB008	MCB-ESF DIV 17	WEST	X-2200S	382557	H/23	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S025
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR ENG. SAF. DIV. 17								
RP 1CB009	MCB-ESF DIV 18	WEST	X-2200S	382557	H/23	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S026
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR 'NG. SAF. DIV. 18								
RP 1CB010	MCB-ESF DIV 19	WEST	X-2200S	382557	H/23	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S027
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR ENG. SAF. DIV. 19								
RP 1CB012	MCB-BOP PORTION OF ESF	WEST	X-2200S	382557	G/23	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S029
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR BOP SECTION OF ESS								



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*	RP 1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP.		X-2322	119390	G/26 642	A 1 AUX	N/A	303211 SH. 18?	22E-0-3089	S030
					FUNCTION/SERVICE:ANN. INPUT RELAY LOGIC CABINET							
*	RP 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
					FUNCTION/SERVICE:ANN. INPUT LOGIC							
*	RP 1CB075	MCB-ENG. SAFE. DIV. 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A		22E-0-3090	S045
					FUNCTION/SERVICE:AUTO CONTROL CABINET, CONTROL PRESS LOGIC							
*	RP 1CB026	PROC. I&C RACK PROT. SET 1	WEST		X-22005	382557	G/28 642	A 1 AUX	N/A		22E-0-3089	S050
					FUNCTION/SERVICE:PROCESS I & C RACK PROT. SET 1							
*	RP 1CB027	PROC. I&C RACK PROT. SET 2	WEST		X-22005	382557	G/27 642	A 1 AUX	N/A		22E-0-3089	S051
					FUNCTION/SERVICE:PROCESS I & C RACK PROT. SET 2							
*	RP 1CB028	PROC. I&C RACK PROT. SET 3	WEST		X-22005	382557	K/28 642	A 1 AUX	N/A		22E-0-3089	S052
					FUNCTION/SERVICE:PROCESS I & C RACK PROT. SET 3							
*	RP 1CB029	PROC. I&C RACK PROT. SET 4	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-0-3089	S053
					FUNCTION/SERVICE:PROCESS I & C RACK PROT. SET 4							
*	RP 1CB030	MCB-ESF DIV 18RP	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S054
					FUNCTION/SERVICE:RP SYS LOGIC A							
*	RP 1CB031	MCB-ESF DIV 18RP	WEST		X-22005	382557	H/27 642	A 1 AUX	N/A		22E-0-3089	S055
					FUNCTION/SERVICE:RP SYS LOGIC B							
*	RP 1CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S056
					FUNCTION/SERVICE:ENG. SAF. ACTUATION A							
*	RP 1CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/27 642	A 1 AUX	N/A	108D001	22E-0-3089	S057
					FUNCTION/SERVICE:ENG. SAF. ACTUATION B							
*	RP 1CB037	DC CONTROL DIST. CAB. 111	FISH-H		X-2329	119387	H/26 642	A 1 AUX	N/A		22E-0-3089	S058
					FUNCTION/SERVICE:125V DC CONTROL POWER DISTRIBUTION CABINET 111 (LOGIC CIRCUIT POWER)							

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*	RP 1CB039	DC CONT PWR DIST CAB 113	FISH-H		X-2329	119387	K/30 642	A 1 AUX	N/A		22E-0-3089	S060
											FUNCTION/SERVICE:125V DC CONTROL POWER DISTRIBUTION CABINET 113 (CONTROL CIRCUIT POWER)	
*	RP 1CB040	DC CONT PWR DIST CAB 114	FISH-H		X-2329	119387	G/26 642	A 1 AUX	N/A		22E-0-3089	S061
											FUNCTION/SERVICE:125V DC CONTROL POWER DISTRIBUTION CABINET 114	
*	RP 1CB052	MCB-FIRE ALRM CABINET	FISH-H		X-2303	119387	K/26 642	A 1 AUX	N/A		22E-0-3089	S066
											FUNCTION/SERVICE:GENERATOR & TRANSFORMER, RELAY AND METERING CONTROL & INDICATION	
*	RP 1CB067	CONTMT PRES TRAIN 1 TST & LOGIC CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S067
											FUNCTION/SERVICE:CONTAINMENT PRESS. LOGIC 1	
*	RP 1CB068	CONTMT PRES TRAIN 2 TST & LOGIC CAB	HARLO CORP.		X-2305	123159	H/29 642	A 1 AUX	N/A		22E-0-3089	S069
											FUNCTION/SERVICE:CONTAINMENT PRESS LOGIC 2	
*	RP 1CB094	ESS LOGIC TEST TR. CAB	HARLO CORP.		X-2305	123159	G/29 642	A 1 AUX	N/A		22E-0-3089	S070
											FUNCTION/SERVICE:LOGIC TEST TRAIN 1	
*	RP 1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
											FUNCTION/SERVICE:LOGIC TEST TRAIN 2	
*	RP 1CB096	SAFEGUARDS TEST CAB A	WEST		X-22005	382557	G/29 642	A 1 AUX	N/A		22E-0-3089	S072
											FUNCTION/SERVICE:SAFETY TRAIN A, TEST	
*	RP 1CB097	SAFEGUARDS TEST CAB B	WEST		X-22005	382557	G/29 642	A 1 AUX	N/A		22E-0-3089	S073
											FUNCTION/SERVICE:SAFETY TRAIN B, TEST	
*	RP 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
											FUNCTION/SERVICE:AUX. RELAY ESS DIV 17 CONT	
*	RP 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A 3 AUX	N/A	E13064-SH01D	22E-1-3203	T002
											FUNCTION/SERVICE:AUX RELAYS ESS DIV 17 CONT	
*	RP 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
											FUNCTION/SERVICE:AUX RELAYS ESS DIV 18 CONT	

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*	RP 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01E	22E-1-3203	T004
*					FUNCTION/SERVICE:AUX RELAYS ESS DIV 18 CONT							
*	RP 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
*					FUNCTION/SERVICE:AUX RELAYS ESS DIV 19 CONT							
*	RP 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
*					FUNCTION/SERVICE:AUX RELAYS ESS DIV 19 CONT							
*	RP 1CM009	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U003
*					FUNCTION/SERVICE:COMPUTER INPUT/OUTPUT TERMINAL CABINET 02							
*	RP 1CM009	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/25 642	A 6 AUX	N/A		22E-1-3400	U003
*					FUNCTION/SERVICE:COMPUTER INPUT/OUTPUT TERMINAL CABINET 02							
*	RP 1CM004	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/24 642	A 6 AUX	N/A		22E-0-3089	U006
*					FUNCTION/SERVICE:COMPUTER INPUT/OUTPUT TERMINAL CABINET 00							
*	RP 1TB-A	TERM. BOX @ UN-1 TURBINE	WEST		X-2200T	382556	E/25 642	T 1 TURB	N/A		22E-1-3132	X356
*					FUNCTION/SERVICE:CONTROL PRESS. SWITCHES 63-3/AST,63-4/AST,63-5/AST							
*	RP 1TB-D	TERM. BOX @ UN-1 TURBINE	WEST		X-2200T	382556	E/27 642	T 1 TURB	N/A		22E-1-3132	X357
*					FUNCTION/SERVICE:TURBINE TRIP STOP VALVES SIGNAL							
*	RP 1TB-E	TERM. BOX @ UN-1 TURBINE	WEST		X-2200T	382556	E/27 642	T 1 TURB	N/A		22E-1-3132	X360
*					FUNCTION/SERVICE:TURBINE TRIP STOP VALVES SIGNAL							
*	RP 1AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/32 630	A 4 AUX	N/A		22E-1-3204	X445
*					FUNCTION/SERVICE:TURBINE AUTO STOP TRIP RELAYS							
*	RP 1AB0565	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/32 630	A 4 AUX	N/A		22E-1-3204	X470
*					FUNCTION/SERVICE:TURBINE AUTO STOP TRIP RELAYS							
*	RV 1AP013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	107770	H/31 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	0007
*					FUNCTION/SERVICE: POWER FEED TO CONTMT COOL FAN 1C							

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RV	1APO14	480V SWGR ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3	AUX	N/A	591F616 591F671	22E-1-3203	Q008
			FUNCTION/SERVICE: POWER FEEDS TO CONTMT COOL FANS 1A & 1D										
RV	1APO15	480V SWGR ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A 3	AUX	N/A	591F616 591F671	22E-1-3203	Q009
			FUNCTION/SERVICE: POWER FEEDS TO CONTMT COOL FANS 1B & 1E										
RV	1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3	AUX	N/A	75C247958 18,19	22E-1-3203	Q013
			FUNCTION/SERVICE: CONTMT COOL FAN 1C MOTOR HTR FEED										
RV	1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3	AUX	N/A	75C247958 SH.26	22E-1-3203	Q015
			FUNCTION/SERVICE: CONTMT COOL FAN 1B MOTOR HTR FEED										
RV	1APO90	480V MCC ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3	AUX	N/A	75C247958 21,22	22E-1-3203	Q019
			FUNCTION/SERVICE: CONTMT COOL FAN 1D MOTOR HTR FEED										
RV	1CB008	MCB-ESF DIV 17	WEST		X-2200S	382557	H/23 642	A 1	AUX	N/A	E12492 SH.8	22E-0-3090	S025
			FUNCTION/SERVICE: RX CONTMT VENT COOL FANS CONT & INDIC										
RV	1CB009	MCB-ESF DIV 18	WEST		X-2200S	382557	H/23 642	A 1	AUX	N/A	E12492 SH.8	22E-0-3090	S026
			FUNCTION/SERVICE: RX CONTMT VENT COOL FANS CONT & INDIC										
RV	1CB010	MCB-ESF DIV 19	WEST		X-2200S	382557	H/23 642	A 1	AUX	N/A	E12492 SH.8	22E-0-3090	S027
			FUNCTION/SERVICE: RX CONTMT VENT COOL FANS CONT & INDIC										
RV	1CB011	MCB- CONT ISOL	HARLO CORP.		X-2291	109918	K/23 642	A 1	AUX	N/A	E12945 SH.8	22E-0-3090	S028
			FUNCTION/SERVICE:										
RV	1CB012	MCB-BOP PORTION OF ESF	WEST		X-2200S	382557	G/23 642	A 1	AUX	N/A	E12492 SH.8	22E-0-3090	S029
			FUNCTION/SERVICE: CONTMT PURGE & RELIEF, RELATIVE HUMIDITY INSTR 1MI-RV42, 1MI-RV43 1MI-RV44, 1TI-RV42, 1TI-RV43, 1TI-RV44										
RV	1CB050	ANNUN INPUT RLY LOGIC CAB	WEST		X-2322	109390	G/26 642	A 1	AUX	N/A	303211 SH.182	22E-0-3089	S030
			FUNCTION/SERVICE:										

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RV	1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
				FUNCTION/SERVICE:								
RV	1CB049	TRANSDUCER PWR SUPPLY PANEL	FISHER		X-2311	113435	K/25 642	A 6 AUX	N/A	WD5682396	22E-0-3089	S064
				FUNCTION/SERVICE: CONTMT PURGE & RELIEF INSTR 1TY-RV42, 1TY-RV43, 1TY-RV44								
RV	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
				FUNCTION/SERVICE: RX CONTMT VENT COOL FAN 1RV003								
RV	1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T002
				FUNCTION/SERVICE: RX CONTMT VENT COOL FAN 1RV003								
RV	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
				FUNCTION/SERVICE: RX CONTMT VENT COOL FANS 1RV001, 1RV004 (1SV-RV91, 1SV-RV92, 1SV-RV93 & 1SV-RV100, 1SV-RV101, 1SV-RV102)								
RV	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T004
				FUNCTION/SERVICE: RX CONTMT VENT COOL FAN 1RV001, 1RV004 (1SV-RV91, 1SV-RV92, 1SV-RV93 & 1SV-RV100, 1SV-RV101, 1SV-RV102)								
RV	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
				FUNCTION/SERVICE: RX CONTMT VENT COOL FAN 1RV002 & 1RV005 (1SV-RV94, 1SV-RV95, 1SV-RV96 & 1SV-RV103, 1SV-RV104, 1SV-RV105)								
RV	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T006
				FUNCTION/SERVICE: RX CONTMT VENT COOL FAN 1RV002 & 1RV005 (1SV-RV94, 1SV-RV95, 1SV-RV96 & 1SV-RV103, 1SV-RV104, 1SV-RV105)								
RV	1CM008	COMPUTER CAB. (I/O TERMIN.)	WEST		X-22005	382557	L/25 642	A 6 AUX	N/A		22E-1-3400	U002
				FUNCTION/SERVICE: CONTMT COOL FANS 1ATO 1E ALARMS								
RV	1AB0185	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	M/26 617	A 7 AUX	N/A		22E-1-3206	X069
				FUNCTION/SERVICE: CONTAINMENT PURGE ISOLATION VALVE 1A0V-RV004								
RV	1AB0186	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	M/26 617	A 7 AUX	N/A		22E-1-3206	X070
				FUNCTION/SERVICE: CONTAINMENT PURGE ISOLATION VALVE 1A0V-RV002								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SI 1S1003	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/24 560'-0''	A13 AUX	N/A	FC-45648	M-64	A001
												FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 1A
*	SI 1S1004	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/25 560'-0''	A13 AU	N/A	FC-45648	M-64	A001
												FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 1B
*	SI 1MOV-S18804A	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	L/23 567'-6''	A13 AUX	N/A	93-12862	M-62	A002
												FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 1A
*	SI 1MOV-S18804B	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	L/23 559'-6''	A13 AUX	N/A	93-12862	M-64	A002
												FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH
*	SI 1MOV-S18807A	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/23 567'-4''	A 7 AUX	N/A	93-13114	M-64	A003
												FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS SUCTION
*	SI 1MOV-S18807B	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/23 569'-4''	A 7 AUX	N/A	93-13114	M-64	A003
												FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS SUCTION
*	SI 1MOV-S19010A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	086071	K/24 568'-0''	A13 AUX	N/A	93-13106	M-64	A005
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP
*	SI 1MOV-S19010B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	086071	L/24 568'-0''	A13 AUX	N/A	93-13106	M-521	A005
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP
*	SI 1MOV-S18811A	VALVE MOTOR OPERATOR	LMTQ	SMB-3	G-676258	103251	M/23 557'-0''	A11 AUX	N/A	93-12861	M-65	A006
												FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP
*	SI 1MOV-S18811B	VALVE MOTOR OPERATOR	LMTQ	SMB-3	G-676258	103251	M/23 557'-0''	A11 AUX	N/A	93-12861	M-65	A006
												FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP
*	SI 1MOV-S18812A	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	M/23 559'-0''	A 7 AUX	N/A	93-12858	M-65	A009
												FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST
*	SI 1MOV-S18812B	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	M/23 567'-0''	A 7 AUX	N/A	93-12858	M-65	A009
												FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPFC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1MOV-SI8806	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	L/25 572'-0''	A13 AUX	N/A	93-13428	M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	1MOV-SI8923A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	L/24 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	1MOV-SI8923B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	L/25 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	1MOV-SI8812A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	M/23 559'-0''	A 7 AUX	N/A	93-12858	M-65	A014
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST												
SI	1MOV-SI8812B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	M/23 567'-0''	A 7 AUX	N/A	93-12858	M-65	A014
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST												
SI	1MOV-SI8804A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/23 567'-6''	A13 AUX	N/A	93-12862	M-62	A015
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 1A												
SI	1MOV-SI8804B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/23 559'-6''	A13 AUX	N/A	93-12862	M-64	A015
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI	1MOV-SI8806	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/25 572'-0''	A13 AUX	N/A	93-13428	M-64	A015
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	1LT-920	LEVEL TRANSMITTER	F&P KBBABAB	13D2492	X-2200	104253	M/22 560'-0''	A 7 AUX	N/A		M-44, M-295	M101
FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK												
SI	1LT-921	LEVEL TRANSMITTER	F&P KBBABAB	13D2492	X-2200	104253	M/22 560'-0''	A 7 AUX	N/A		M-44, M-295	M101
FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK												
SI	1FT-970A	FLOW TRANSMITTER	F&P JBBABAB	10B2495	X-2200	104253	J/22 542'-0''	A 7 AUX	N/A		M-62, M-295	M104
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX B OUT FOR SI												
SI	1FT-971A	FLOW TRANSMITTER	F&P JBBABAB	10B2495	X-2200	104253	J/22 542'-0''	A 7 AUX	N/A		M-62, M-295	M104
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX A OUT FOR SI												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
* SI	1FT-922	FLOW TRANSMITTER	F&P	10B2496	X-2200	104253	L/23 560'-0''	A 7 AUX	N/A		M-64,M-297	M105
FUNCTION/SERVICE:SI PUMP 1A DISCH. FLOW INDICATION/SI PUMP 1A DISCH.												
* SI	1FT-970B	FLOW TRANSMITTER	F&P	10B2496 PBBABAB	X-2200	104253	J/22 542'-0''	A 7 AUX	N/A		M-62,M-295	M105
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX B OUT FOR SI												
* SI	1FT-971B	FLOW TRANSMITTER	F&P	10B2496 PBBABAB	X-2200	104253	J/22 542'-0''	A 7 AUX	N/A		M-62,M-295	M105
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX A OUT FOR SI												
* SI	1PT-923	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	L/23 560'-0''	A 7 AUX	N/A		M-64,M-297	M107
FUNCTION/SERVICE:SI PUMP 1A DISCH. PRESSURE INDICATION/SI PUMP 1A DISCH.												
* SI	1PT-947	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	R/23 617'-0''	A 7 AUX	N/A		M-64,M-288	M107
FUNCTION/SERVICE:BORON INJ. TANK PRESSURE INDICATION AND ALARM/BORON INJ. TANK												
* SI	1PT-935	PRESSURE TRANSMITTER	BARTON	345	X-2200		K/25 560'-0''	A 7 AUX	N/A		M-64,M-297	M108
FUNCTION/SERVICE:SI PUMP 1B DISCH.PRESSURE INDICATION/SI PUMP 1B DISCH.												
* SI	1FT-932	FLOW TRANSMITTER	BARTON	332	X-2200		K/25 560'-0''	A 7 AUX	N/A		M-64,M-297	M109
FUNCTION/SERVICE:SI PUMP 1B DISCH. FLOW INDICATION/SI PUMP 1B DISCH.												
* SI	1FT-934	FLOW TRANSMITTER	BARTON	332	X-2200		L/23 560'-0''	A 7 AUX	N/A		M-64,M-297	M109
FUNCTION/SERVICE:CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE												
* SI	1FI-924	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1 AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE												
* SI	1FI-925	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/2 642'-0''	A 1 AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE												
* SI	1FI-926	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1 AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE												
* SI	1FI-927	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1 AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE												



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SI 1FI-922	FLOW INDICATOR	WEST	VX-252	X-2200	138768	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: SI PUMP 1A DISCH. FLOW INDICATION/SI PUMP 1A DISCH.
*	SI 1FI-970A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI
*	SI 1FI-9	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI
*	SI 1LI-920	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK
*	SI 1LI-921	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK
*	SI 1PI-923	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: SI PUMP 1A DISCHARGE PRESSURE INDICATION/SI PUMP 1A DISCH.
*	SI 1PI-947	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1	AUX	N/A	22E-1-4303	M110
												FUNCTION/SERVICE: BORON INJ. TANK PRESSURE INDICATION/BORON INJ. TANK
*	SI 1PI-960	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE
*	SI 1PI-961	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE
*	SI 1PI-962	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE
*	SI 1PI-963	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE
*	SI 1PI-964	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1	AUX	N/A	22E-1-4304	M110
												FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SI 1PI-965	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1 AUX	N/A		22E-1-4304	M110
*					FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE							
*	SI 1PI-966	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1 AUX	N/A		22E-1-4304	M110
*					FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE							
*	SI 1PI-967	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1 AUX	N/A		22E-1-4304	M110
*					FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE							
*	SI 1FI-924	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A 1 AUX	N/A		22E-1-4303	M110
*					FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE							
*	SI 1FI-932	FLOW INDICATOR	WESCH- LER		X-2200	138768	G/23 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
*					FUNCTION/SERVICE: SI PUMP 1B DISCH. FLOW INDICATION/SI PUMP 1B DISCH.							
*	SI 1FI-934	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/23 642'-0''	A 1 AUX	N/A		22E-1-4303	M111
*					FUNCTION/SERVICE: CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE							
*	SI 1FI-970B	FLOW INDICATOR	WESCH- LER		X-2200	138768	F/23 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
*					FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI							
*	SI 1FI-971B	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/23 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
*					FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI							
*	SI 1PI-935	PRESSURE INDICATOR	WESCH- LER		X-2200	138768	G/23 642'-0''	A 1 AUX	N/A		22E-1-4304	M111
*					FUNCTION/SERVICE: SI PUMP 1B DISCHARGE PRESSURE INDICATION/SI PUMP 1B DISCH.							
*	SI 1APO06	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A 3 AUX	N/A	33-45122-E-31	22E-1-3203	Q001
*					FUNCTION/SERVICE: POWER SUPPLY FOR SAFETY INJ. SYS PUMP 1A							
*	SI 1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A 3 AUX	N/A	33-45122-E-32	22E-1-3203	Q002
*					FUNCTION/SERVICE: POWER SUPPLY FOR SAFETY INJ. SYS PUMP 1B							
*	SI 1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958 SH. 18	22E-1-3203	Q013
*					FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18800A, 00C, 01A, 05A, 08A, 08D, 13							

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958 SH.26	22E-1-3203	Q015
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18808C												
SI	1A035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A 7 AUX	N/A	75C247958 SH.24	22E-0-3056	Q016
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18802,04B,06,09B,11B,14,8923B												
SI	1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-0-3059	Q017
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18800B,04A,07A,11A,12A,12B,												
SI	1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7 AUX	N/A	75C247958 SH.20	22E-0-3051	Q018
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18800D,8923A,9010A,9011A												
SI	1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A 3 AUX	N/A	75C247958 SH.22	22E-1-3203	Q019
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18808B												
SI	1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A 7 AUX	N/A	75C247958 SH.25	22E-0-3056	Q020
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18807B,9010B,9011B												
SI	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29	22E-0-3059	Q021
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SUS VLVS 1MOV-S18801B,03B,09A												
SI	1A055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q035
* FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS MOV HEATERS												
SI	1CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	108D001	22E-0-3089	S001
* FUNCTION/SERVICE:												
SI	1CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D69	22E-0-3089	S004
* FUNCTION/SERVICE:												
SI	1CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D72	22E-0-3089	S005
* FUNCTION/SERVICE:												
SI	1CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S006
* FUNCTION/SERVICE:												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT / EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECC P.O. NO.	COL/ROW ELEVATN	C. NTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SI 1CB080	PROC I&C RACK WEST CONT GR 4			X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S007
*		FUNCTION/SERVICE:										
*	SI 1CB087	INSTR DIST BUS 111	FISH-H		X-2329	119387	H/28 642	A 1 AUX	N/A		22E-0-3089	S008
*		FUNCTION/SERVICE:										
*	SI 1CB089	INSTR DIST BUS 112	FISH-H		X-2329	119387	K/28 642	A 1 AUX	N/A		22E-0-3089	S009
*		FUNCTION/SERVICE:										
*	SI 1CB091	INSTR DIST BUS 113	FISH-H		X-2329	119387	K/29 642	A 1 AUX	N/A		22E-0-3089	S010
*		FUNCTION/SERVICE:										
*	SI 1CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.7	22E-0-3090	S024
*		FUNCTION/SERVICE:										
*	SI 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S025
*		FUNCTION/SERVICE: CONT & INDIC FOR SAFETY INJ SYS PUMPS AND VLVS										
*	SI 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S026
*		FUNCTION/SERVICE: CONT & INDIC FOR SAFETY INJ SYS PUMPS AND VLVS										
*	SI 1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S027
*		FUNCTION/SERVICE: CONT & INDIC FOR SAFETY INJ SYS VLVS										
*	SI 1CB012	MCB-BDP PORTION OF ESF	WEST		X-22005	382557	G/23 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	S029
*		FUNCTION/SERVICE:										
*	SI 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
*		FUNCTION/SERVICE:										
*	SI 1CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S056
*		FUNCTION/SERVICE:										
*	SI 1CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/27 642	A 1 AUX	N/A	108D001	22E-0-3089	S057
*		FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET

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*	SI 1CB096	SAFEGUARDS TEST CAB A	WEST		X-2200S	382	G/29 642	A 1 AUX	N/A		22E-0-3089	S072
*			FUNCTION/SERVICE:									
*	SI 1CB097	SAFEGUARDS TEST CAB B	WEST		X-2200S	382557	G/29 2	A 1 AUX	N/A		22E-0-3089	S073
*			FUNCTION/SERVICE:									
*	SI 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
*			FUNCTION/SERVICE:									
*	SI 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
*			FUNCTION/SERVICE:									
*	SI 1AB0044	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/23 560	A 7 AUX	N/A		22E-1-3208	X150
*			FUNCTION/SERVICE:RHR SYS TO SI PUMPS VLV 1MOV-SI8804B									
*	SI 1AB0052	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/23 560	A 7 AUX	N/A		22E-1-3208	X152
*			FUNCTION/SERVICE:RHR SYS TO SI PUMPS VLV 1MOV-SI8804A									
*	SI 1AB0570	JUNCTION BOX	LMTQ				M/23 560	A 7 AUX	N/A		22E-1-3208	X152
*			FUNCTION/SERVICE:RECIRC. PUMP TO RHR PUMP 1A VLV 1MOV-SI8811A									
*	SI 1AB0571	JUNCTION BOX	LMTQ				M/23 560	A 7 AUX	N/A		22E-1-3208	X153
*			FUNCTION/SERVICE:RECIRC PUMP TO RHR PUMP 1A VLV 1MOV-SI8811B									
*	SW 1SW001	PUMP MOTOR UNIT	WEST	TYPE CS-B5A	X-2236		CC/108 594'-0''	P 1 CRIB	N/A	6542D10	M-32-1	C751
*			FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR									
*	SW 1SW002	PUMP MOTOR UNIT	WEST	TYPE CS-V5A	X-2236		CC/110 594'-0''	P 1 CRIB	N/A	6542D10	M-32-1	C751
*			FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR									
*	SW 1SW003	PUMP MOTOR UNIT	WEST	TYPE CS-V5A	X-2236		CC/112 594'-0''	P 1 CRIB	N/A	6542D10	M-32-1	C751
*			FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR									
*	SW 0SW006	PUMP MOTOR UNIT	WEST	TALG	X-2247		CC/109 594'-0''	P 1 CRIB	N/A	FC-45788	M-32-1	C752
*			FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER BOOSTER PUMP									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW	OSW007	PUMP MOTOR UNIT	WES	TALG	X-2247		CC/109 594'-0''	P 1 CRIB	N/A	FC-45788	M-32-1	C752
FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER BOOSTER PUMP												
SW	OMOV-SW0003	VALVE MOTOR OPERATOR	LMTQ	SMB-1	X-2218	398321	BB/107 598'-0''	P 1 CRIB	N/A	037392-2	M-32-2	C755
FUNCTION/SERVICE:ACTUATES VALVE/SW HEADER ISOLATION												
SW	OMOV-SW0004	VALVE MOTOR OPERATOR	LMTQ	SMB-1	X-2218	398321	BB/107 508'-0''	P 1 CRIB	N/A	037392-2	M-32-2	C755
FUNCTION/SERVICE:ACTUATES VALVE/SW HEADER ISOLATION												
SW	OMOV-SW012	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/21 550'-0''	A 7 AUX	N/A		M-32-2	C758
FUNCTION/SERVICE:ACTUATES VALVE/COMP. CLG. EXCHANGERS												
SW	OMOV-SW013	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/21 550'-0''	A 7 AUX	N/A		M-32-2	C758
FUNCTION/SERVICE:ACTUATES VALVE/COMP. CLG. EXCHANGERS												
SW	OMOV-SW014	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/20 550'-0''	A 7 AUX	N/A		M-32-2	C758
FUNCTION/SERVICE:ACTUATES VALVE/COMP. CLG. EXCHANGERS												
SW	OMOV-SW015	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/20 550'-0''	A 7 AUX	N/A		M-32-2	C758
FUNCTION/SERVICE:ACTUATES VALVE/COMP. CLG. EXCHANGERS												
SW	1MOV-SW0001	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	G/22 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
FUNCTION/SERVICE:ACTUATES VALVE/TO CONT. VENT COOLERS												
SW	1MOV-SW0002	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	G/22 566'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
FUNCTION/SERVICE:ACTUATES VALVE/TO CONT. VENT COOLERS												
SW	1MOV-SW0003	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 566'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
FUNCTION/SERVICE:ACTUATES VALVE/TO CONT. VENT COOLERS												
SW	1MOV-SW0004	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 565'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
FUNCTION/SERVICE:ACTUATES VALVE/TO CONT. VENT COOLERS												
SW	1MOV-SW0005	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 565'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
FUNCTION/SERVICE:ACTUATES VALVE/TO CONT. VENT COOLERS												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SW 1MOV-SW0006	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 565'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
					FUNCTION/SERVICE:ACTUATES VALVE/TO CONT. VENT COOLERS							
*	SW 0MOV-SW0007	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	G/21 552'-0''	A 7 AUX	N/A	037402	M-32-2	C760
					FUNCTION/SERVICE:ACTUATES VALVE/DIESEL GENERATOR SUPPLY							
*	SW 0MOV-SW0008	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	G/20 552'-0''	A 7 AUX	N/A	037402	M-32-2	C760
					FUNCTION/SERVICE:ACTUATES VALVE/DIESEL GENERATOR SUPPLY							
*	SW 0MOV-SW0009	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	G/20 546'-0''	A 7 AUX	N/A	037402	M-32-2	C760
					FUNCTION/SERVICE:ACTUATES VALVE/DIESEL GENERATOR SUPPLY							
*	SW 0MOV-SW0010	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	G/21 599'-0''	A 7 AUX	N/A	037402	M-32-2	C760
					FUNCTION/SERVICE:ACTUATES VALVE/DIESEL GENERATOR SUPPLY							
*	SW 1MOV-SW0111	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
					FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER							
*	SW 1MOV-SW0112	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
					FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER							
*	SW 1MOV-SW0113	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
					FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER							
*	SW 1MOV-SW0114	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
					FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER							
*	SW 0MOV-SW0005	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	BB/107 598'-0''	P 1 CRIB	N/A	037392-2	M-32-2	C762
					FUNCTION/SERVICE:ACTUATES VALVE/FW SUPPLY ISOLATION							
*	SW 0MOV-SW0006	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	BB/107 598'-0''	P 1 CRIB	N/A	037392-2	M-32-2	C762
					FUNCTION/SERVICE:ACTUATES VALVE/FW SUPPLY ISOLATION							
*	SW 1MOV-SW0007	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/23 565'-0''	A 7 AUX	N/A	037392-2	M-32-2	C763
					FUNCTION/SERVICE:ACTUATES VALVE/FROM CONTAINMENT VENT COOLERS							

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PLANT ID NUMBER	COMPONENT / EQUIPMENT	COMPONENT / EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN IN OUT	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 1MOV-SW0008	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22	A 7 AUX	N/A	N/A	037392-2	M-32-2	C763
						568'-0"	CONTAINMENT VENT COOLERS					
SW 1MOV-SW0009	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22	A 7 AUX	N/A	N/A	037392-2	M-32-2	C763
						568'-0"	CONTAINMENT VENT COOLERS					
SW 1MOV-SW0010	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22	A 7 AUX	N/A	N/A	037392-2	M-32-2	C763
						568'-0"	CONTAINMENT VENT COOLERS					
SW 1MOV-SW0011	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22	A 7 AUX	N/A	N/A	037392-2	M-32-2	C763
						568'-0"	CONTAINMENT VENT COOLERS					
SW 1MOV-SW0016	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	J/32	A 5 DG	N/A	N/A		M-32-2	C764
						577'-0"	GENERATOR ISOLATION					
SW 1MOV-SW0017	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	J/32	A 5 DG	N/A	N/A		M-32-2	C764
						577'-0"	GENERATOR ISOLATION					
SW 1MOV-SW0018	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	J/32	A 5 DG	N/A	N/A		M-32-2	C764
						577'-0"	GENERATOR ISOLATION					
SW 1MOV-SW0019	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2302	109905	J/32	A 5 DG	N/A	N/A		M-32-2	C764
						577'-0"	GENERATOR ISOLATION					
SW 1PT-SW17	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		G/20	A AUX	N/A	N/A		M-32, M-299	M502
						542'-0"	PRESSURE INDICATION					
SW 1PI-SW17	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/23	A 1 AUX	N/A	N/A			M503
						642'-0"	PRESSURE INDICATION					
SW 1PI-SW107	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/23	A 1 AUX	N/A	N/A			M503
						642'-0"	PRESSURE INDICATION					
SW 1APO06	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31	A 3 AUX	N/A	N/A	33-45122-E-31	22E 1-3203	0001
						617	POWER FEED TO SW SYS WATER PUMP 1A					



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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 1A007		4160V SWGR, ESS-BUS 148	TYPE 5 HK-350	X-2240 103443	G/33	A 3 AUX	N/A	33-45122-E-32	22E 1-3203	0002	
		FUNCTION/SERVICE: POWER FEED TO SW SYS WATER PUMP 1B									
SW 1A008		4160V SWGR, ESS-BUS 149	TYPE 5 HK-350	X-2240 103443	G/34	A 3 AUX	N/A	33-45122-E-33	22E 1-3203	0003	
		FUNCTION/SERVICE: POWER FEED TO SW SYS WATER PUMP 1C									
SW 1A015		480V SWGR, ESS-BUS 139	TYPE DS	X-2257 103870	H/34	A 3 AUX	N/A	591F616 / 617	22E 1-3203	0009	
		FUNCTION/SERVICE: POWER SUPPLY TO SW SYS BOOSTER PUMP OB									
SW 1A030		480V AUX BLDG ESS MCC 1371	7700 LINE	X-2260 103869	J/31	A 3 AUX	N/A		22E-1-3203	0013	
		FUNCTION/SERVICE: POWER SUPPLY TO SW SYS VLVs 1MOV-SW0017, 019, 110 AND MTR HTR 1SW001									
SW 1A031		480V AUX BLDG ESS MCC 1381A	7700 LINE	X-2260 103869	N/19	A 3 AUX	N/A		22E-0-3059	0014	
		FUNCTION/SERVICE: POWER SUPPLY TO SW SYS VLVs 1MOV-SW0108, 016									
SW 1A033		480V AUX BLDG ESS MCC 1391	7700 LINE	X-2260 103869	H/34	A 3 AUX	N/A		22E-1-3203	0015	
		FUNCTION/SERVICE: POWER SUPPLY TO SW SYS VLVs 1MOV-SW0018, 109									
SW 1A035		480V AUX BLDG ESS MCC 1383A	7700 LINE	X-2260 103869	L/23	A 7 AUX	N/A		22E-0-3056	0016	
		FUNCTION/SERVICE: PWR SUPPLY SW SYS VLVs 0MDV-SW0007, 1MOV-SW0001, 003, 005, 006, 007, 100, 101, 104, 106, 107									
SW 1A036		480V AUX BLDG ESS MCC 1393A	7700 LINE	X-2260 103869	L/23	A 7 AUX	N/A		22E-0-3059	0017	
		FUNCTION/SERVICE: POWER SUPPLY SW SYS VLVs 0MDV-SW0008, 012, 014, 1MOV-SW0002, 102, 103, 115, 116									
SW 1A046		480V AUX BLDG ESS MCC 1372	7700 LINE	X-2260 103869	K/26	A 7 AUX	N/A		22E-0-3051	0018	
		FUNCTION/SERVICE: POWER SUPPLY SW SYS VLV 1MOV-SW0009									
SW 1A091		480V AUX BLDG ESS MCC 1383B	7700 LINE	X-2260 103869	G/24	A 7 AUX	N/A		22E-0-3056	0020	
		FUNCTION/SERVICE: POWER SUPPLY SW SYS VLV 1MOV-SW0008									
SW 1A093		480V AUX BLDG ESS MCC 1393C	7700 LINE	X-2260 103869	P/21	A 7 AUX	N/A		22E-0-3059	0022	
		FUNCTION/SERVICE: POWER SUPPLY SW SYS VLVs 1MOV-SW0004, 010, 011, 105									
SW 1A055		MOV HTRS-DIST, PNL-DIV 19	FISH-H B/M-C-458	X-2329 119387	P/20	A 7 AUX	N/A		22E-0-3059	0035	
		FUNCTION/SERVICE: POWER SUPPLY SW SYS MOV HEATERS									



COMPONENT/EQUIPMENT ID SHEET

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*	SW 1A032	480V CRIB HSE ESS MCC 1382	GE	7700 LINE	X-2260	103869	CC/111 594	P 1 CRIB	N/A		22E-1-3147	Q046
		FUNCTION/SERVICE: POWER SUPPLY TO SW SYS VLVS OMOV-SW0003.006 AND MTR HTR 1SW002										
*	SW 1A034	480V CRIB HSE ESS MCC 1392	GE	7700 LINE	X-2260	103869	BB/112 594	P 1 CRIB	N/A		22E-1-3147	Q047
		FUNCTION/SERVICE: POWER SUPPLY TO SW SYS STRAINER 1SW004.1SW005										
*	SW 1CB008	MCB-ESF DIV 17	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A E-12942	SH.8	22E-0-3090	S025
		FUNCTION/SERVICE:										
*	SW 1CB009	MCB-ESF DIV 18	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A E-12942	SH.8	22E-0-3090	S026
		FUNCTION/SERVICE: CONTROL AND INDICATION SW SYS PUMPS AND VALVES										
*	SW 1CB010	MCB-ESF DIV 19	WEST		X-22005	382557	H/23 642	A 1 AUX	N/A E-12942	SH.8	22E-0-3090	S027
		FUNCTION/SERVICE: CONTROL AND INDICATION SW SYS PUMPS AND VALVES										
*	SW 1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/26 642	A 1 AUX	N/A 303211	SH.182	22E-0-3089	S030
		FUNCTION/SERVICE:										
*	SW 1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/26 642	A 1 AUX	N/A 303211		22E-0-3089	S031
		FUNCTION/SERVICE:										
*	SW 0CB004	GENERAL SERV. PANEL	HARLO CORP.		X-2291	109918	G/20 642	A 1 AUX	N/A E12945	SH.8	22E-0-3083	S105
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS										
*	SW 1CB070	MCB-DIES GEN OA & AUX PWR	WE		X-22005	382557	K/20 630	A 1 AUX	N/A		22E-0-3090	S111
		FUNCTION/SERVICE: CONTROL AND INDICATION SW SYS VALVES										
*	SW 1CB071	MCB-DIES GEN 1A & AUX PWR	WE		X-22005	382557	K/20 630	A 1 AUX	N/A		22E-0-3090	S112
		FUNCTION/SERVICE: CONTROL AND INDICATION SW SYS VALVES										
*	SW 1CB072	MCB-DIES GEN 1B & AUX PWR	WE		X-22005	382557	K/20 630	A 1 AUX	N/A		22E-0-3090	S113
		FUNCTION/SERVICE: CONTROL AND INDICATION SW SYS VALVES										
*	SW 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A E13064-SH01A		22E-1-3203	T001
		FUNCTION/SERVICE:										



COMPONENT/EQUIPMENT ID SHEET													
* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SW 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617		A 3 AUX	N/A	E13064-SH01B	22E-1-3203	T003
*			FUNCTION/SERVICE:										
*	SW 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617		A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
*			FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS VALVES										
*	SW 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617		A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
*			FUNCTION/SERVICE:										
*	SW 1LP63	LOCAL CONT. STA. SWGR. RM. DIV. 19	FISH-H		X-2329	119387	J/34 617		A 3 AUX	N/A		22E-1-3203	T030
*			FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS										
*	SW 1LP08	DIESEL GEN 0 DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/32 592		A 5 AUX	N/A		22-E-03402	T037
*			FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS										
*	SW 1LP10	DIESEL GEN 0 DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/33 592		A 5 AUX	N/A		22E-1-3202	T039
*			FUNCTION/SERVICE:										
*	SW 1LP12	DIESEL GEN 2A DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/33 592		A 5 AUX	N/A		22E-1-3203	T041
*			FUNCTION/SERVICE:										
*	SW 1LP30	CONMT SPRY PU 1C CON. PNL	DRESS INDUS		X-2247	105582	N/21 560		A 7 AUX	N/A		22E-0-3059	T048
*			FUNCTION/SERVICE:										
*	SW 1LP43	SW STRNR MASTER CONT PNL	ELLIOT CO		X-2254	103871	BB/110 594		P 1 CRIB			22E-1-3147	T053
*			FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS STRAINERS										
*	SW 1LP61	LOC CONT STA SWGR RM DIV 17	FISH-H		X-2329	119387	J/30 617		A 3 AUX	N/A		22E-1-3203	T057
*			FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS										
*	SW 1LP62	LOC CONT STA SWGR RM DIV 18	FISH-H		X-2329	119387	J/32 617		A 3 AUX	N/A		22E-1-3203	T058
*			FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS										
*	SW OLP13	SODIUM HYPO-CHLORITE CONT. PNL	WAL. & TIER.		X-2270	111768	G/15 560		T 1 TURB	N/A		22E-2-3101	T114
*			FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET													
* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SW 1AB0039	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/23 560		A 7	AUX	N/A	22E-0-3057	X426
*													
*	SW 1AB0455	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/20 630		A 4	AUX	N/A	22E-0-3083	X460
*													
*	SW 1AB0456	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/20 630		A 4	AUX	N/A	22E-0-3083	X461
*													
*	SW 1AB0457	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/20 630		A 4	AUX	N/A	22E-0-3083	X462
*													
*													
*													
	SW 1AB0582	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/31 630		A 4	AUX	N/A	22E-1-3204	X471
*													
*	SW 1AB0583	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/33 630		A 4	AUX	N/A	22E-1-3204	X472
*													
*	SW 1CH0027	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/107 594		P 1	CRIB	N/A	22E-1-3147	X483
*													
*	SW 1CH0028	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/113 594		P 1	CRIB	N/A	22E-1-3147	X484
*													
*													
*													
	SW 1CH0029	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/113 594		P 1	CRIB	N/A	22E-1-3147	X485
*													
*													
*													
	SW 1CH0031	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/108 594		P 1	CRIB	N/A	22E-1-3147	X487
*													

COMPONENT/EQUIPMENT ID SHEET

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*	SW 1CH0032	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/110 594	P 1 CRIB	N/A		22E-1-3147	X488
*												
*	SW 1CH0033	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/112 594	P 1 CRIB	N/A		22E-1-3147	X489
*												
*	SW 1K-1012	JUNCTION BOX		EB-214D			BB/107-9 594	P 1 CRIB	N/A		22E-0-3402	X491
*												
*	SW 1K-1013	JUNCTION BOX		EB-214D			BB/109-11 594	P 1 CRIB	N/A		22E-0-3402	X492
*												
*	SW 1K-1014	JUNCTION BOX		EB-214D			BB/111-13 594	P 1 CRIB	N/A		22E-0-3402	X493
*												
*	TV 1TV-001	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/30 617'-0''	A 3 AUX	N/A		M-378,M-657	F501
*												
*	TV 1TV-002	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/32 617'-0''	A 3 AUX	N/A		M-378,M-657	F501
*												
*	TV 1TV-003	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/34 617'-0''	A 3 AUX	N/A		M-378,M-657	F501
*												
*	TV 0TV-011	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/31 592'-0''	A 5 DG	N/A		M-378,M-657	F502
*												
*	TV 1TV-009	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/34 592'-0''	A 5 DG	N/A		M-378,M-657	F502
*												
*	TV 1TV-010	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/33 592'-0''	A 5 DG	N/A		M-378,M-657	F502
*												
*	TV 1TV-012	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/34 642'-0''	T 1 TURB	N/A		M-378,M-657	F503
*												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROV ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	TV 1TV-013	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/34 642'-0''	T 1 TURB	N/A		M-378,M-657	F503
				FUNCTION/SERVICE:FUEL OIL ROOM/FUME EXHAUST								
*	TV 1TV-151	VENT FAN MOTOR	GE	FT-108/375HP	X-2276		J/33 592'-0''	A 5 DG	N/A		M-378,M-657	F504
				FUNCTION/SERVICE:TURBINE BLDG VENT SYSTEM CONTROLS/AIR COMPRESSOR								
*	VC 1MOV-VC-LCV 112D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	M/23 577'-0''	A 11 AUX	N/A	15-1028-3	M-55	B509
				FUNCTION/SERVICE:ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS								
*	VC 1MOV-VC-LCV 112E	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	M/23 577'-0''	A 11 AUX	N/A	15-1028-3	M-55	B509
				FUNCTION/SERVICE:ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS								
*	VC 1FT-121	FLOW TRANSMITTER	F&P	10B2496	X-2200	104253	K/22 560'-0''	A 7 AUX	N/A		M-55,M-297	N301
				FUNCTION/SERVICE:CHARGING LINE FLOW CONTROL,INDICATION & ALARM/CHARGING LINE								
*	VC 1FI-121A	FLOW INDICATOR	WEST	VX-252	X-2200	110473	H/23 642'-0''	A 1 AUX	N/A		22E-1-4303	N302
				FUNCTION/SERVICE:CHARGING LINE FLOW INDICATION/CHARGING LINE								
*	VC 1APO06	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A 3 AUX	N/A	33-45122-E-31	22E 1-3203	Q001
				FUNCTION/SERVICE:POWER SUPPLY FOR CENTRAL CHARGING PUMP 1B								
*	VC 1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A 3 AUX	N/A	33-45122-E-33	22E 1-3203	Q003
				FUNCTION/SERVICE:POWER SUPPLY FOR CENTRAL CHARGING PUMP 1A								
*	VC 1APO14	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A 3 AUX	N/A	591F616 591F671	22E-1-3203	Q008
				FUNCTION/SERVICE: POWER SUPPLY FOR VC SYS POS DISP CHARGING PUMP 1C (1VC008)								
*	VC 1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A 3 AUX	N/A	75C247958 18,19	22E-1-3203	Q013
				FUNCTION/SERVICE:PWR SUP FOR VC SYS PUMP 1VC023 AND VLVS 1LCV-VC112C,1MOV-VC8105								
*	VC 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A 3 AUX	N/A	75C247958 26,26A	22E-1-3203	Q015
				FUNCTION/SERVICE: POWER SUPPLY FOR VC SYS PUMP 2VC024								
*	VC 1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-226C	103869	H/24 560	A 7 AUX	N/A	75C247958,24,27	22E-0-3056	Q016
				FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET

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VC	1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-226C	103869	L/23 617	A 7 AUX	N/A	75C247958 SH.28	22E-O-3059	Q017
* FUNCTION/SERVICE: PWR SUP FOR VC SYS VALVE 1LCV-VC112E S 1LCV-												
VC	1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A 7 AUX	N/A	75C247958 SH.20	22E-O-3051	Q018
* FUNCTION/SERVICE: PWR SUP FOR VC SYS PUMP 1VCO07 AND VLVS 1LCV-VC112D, 1MOV-VC8110												
VC	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29	22E-O-3059	Q021
* FUNCTION/SERVICE: PWR SUP FOR VC SYS PUMP 1VCO06 AND VLVS 1LCV-VC112B, 1MOV-VC8111												
VC	1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A 7 AUX	N/A	75C247958 SH.29A	22E-O-3059	Q022
* FUNCTION/SERVICE: PWR SUP FOR VC SYS VLVS 1MOV-VC8100.06												
VC	1A055	MOV HTRS- DIET. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-O-3059	Q035
* FUNCTION/SERVICE: PWR SUP FOR VC SYS MOV HTRS												
VC	1CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	108D001	22E-O-3089	S001
* FUNCTION/SERVICE:												
VC	1CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/28 642	A 1 AUX	N/A		22E-O-3089	S002
* FUNCTION/SERVICE:												
VC	1CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D69	22E-O-3089	S004
* FUNCTION/SERVICE: CONT & INST FOR VC SYS RCP 1A												
VC	1CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A	5978D72	22E-O-3089	S005
* FUNCTION/SERVICE: CONT & INST FOR VC SYS RCP												
VC	1CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-O-3091	S006
* FUNCTION/SERVICE: CONT & INSTR FOR VC SYS RCP 1D												
VC	1CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/28 642	A 1 AUX	N/A		22E-O-3091	S007
* FUNCTION/SERVICE: CONT & INSTR FOR VC SYS RCP 1B												
VC	1CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	K/23 642	A 1 AUX	N/A	E12942 SH.7	22E-O-3090	S023
* FUNCTION/SERVICE: CONTROL AND INDICATION FOR VC SYS VALVES												



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	1CB007	MCB-C&VC SYS	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E12942	22E-0-3090	S024
* FUNCTION/SERVICE: CONTROL AND INDICATION FOR VC SYS PUMPS AND VALVES												
VC	1CB008	MCB-ESF DIV 17	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E12942 SH. 8	22E-0-3090	S025
* FUNCTION/SERVICE:												
VC	1CB010	MCB-ESF DIV 19	WEST		X-2200S	382557	H/23 642	A 1 AUX	N/A	E12942 SH. 8	22E-0-3090	S027
* FUNCTION/SERVICE:												
VC	1CB012	MCB-BOP PORTION OF ESF	WEST		X-2200S	382557	C/23 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	S029
* FUNCTION/SERVICE:												
VC	1CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/26 642	A 1 AUX	N/A	303211	22E-0-3089	S031
* FUNCTION/SERVICE:												
VC	1CB032	ESF SAF ACT LOGIC A	WEST		X-2200S	382557	H/28 642	A 1 AUX	N/A		22E-0-3089	S056
* FUNCTION/SERVICE:												
VC	1CB033	ESF SAF ACT LOGIC B	WEST		X-2200S	382557	H/27 642	A 1 AUX	N/A	108D001	22E-0-3089	S057
* FUNCTION/SERVICE:												
VC	1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A 1 AUX	N/A		22E-0-3089	S071
* FUNCTION/SERVICE:												
VC	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A 3 AUX	N/A	E13064-SH01A	22E-1-3203	T001
* FUNCTION/SERVICE:												
VC	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A 3 AUX	N/A	E13064-SH01C	22E-1-3203	T005
* FUNCTION/SERVICE:												
VC	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A 3 AUX	N/A	E13064-SH01F	22E-1-3203	T006
* FUNCTION/SERVICE:												
VC	1CM004	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/24 642	A 6 AUX	N/A		22E-1-3400	U006
* FUNCTION/SERVICE:												

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	1K-1009	J.B. ON INST. RACK NO. 1RM40	WF JHN BARNES		X-2313	123157	K/22 560	A 7 AUX	N/A		22E-1-3410	W037
			FUNCTION/SERVICE:									
VC	1K-0700	JUNCTION BOX		EB-214			G/26 656	A 6 AUX	N/A		22E-1-3400	X490
			FUNCTION/SERVICE:									
VC	1K-1041	JUNCTION BOX		EB-214			P/22 587	A 11 AUX	N/A		22E-1-3407	X495
			FUNCTION/SERVICE: DOWNSTREAM RC FILTER DISCHARGE TO HOLD UP TANKS 1FQY-VC23									

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	OZZCA01	12 TW PR NO16 600V INSTR CABLE	BIW	B/M A104.6 A204.6				C 1				Z001
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA02	8 TW PR NO 16 600V INSTR CABLE	BIW	B/M A104.5 A204.5				C 1				Z002
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA03	4 TW PR NO 16 600V INSTR CABLE	BIW	B/M A104.4 A204.4				C 1				Z003
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA04	2 TW PR NO 16 600V INSTR CABLE	BIW	B/M A104.3 A204.3				C 1				Z004
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA05	3/C NO 16 600V INSTR CABLE	BIW	B/M A104.1 A204.1				C 1				Z005
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA06	1 TW PR NO 16 600V INSTR CABLE	BIW	B/M A104.2 A204.2				C 1				Z006
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA07	1 PR NO 20 T/C CR/C 600V T C CABLE	BIW	B/M A105.1 A205.1				C 1				Z007
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA08	4 PR NO 20 T/C CR/C 600V T C CABLE	BIW	B/M A105.2 A205.2				C 1				Z008
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA09	2/C NO 10 600V CONTROL CABLE	KERITE	B/M A103.5 A203.5				C 1				Z009
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA10	12/C NO 14 600V CONTROL CABLE	KERITE	B/M A013.7 A203.7				C 1				Z010
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA11	9/C NO 14 600V CONTROL CABLE	KERITE	B/M A103.8 A203.8				C 1				Z011
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										
*	OZZCA12	7/C NO 14 600V CONTROL CABLE	KERITE	B/M A103.9 A203.9				C 1				Z012
		FUNCTION/SERVICE: CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES										

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. D. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO		
*	OZZCA13	4/C NO 14 500V CONTROL CABLE	KERITE B/M	A103.10 A203.10	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z013
*	OZZCA14	3/C NO 14 500V CONTROL CABLE	KERITE B/M	A103.11 A203.11	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z014
*	OZZCA15	2/C NO 14 500V CONTROL CABLE	KERITE B/M	A103.12 A203.12	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z015
*	OZZCA16	1/C NO 14 500V CONTROL CABLE	KERITE B/M	A103.13 A203.13	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z016
*	OZZCA17	1/C NO 750MCM 500V POWER CABLE	KERITE B/M	A102.1 A202.1	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z017
*	OZZCA18	1/C NO 500MCM 500V POWER CABLE	KERITE B/M	A102.2 A202.2	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z018
*	OZZCA19	1/C NO 350MCM 500V POWER CABLE	KERITE B/M	A102.3 A202.3	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z019
*	OZZCA20	1/C NO 250MCM 500V POWER CABLE	KERITE B/M	A102.4 A202.4	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z020
*	OZZCA21	3/C NO 4/0 500V POWER CABLE	KERITE B/M	A102.7 A202.7	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z021
*	OZZCA22	1/C NO 4/0 500V POWER CABLE	KERITE B/M	A102.5 A202.5	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z022
*	OZZCA23	3/C NO 1/0 500V POWER CABLE	KERITE B/M	A102.8 A202.8	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z023
*	OZZCA24	1/C NO 1.0 500V POWER CABLE	KERITE B/M	A102.6 A202.6	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									Z024



COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	OZZCA25	3/C NO 2 600V POWER CABLE	KERITE	B/M A102.9 A202.9				C 1				Z025
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA26	1/C NO 2 600V POWER CABLE	KERITE	B/M A102.14 A202.14				C 1				Z026
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA27	3/C NO 6 600V POWER CABLE	KERITE	B/M A102.10 A202.10				C 1				Z027
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA28	1/C NO 6 600V POWER CABLE	KERITE	B/M A102.15 A202.15				C 1				Z028
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA30	CABLE SPLICES BIW CABLES	RAY- CHEM					C 1				Z030
		FUNCTION/SERVICE:	CABLE SPLICE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA31	CABLE SPLICES KERITE CABLES	KERITE					C 1				Z031
		FUNCTION/SERVICE:	CABLE SPLICE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA32	1/C NO 1500 MCM, 5KV POWER CABLE	KERITE	B/M A101.1 A201.1				C 1				Z032
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA33	1/C NO 1000 MCM, 5KV POWER CABLE	KERITE	B/M A101.2 A201.2				C 1				Z033
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA34	1/C NO 500MCM 5KV POWER CABLE	KERITE	B/M A101.3 A201.3				C 1				Z034
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA35	3/C NO 500MCM 5KV POWER CABLE	KERITE	B/M A101.4 A201.4				C 1				Z035
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA36	3/C NO 1/O 5KV POWER CABLE	KERITE	B/M A101.6 A201.6				C 1				Z036
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									
*	OZZCA37	3/C NO 2 5KV POWER CABLE	KERITE	B/M A101.7 A201.7				C 1				Z037
		FUNCTION/SERVICE:	CABLE ID NUMBERS GIVEN FOR DATA IDENTIFICATION PURPOSES									

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR NUMBER	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	ELEVAIN	COL/ROW	CONTAIN	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP	1EPO21	ELECT. PENET. E-21	D. G. O. TYPE 3.1	X-2308	113967	M/28 530	CONT	ABV	R19D2226G	22E-1-3206	RO04		
			FUNCTION/SERVICE: CONT CABLE PENET POWER FEED TO HTRS/VLVS 1MOV-S18808B, -RH8702,3										
AP	1EPO49	ELECT. PENET. E-49	D. G. O. TYPE 3.1	X-2308	113967	M/28 517	CONT	ABV	R19D2226G	22E-1-3206	RO09		
			FUNCTION/SERVICE: CONT CA PENET PWR FEED TO HTRS/VLVS 1MOV-S18808A&D, -S18800A,C,D										
AP	1EPO51	ELECT. PENET. E-51	D. G. O. TYPE 3.1	X-2308	113967	M/28 617	CONT	ABV	R19D2226G	22E-1-3206	RO10		
			FUNCTION/SERVICE: CONT CABLE PENET POWER FEED TO HTRS/VLVS 1MOV-RC8000A&B, -S18008B&C										
AR	1RE-AR01	RADIATION DETECTOR	NMC GA-21M	X-2333		Z4 617'-0''	CONT			M-288	M802		
			FUNCTION/SERVICE: ALARM & RECORDING/CONTAINMENT										
AR	1EPO45	ELECT. PENET. E-45	D. G. O. TYPE 4.1	X-2308	113967	M/28 617	CONT	ABV	R19D2227G	22E-1-3206	RO07		
			FUNCTION/SERVICE:										
CI	1EPO25	ELECT. PENET. E-25	D. G. O. TYPE 5.1	X-2308	113967	M/28 630	CONT	ABV	R19D2228P	22E-1-3206	RO27		
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION										
CI	1EPO26	ELECT. PENET. E-26	D. G. O. TYPE 5.1	X-2308	113967	M/28 630	CONT	ABV	R19D2228P	22E-1-3206	RO29		
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION										
CI	1EPO55	ELECT. PENET. E-55	D. G. O. TYPE 5.1	X-2308	113967	M/28 617	CONT	ABV	R19D2228P	22E-1-3206	RO31		
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION										
CI	1EPO56	ELECT. PENET. E-56	D. G. O. TYPE 5.1	X-2308	113967	M/28 617	CONT	ABV	R19D2228P	22E-1-3206	RO33		
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION										
CI	1EPO12	ELECT. PENET. E-12	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	CONT	ABV	R19D2228P	22E-1-3206	RO51		
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	1EPO60	ELECT. PENET. E-60	D. G. O. TYPE 2.3	X-2308	113967	M/28 617	CONT	ABV	R19D2225P	22E-1-3206	RO53		
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	1EPO01	ELECT. PENET. E-1	D. G. O. TYPE 1.1	X-2308	113967	M/28 630	CONT	ABV	R19D2222P	22E-1-3206	RO55		
			FUNCTION/SERVICE: POWER CABLE PENETRATION										



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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 1EPO03	ELECT PENET E-3	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2225P	22E-1-3206	R057
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO05	ELECT PENET E-5 (SPARE)	D. G. O. SPARE	X-2308	113967	M/28 630	C 1	CONT ABV		22E-1-3206	R058
	FUNCTION/SERVICE- SPARE CABLE PENET									
CI 1EPO07	ELECT PENET E-7	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2225P	22E-1-3206	R059
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO08	ELECT PENET E-8 (SPARE)	D. G. O. SPARE	X-2308	113967	M/28 630	C 1	CONT ABV		22E-1-3206	R060
	FUNCTION/SERVICE- SPARE CABLE PENET									
CI 1EPO09	ELECT PENET E-9	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2225P	22E-1-3206	R061
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO10	ELECT PENET E-10	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2225P	22E-1-3206	R062
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO11	ELECT PENET E-11	D. G. O. TYPE 1.1	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2222P	22E-1-3206	R063
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO13	ELECT PENET E-13	D. G. O. TYPE 5.2	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2238G	22E-1-3206	R064
	FUNCTION/SERVICE- INSTRUMENT CABLE PENETRATION									
CI 1EPO14	ELECT PENET E-14 (SPARE)	D. G. O. SPARE	X-2308	113967	M/28 630	C 1	CONT ABV		22E-1-3206	R065
	FUNCTION/SERVICE- SPARE CABLE PENET									
CI 1EPO18	ELECT PENET E-18	D. G. O. TYPE 1.1	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2222P	22E-1-3206	R066
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO19	ELECT PENET E-19	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2225P	22E-1-3206	R067
	FUNCTION SERVICE: POWER CABLE PENETRATION									
CI 1EPO20	ELECT PENET E-20	D. G. O. TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2225P	22E-1-3206	R068
	FUNCTION SERVICE: POWER CABLE PENETRATION									



COMPONENT/EQUIPMENT 'D SHEET

* S.	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	CI 1EPO23	ELECT PENET E-23 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/28 630	C 1	CONT	ABV		22E-1-3206	R069
			FUNCTION/SERVICE- SPARE CABLE PENET										
	CI 1EPO24	ELECT PENET E-24	D.G.O.	TYPE 2.1	X-2308	113967	M/28 630	C 1	CONT	ABV	R19D2223P	22E-1-3206	R070
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO28	ELECT PENET E-28	D.G.O.	TYPE 1.1	X-2308	113967	M/28 630	C 1	CONT	ABV	R19D2222P	22E-1-3206	R071
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO29	ELECT PENET E-29	D.G.O.	TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT	ABV	R19D2225P	22E-1-3206	R072
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO30	ELECT PENET E-30	D.G.O.	TYPE 2.3	X-2308	113967	M/28 630	C 1	CONT	ABV	R19D2225P	22E-1-3206	R073
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO31	ELECT PENET E-31	D.G.O.	TYPE 1.1	X-2308	113967	M/28 617	C 1	CONT	ABV	R19D2222P	22E-1-3206	R074
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO32	ELECT PENET E-32	D.G.O.	TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT	ABV	R19D2225P	22E-1-3206	R075
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO33	ELECT PENET E-33	D.G.O.	TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT	ABV	R19D2225P	22E-1-3206	R076
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO35	ELECT PENET E-35 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/28 617	C 1	CONT	ABV		22E-1-3206	R077
			FUNCTION/SERVICE- SPARE CABLE PENET										
	CI 1EPO36	ELECT PENET F-36 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/28 617	C 1	CONT	ABV		22E-1-3206	R078
			FUNCTION/SERVICE- SPARE CABLE PENET										
	CI 1EPO37	ELECT PENET E-37	D.G.O.	TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT	48V	R19D2225P	22E-1-3206	R079
			FUNCTION SERVICE: POWER CABLE PENETRATION										
	CI 1EPO38	ELECT PENET E-38	D.G.O.	TYPE 1.1	X-2308	113967	M/28 617	C 1	CONT	ABV	R19D2222P	22E-1-3206	R080
			FUNCTION SERVICE: POWER CABLE PENETRATION										

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 1EPO39	ELECT PENET E-39 (SPARE)	D.G.O. SPARE	X-2308	113967	M/28 617	C 1	CONT ABV	22E-1-3206	22E-1-3206	RO81
CI 1EPO41	ELECT PENET E-41	D.G.O. TYPE 1.1	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2222P	22E-1-3206	RO82
CI 1EPO42	ELECT PENET E-42	D.G.O. TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2222P	22E-1-3206	RO83
CI 1EPO43	ELECT PENET E-43	D.G.O. TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2222P	22E-1-3206	RO84
CI 1EPO44	ELECT PENET E-44	D.G.O. TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2222P	22E-1-3206	RO85
CI 1EPO48	ELECT PENET E-48	D.G.O. TYPE 1.1	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2222P	22E-1-3206	RO86
CI 1EPO58	ELECT PENET E-58 (SPARE)	D.G.O. SPARE	X-2308	113967	M/28 617	C 1	CONT ABV	22E-1-3206	22E-1-3206	RO87
FW 1FT-0512	FLOW TRANSMITTER	F&P 10B2491 VCBB-NS	X-2200	104253	568'-0''	Z7 C 1	CONT ABV	M-20,M-351	M-20,M-351	M201
FW 1FT-0513	FLOW TRANSMITTER	F&P 10B2491 VCBB-NS	X-2200	104253	568'-0''	Z7 C 1	CONT BEL	M-20,M-351	M-20,M-351	M201
FW 1FT-0522	FLOW TRANSMITTER	F&P 10B2491 VCBB-NS	X-2200	104253	568'-0''	Z12 C 1	CONT ABV	M-20,M-352	M-20,M-352	M201
FW 1FT-0523	FLOW TRANSMITTER	F&P 10B2491 VCBB-NS	X-2200	104253	568'-0''	Z12 C 1	CONT BEL	M-20,M-352	M-20,M-352	M201
FW 1FT-0532	FLOW TRANSMITTER	F&P 10B2491 VCBB-NS	X-2200	104253	568'-0''	Z14 C 1	CONT APV	M-20,M-353	M-20,M-353	M201



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1FT-0533	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT BEL		M-20,M-353	M201
				FUNCTION/SERVICE:SG LOOP D STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM								
*	FW 1FT-0542	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z2 568'-0''	C 1	CONT ABV		M-20,M-353	M201
				FUNCTION/SERVICE:SG LOOP B STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP B STEAM								
*	FW 1FT-0543	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z2 568'-0''	C 1	CONT ABV		M-20,M-353	M201
				FUNCTION/SERVICE:SG LOOP B STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP B STEAM								
*	FW 1LT-0517	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z7 568'-0''	C 1	CONT BEL		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL								
*	FW 1LT-0518	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z8 568'-0''	C 1	CONT ABV		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL								
*	FW 1LT-0519	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z7 568'-0''	C 1	CONT ABV		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL								
*	FW 1LT-0527	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z12 568'-0''	C 1	CONT BEL		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP C LEVEL								
*	FW 1LT-0508	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z12 568'-0''	C 1	CONT ABV		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP C LEVEL								
*	FW 1LT-0529	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z12 568'-0''	C 1	CONT BEL		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP C LEVEL								
*	FW 1LT-0537	LEVEL TRANSMITTER	F&P	13D24H5 KBBABBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT BEL		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP D LEVEL								
*	FW 1LT-0538	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT BEL		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP D LEVEL								
*	FW 1LT-0539	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT ABV		M-22,M-351	M202
				FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP D LEVEL								

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1LT-0547	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z3 568'-0"	C 1	CONT	BEL		M-22,M-351	M202
				FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP B LEVEL									
*	FW 1LT-0548	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z4 568'-0"	C 1	CONT	BEL		M-22,M-351	M202
				FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP B LEVEL									
*	FW 1LT-0549	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z2 568'-0"	C 1	CONT	ABV		M-22,M-351	M202
				FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP B LEVEL									
*	FW 1EP006	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2227G		22E-1-3206	RO01
				FUNCTION/SERVICE:									
*	FW 1EP015	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2227G		22E-1-3206	RO02
				FUNCTION/SERVICE:									
*	FW 1EP045	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2227G		22E-1-3206	RO07
				FUNCTION/SERVICE:									
*	FW 1EP046	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2227G		22E-1-3206	RO08
				FUNCTION/SERVICE:									
*	FW 1RM21	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z3 568	C 1	CONT	BEL		22E-1-3234	W011
				FUNCTION/SERVICE:									
*	FW 1X-1002	J.B. ON INST. RACK NO. 1RM22	WF JHN BARNES		X-2313	123157	Z4 568	C 1	CONT	BEL		22E-1-3234	W013
				FUNCTION/SERVICE:									
*	FW 1RM22	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z4 568	C 1	CONT	BEL		22E-1-3234	W012
				FUNCTION/SERVICE:									
*	FW 1RM23	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z4 568	C 1	CONT	BEL		22E-1-3234	W015
				FUNCTION/SERVICE:									
*	FW 1X-1003	J.B. ON INST. RACK NO. 1RM23	WF JHN BARNES		X-2313	123157	Z4 568	C 1	CONT	BEL		22E-1-3234	W015
				FUNCTION/SERVICE:									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1X-1005	J.B. ON INST. RACK NO. 1RM25	WF JHN BARNES		X-2313	123157	Z6 568	C 1	CONT	BEL		22E-1-3231	W019
*			FUNCTION/SERVICE:										
*	FW 1RM26	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z7 568	C 1	CONT	BEL		22E-1-3231	W021
*			FUNCTION/SERVICE:										
*	FW 1RM27	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z6 568	C 1	CONT	BEL		22E-1-3232	W023
*			FUNCTION/SERVICE:										
*	FW 1X-1007	J.B. ON INST. RACK NO. 1RM27	WF JHN BARNES		X-2313	123157	Z6 568	C 1	CONT	BEL		22E-1-3232	W023
*			FUNCTION/SERVICE:										
*	FW 1RM29	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z11 568	C 1	CONT	BEL		22E-1-3232	W027
*			FUNCTION/SERVICE:										
*	FW 1X-1010	J.B. ON INST. PACK NO. 1RM30	WF JHN BARNES		X-2313	123157	Z14 568	C 1	CONT	BEL		22E-1-3233	W029
*			FUNCTION/SERVICE:										
*	FW 1RM30	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z14 568	C 1	CONT	BEL		22E-1-3233	W029
*			FUNCTION/SERVICE:										
*	FW 1X-1012	J.B. ON INST. RACK NO. 1RM32	WF JHN BARNES		X-2313	123157	Z14 568	C 1	CONT	BEL		22E-1-3233	W031
*			FUNCTION/SERVICE:										
*	FW 1RM32	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z14 568	C 1	CONT	BEL		22E-1-3233	W031
*			FUNCTION/SERVICE:										
*	FW 1RM33	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z14 568	C 1	CONT	BEL		22E-1-3233	W033
*			FUNCTION/SERVICE:										
*	FW 1X-1013	J.B. ON INST. RACK NO. 1RM33	WF JHN BARNES		X-2313	123157	Z14 568	C 1	CONT	BEL		22E-1-3233	W033
*			FUNCTION/SERVICE:										
*	FW 1RM34	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z3 568	C 1	CONT	BEL		22E-1-3234	W035
*			FUNCTION/SERVICE:										

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	COL/RW ELEVATN	CONTAIN IN OUT	BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP 1EPO17	ELECT. PENET. E-17	D. G. D. TYPE 3.1	M/28 630	C 1	CONT	ABV R19D2226G	22E-1-3206	RO03
		FUNCTION/SERVICE: CONTROL CABLE PENETRATION, REACTOR IN-CORE THERMOCOUPLES						
IP 1EPO21	ELECT. PENET. E-21	D. G. D. TYPE 3.1	M/28 630	C 1	CONT	ABV R19D2226G	22E-1-3206	RO04
		FUNCTION/SERVICE: CONTROL CABLE PENETRATION, ACCUMULATOR TANK 1A & 1C LEVEL INSTRUMENTS 1LT-951 & 3						
IP 1EPO49	ELECT. PENET. E-49	D. G. D. TYPE 3.1	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	RO09
		FUNCTION/SERVICE: CONTROL CABLE PENETRATION, ACCUMULATOR TANK 1A & 1C LEVEL INSTRUMENTS 1LT-950 & 2						
IP 1EPO51	ELECT. PENET. E-51	D. G. D. TYPE 3.1	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	PO10
		FUNCTION/SERVICE: CONTROL CABLE PENETRATION, ACCUMULATOR TANK 1B & 1D LEVEL INSTRUMENTS 1LT-954 & 6						
IP 1EPO02	ELECT. PENET. C-2	D. G. D. TYPE 3.1	M/28 630	C 1	CONT	ABV R19D2226G	22E-1-3206	RO56
		FUNCTION/SERVICE: CONTROL CABLE PENETRATION, REACTOR IN-CORE THERMOCOUPLES						
IP 1NR067	THERMOCOUPLE REF. TERM BOX NO. 1	WEST	227 603	C 1	CONT	ABV	22E-1-3236	X420
		FUNCTION/SERVICE: CONTROL, REACTOR IN-CORE THERMOCOUPLES						
IP 1NR068	THERMOCOUPLE REF. TERM BOX NO. 2	WEST	29 603	C 1	CONT	AB	22E-1-3237	X422
		FUNCTION/SERVICE: CONTROL, REACTOR IN-CORE THERMOCOUPLES						
MS 1EPO15	ELECT. PENET. E-15	D. G. D. TYPE 4.1	M/28 630	C 1	CONT	ABV R19D2227G	22E-1-3206	RO02
		FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION, STEAM GENERATORS 1A, B, C, D; LOOPS A, B, C & D, MAIN STEAM FLOW						
MS 1EPO46	ELECT. PENET. E-46	D. G. D. TYPE 4.1	M/28 617	C 1	CONT	ABV R19D2227G	22E-1-3206	RO08
		FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION, STEAM GENERATORS 1A, B, C, D; LOOPS A, B, C & D, MAIN STEAM FLOW						
MS 1X-1000	J.B. ON INST. RACK NO. 1RM19	WF JHN BARNES	Z2 568	C 1	CONT	BEL	22E-1-3234	WO07
		FUNCTION/SERVICE: STEAM GENERATOR 1B, LOOP B, MAIN STEAM FLOW (1FTS42)						



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	MS 1RM19	LOCAL INSTR RACK	WF JHN BARNES	X-2313	123157	22	568	C 1	CONT BEL		22E-1-3234	W007
			FUNCTION/SERVICE: STEAM GENERATOR 1B, LOOP B, MAIN STEAM FLOW (1FT542)									
*	MS 1X-1002	J.B. ON INST. RACK NO. 1RM22	WF JHN BARNES	X-2313	123157	24	568	C 1	CONT BEL		22E-1-3234	W013
			FUNCTION/SERVICE: STEAM GENERATOR 1B, LOOP B, MAIN STEAM FLOW (1FT543)									
*	MS 1RM24	LOCAL INSTR RACK	WF JHN BARNES	X-2313	123157	27	568	C 1	CONT BEL		22E-1-3234	W017
			FUNCTION/SERVICE: STEAM GENERATOR 1A, LOOP A, MAIN STEAM FLOW (1FT512)									
*	MS 1X-1004	J.B. ON INST. RACK NO. 1RM24	WF JHN BARNES	X-2313	123157	27	568	C 1	CONT BEL		22E-1-3234	W017
			FUNCTION/SERVICE: STEAM GENERATOR 1A, LOOP A, MAIN STEAM FLOW (1FT512)									
*	MS 1X-1005	J.B. ON INST. RACK NO. 1RM25	WF JHN BARNES	X-2313	123157	26	568	C 1	CONT BEL		22E-1-3231	W019
			FUNCTION/SERVICE: STEAM GENERATOR 1A, LOOP A MAIN STEAM FLOW (1FT513)									
*	MS 1RM25	LOCAL INSTR RACK	WF JHN BARNES	X-2313	123157	26	568	C 1	CONT BEL		22E-1-3231	W019
			FUNCTION/SERVICE: STEAM GENERATOR 1A, LOOP A MAIN STEAM FLOW (1FT513)									
*	MS 1X-1007	J.B. ON INST. RACK NO. 1RM27	WF JHN BARNES	X-2313	123157	26	568	C 1	CONT BEL		22E-1-3231	W023
			FUNCTION/SERVICE: STEAM GENERATOR 1C, LOOP C MAIN STEAM FLOW (1FT522)									
*	MS 1RM28	LOCAL INSTR RACK	WF JHN BARNES	X-2313	123157	212	568	C 1	CONT BEL		22E-1-3232	W025
			FUNCTION/SERVICE: STEAM GENERATOR 1C, LOOP C, MAIN STEAM FLOW (1FT523)									
*	MS 1X-1008	J.B. ON INST. RACK NO. 1RM28	WF JHN BARNES	X-2313	123157	212	568	C 1	CONT BEL		22E-1-3232	W025
			FUNCTION/SERVICE: STEAM GENERATOR 1C, LOOP C, MAIN STEAM FLOW (1FT523)									
*	MS 1X-1010	J.B. ON INST. RACK NO. 1RM30	WF JHN BARNES	X-2313	123157	214	568	C 1	CONT BEL		22E-1-3233	W029
			FUNCTION/SERVICE: STEAM GENERATOR 1D, LOOP D, MAIN STEAM FLOW (1FT532)									
*	RC 1MOV-RC8001A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z8 594'-0''	C 1	CONT ABV		M-53	C001
			FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL									
*	RC 1MOV-RC8001B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z10 594'-0''	C 1	CONT ABV		M-53	C001
			FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	1MOV-RC8001C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z16 534'-0''	C 1	CONT	ABV		M-53	CO01
					FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL								
RC	1MOV-RC8001D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z1 594'-0''	C 1	CONT	ABV		M-53	CO01
					FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL								
RC	1MOV-RC8002A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z6 592'-0''	C 1	CONT	ABV		M-53	CO01
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
RC	1MOV-RC8002B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z11 594'-0''	C 1	CONT	ABV		M-53	CO01
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
RC	1MOV-RC8002C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z15 594'-0''	C 1	CONT	ABV		M-53	CO01
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
RC	1MOV-RC8002D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z3 594'-0''	C 1	CONT	ABV		M-53	CO01
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
RC	1MOV-RC8003A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z7 583'-0''	C 1	CONT	ABV	P-418658	M-53	CO02
					FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002								
RC	1MOV-RC8003B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z2 583'-0''	C 1	CONT	ABV	P-418658	M-53	CO02
					FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002								
RC	1MOV-RC8003C	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z15 583'-0''	C 1	CONT	ABV	P-418658	M-53	CO02
					FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002								
RC	1MOV-RC8003D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z10 583'-0''	C 1	CONT	ABV	P-418658	M-53	CO02
					FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002								
RC	1MOV-RC8000A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z3 657'-0''	C 1	CONT	ABV	88405-2	M-52	CO03
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER								
RC	1MOV-RC8000B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z3 657'-0''	C 1	CONT	ABV	88405-2	M-52	CO03
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER								

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1PCV-455C	SOLENIOD OPERATOR	ASCO	LB-831654	G-676270	091662	Z2 617'-0''	C 1	CONT	ABV	S-131642R3	M-54	C004
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER								
*	RC 1PCV-456	SOLENIOD OPERATOR	ASCO	LB-831654	G-676270	091662	Z2 617'-0''	C 1	CONT	ABV	S-131642R3	M-54	C004
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER								
*	RC 1PCV-455C	LIMIT SWITCH	NAMCO	EA-180	G-676270	091662	Z1 617'-0''	C 1	CONT	ABV	S-131642R3	M-517	C005
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER								
*	RC 1PCV-456	LIMIT SWITCH	NAMCO	EA-180	G-676270	091662	Z1 617'-0''	C 1	CONT	ABV	S-131642R3	M-517	C005
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER								
*	RC 1MOV-RC8001A	LIMIT SWITCH	NAMCO	EA180			Z8 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL								
*	RC 1MOV-RC8001B	LIMIT SWITCH	NAMCO	EA180			Z10 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL								
*	RC 1MOV-RC8001C	LIMIT SWITCH	NAMCO	EA180			Z16 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL								
*	RC 1MOV-RC8001D	LIMIT SWITCH	NAMCO	EA180			Z1 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL								
*	RC 1MOV-RC8002A	LIMIT SWITCH	NAMCO	EA180			Z6 592'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
*	RC 1MOV-RC8002B	LIMIT SWITCH	NAMCO	EA180			Z11 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
*	RC 1MOV-RC8002C	LIMIT SWITCH	NAMCO	EA180			Z15 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								
*	RC 1MOV-RC8002D	LIMIT SWITCH	NAMCO	EA180			Z3 594'-0''	C 1	CONT	ABV		M-53	C006
*													
					FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP								

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	1MOV-RC8003A	LIMIT SWITCH	NAMCO	EA180	G-67625B	070125	27 583'-0''	C 1	CONT ABV	P-418658	M-53	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002												
RC	1MOV-RC8003B	LIMIT SWITCH	NAMCO	EA18C	G-67625B	070125	22 583'-0''	C 1	CONT ABV	P-418658	M-53	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002												
RC	1MOV-RC8003C	LIMIT SWITCH	NAMCO	EA180	G-67625B	070125	215 583'-0''	C 1	CONT ABV	P-418658	M-53	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002												
RC	1MOV-RC8003D	LIMIT SWITCH	NAMCO	EA180	G-67625B	070125	210 583'-0''	C 1	CONT ABV	P-418658	M-53	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8002												
RC	1LCV-RC459	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713	29 590'-0''	C 1	CONT ABV		M-54	C008
FUNCTION/SERVICE:ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	1LCV-RC460	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713	29 590'-0''	C 1	CONT ABV		M-517	C008
FUNCTION/SERVICE:ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	1LCV-RC459	LIMIT SWITCH	NAMCO	EA-180	676270	091713	29 590'-0''	C 1	CONT ABV		M-54	C009
FUNCTION/SERVICE:ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	1LCV-RC460	LIMIT SWITCH	NAMCO	EA-180	676270	091713	29 590'-0''	C 1	CONT ABV		M-517	C009
FUNCTION/SERVICE:ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	1LT-459	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	22 568'-0''	C 1	CONT ABV		M-53,M-350	M301
FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC	1LT-460	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	22 568'-0''	C 1	CONT BEL		M-53,M-350	M301
FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC	1LT-461	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	4 568'-0''	C 1	CONT ABV		M-53,M-350	M301
FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1FT-414	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z7 568'-0''	C 1	CONT BEL		M52, M351	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP A								
*	RC 1FT-415	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z7 568'-0''	C 1	CONT ABV		M52, M351	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP A								
*	RC 1FT-416	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z7 568'-0''	C 1	CONT ABV		M52, M351	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP A								
*	RC 1FT-424	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z12 568'-0''	C 1	CONT ABV		M52, M352	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP C								
*	RC 1FT-425	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z12 568'-0''	C 1	CONT ABV		M52, M352	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP C								
*	RC 1FT-426	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z12 568'-0''	C 1	CONT ABV		M52, M352	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP C								
*	RC 1FT-434	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT BEL		M52, M352	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP D								
*	RC 1FT-435	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT BEL		M53, M353	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP D								
*	RC 1FT-436	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z14 568'-0''	C 1	CONT ABV		M53, M353	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP D								
*	RC 1FT-444	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z2 568'-0''	C 1	CONT BEL		M53, M353	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B								
*	RC 1FT-445	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z2 568'-0''	C 1	CONT BEL		M53, M350	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B								
*	RC 1FT-446	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z4 568'-0''	C 1	CONT ABV		M53, M350	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B								

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	1PT-0455	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z2 568'-0''	C 1	CONT. ABV		M-53,M-350	M303
* FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												
RC	1PT-0456	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z2 568'-0''	C 1	CONT. ABV		M-53,M-350	M303
* FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												
RC	1PT-0457	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z4 568'-0''	C 1	CONT. ABV		M-53,M-350	M303
* FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												
RC	1PT-0458	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z2 568'-0''	C 1	CONT. ABV		M-53,M-350	M303
* FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												
RC	1TE-0411A	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z8 568'-0''	C 1	CONT. ABV		M-52	M304
* FUNCTION/SERVICE: LOOP A HOT LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A HOT LEG												
RC	1TE-0411B	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z8 568'-0''	C 1	CONT. ABV		M-52	M304
* FUNCTION/SERVICE: LOOP A COLD LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A COLD LEG												
RC	1TE-0421A	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z10 568'-0''	C 1	CONT. ABV		M-52	M304
* FUNCTION/SERVICE: LOOP C HOT LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C HOT LEG												
RC	1TE-0421B	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z10 568'-0''	C 1	CONT. ABV		M-52	M304
* FUNCTION/SERVICE: LOOP C COLD LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C COLD LEG												
RC	1TE-0441A	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z1 568'-0''	C 1	CONT. ABV		M-53	M304
* FUNCTION/SERVICE: LOOP B HOT LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP B HOT LEG												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	1TE-0441B	RTD	SOSTMN 100 OHM PLATINUM	X-2200	089212	Z1 568'-0''	C 1	CONT ABV		M-53	M304
*			FUNCTION/SERVICE: LOOP B COLD LEG TEMP INDICATION & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP B COLD LEG								
RC	1TE-0431A	RTD	ROSE- 176KF REV H INT	X-2200	089212	Z16 568'-0''	C 1	CONT ABV		M-53	M308
*			FUNCTION/SERVICE: LOOP D HOT LEG TEMP INDICATION & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP D HOT LEG								
RC	1TE-0431B	RTD	ROSE- 176KF REV H MOUNT	X-2200	089212	Z16 568'-0''	C 1	CONT ABV		M-53	M308
*			FUNCTION/SERVICE: LOOP D COLD LEG TEMP INDICATION & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP D COLD LEG								
RC	1PT-403	PRESSURE TRANSMITTER	F&P 50EP1041	244406		Z7 568'-0''	C 1	CONT ABV		M-62	M309
*			FUNCTION/SERVICE: RC PRESSURE INDICATION & ALARM/WIDE RANGE LOOP A HOT								
RC	1PT-405	PRESSURE TRANSMITTER	F&P 50EP1041	244406		Z12 568'-0''	C 1	CONT ABV		M-62	M309
*			FUNCTION/SERVICE: RC PRESSURE INDICATION & ALARM/WIDE RANGE LOOP A HOT								
RC	1EPO06	ELECT PENET. E-6	D.G.O. TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT ABV R19D2227G		22E-1-3206	RO01
*			FUNCTION/SERVICE: INST. CABLE PENET., RC SYS PROCESS RTD HOT & COLD LEG LOOP B, PRZR SPRAY LINE LOOP B TEMP & RC SYS PRZR. PRESS.								
RC	1EPO15	ELECT PENET. E-15	D.G.O. TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT ABV R19D2227G		22E-1-3206	RO02
*			FUNCTION/SERVICE: INST. CABLE PENET., RC SYS PROCESS RTD HOT & COLD LEG LOOP C, LOOP A-D FLOW, PRZR SURGE LINE VAPOR AND LIQUID TEMP.								
RC	1EPO21	ELECT PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/28 630	C 1	CONT ABV R19D2226G		22E-1-3206	RO04
*			FUNCTION/SERVICE: CONTROL CABLE PENET., PRESS. HEATER BACKUP GROUP A, AND RC PRZR PRESS								
RC	1EPO45	ELECT PENET. E-45	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT ABV R19D2227G		22E-1-3206	RO07
*			FUNCTION/SERVICE: INST. CABLE PENET., RC SYS PROCESS RTD HOT & COLD LEG LOOP D, LOOP A-D FLOW, RC SYS PRZR. PRESS, PRZR. SPRAY LINE LOOP D TEMP.								
RC	1EPO46	ELECT PENET. E-46	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT ABV R19D2227G		22E-1-3206	RO08
*			FUNCTION/SERVICE: INST. CABLE PENET., RC SYS PROCESS RTD HOT & COLD LEG LOOPS A-D, RC SYS LOOPS A-D FLOW AND PRZR. PRESS AND LEVEL								

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 1EPO49		ELECT PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R009	
* FUNCTION/SERVICE: CONTROL CABLE PENET., PRESS HTR BACKUP GROUP C, RC SYS S A-D STOP VLVS LEAK OFF FLOW													
RC 1EPO51		ELECT PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R010	
* FUNCTION/SERVICE: CONTROL CABLE PENET., POWER RELIEF ISOL. VLVS 1MOV-RC8000A&B, PRESS RELIEF TANK DRAIN STOP VLV 1A0V-RC8031, PRESS HEATER CONTROL GROUP B, RC SYS LOOPS A-D STOP VLVS LEAK OFF FLOW													
RC 1EPO52		ELECT PENET. E-52	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R011	
* FUNCTION/SERVICE: CONTROL CABLE PENET., RTD MANIFOLD BYPASS LOOP B&D, FLOW LOOPS A,B,C,D, DRAIN LINE STOP VLVS 1A0V-RC8034D, RC8035A,B,C,D													
RC 1EPO27		ELECT PENET. E-27	D.G.O.	TYPE 2.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2223P	22E-1-3206	R037	
* FUNCTION/SERVICE: POWER CABLE PENET., PRESS. HEATER CONTROL GROUP B													
RC 1EPO40		ELECT PENET. E-40	D.G.O.	TYPE 2.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2223P	22E-1-3206	R039	
* FUNCTION/SERVICE: POWER CABLE PENET., PRESS. HEATER CONTROL GROUP C													
RC 1EPO47		ELECT PENET. E-47	D.G.O.	TYPE 2.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2223P	22E-1-3206	R041	
* FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER BACKUP GROUP A													
RC 1EPO50		ELECT PENET. E-50	D.G.O.	TYPE 2.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2223P	22E-1-3206	R043	
* FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER BACKUP GROUP C													
RC 1EPO53		ELECT PENET. E-53	D.G.O.	TYPE 2.3	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2225P	22E-1-3206	R045	
* FUNCTION/SERVICE: POWER CABLE PENET., PRESS RELIEF VLVS 1MOV-RC8000A & B													
RC 1EPO57		ELECT PENET. E-57	D.G.O.	TYPE 2.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2223P	22E-1-3206	R049	
* FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER BACKUP GROUP A													
RC 1LP37		PRES HTR CONT GROUP B DIST PANEL	WEST		X-2257	103870	P/24 617	C 1	CONT	ABV	22E-1-3241	T021	
* FUNCTION/SERVICE:													
RC 1LP38		PRES HTR BACK UP GROUP A DIST PANEL	WEST		X-2257	103870	P/24 617	C 1	CONT	ABV	22E-1-3241	T023	
* FUNCTION/SERVICE:													

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1LP39	PRES HTR BACK UP GROUP C	WEST		X-2257	103870	P/24 617	C 1	CONT	ABV		22E-1-3241	T025
*		DIST PANEL FUNCTION/SERVICE:											
*	RC 1LP40	PRES HTR TERM CAB GROUP A&B	WEST		X-2257	103870	P/24 617	C 1	CONT	ABV		22E-1-3241	T027
*		FUNCTION/SERVICE:											
*	RC 1R0084	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z14 590	C 1	CONT	ABV		22E-1-3236	X001
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001C, 2C, 3C											
*	RC 1R0007	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z15 568	C 1	CONT	BEL		22E-1-3233	X158
*		FUNCTION/SERVICE: LOOP FILL HEADER VLV 1A0V-RC8034C, EXCESS LETDOWN FROM LOOP D VLV 1MOV-RC8035C											
*	RC 1R0079	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z7 590	C 1	CONT	ABV		22E-1-3236	X163
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001A, 2A, 3A											
*	RC 1R0080	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z7 590	C 1	CONT	ABV		22E-1-3236	X164
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001A, 2A, 3A											
*	RC 1R0081	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z11 590	C 1	CONT	ABV		22E-1-3236	X165
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001B, 2B, 3B											
*	RC 1R0082	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z11 590	C 1	CONT	ABV		22E-1-3236	X166
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001B, 2B, 3B											
*	RC 1R0083	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z16 590	C 1	CONT	ABV		22E-1-3236	X167
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001C, 2C, 3C											
*	RC 1R0085	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z2 590	C 1	CONT	ABV		22E-1-3236	X168
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001D, 2D, 3D											
*	RC 1R0086	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z1 590	C 1	CONT	ABV		22E-1-3236	X169
*		FUNCTION/SERVICE: CONTROL, RC SYS VLVS 1MOV-RC8001D, 2D, 3D											
*	RC 1R0104	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z11 568	C 1	CONT	BEL		22E-1-3232	X170
*		FUNCTION/SERVICE: LOOP C FILL HEADER VLV 1A0V-RC8034B, EXCESS LETDOWN FROM LOOP C VLV 1A0V-RC8035B											

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLC BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 1RBO106	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	29 590	C 1	CONT	ABV		22E-1-3237	X171
													FUNCTION/SERVICE: LETDOWN LINE ISOLATION VLV 1LCV-RC459
*	RC 1RBO107	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	29 590	C 1	CONT	ABV		22E-1-3237	X172
													FUNCTION/SERVICE: LETDOWN LINE ISOLATION VLV 1LCV-RC460
*	RC 1RBO111	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	27 568	C 1	CONT	BEL		22E-1-3231	X173
													FUNCTION/SERVICE: LOOP A FILL HEADER VLV 1A0V-RC8034A, EXCESS LETDOWN FROM LOOP A VLV 1A0V-RC8035A
*	RC 1RBO112	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	27 568	C 1	CONT	BEL		22E-1-3234	X174
													FUNCTION/SERVICE: LOOP B FILL HEADER VLV 1A0V-RC8043D, EXCESS LETDOWN FROM LOOP B VLV 1A0V-RC8035D
*	RC 1RBO119	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	22 617	C 1	CONT	ABV		22E-1-3244	X175
													FUNCTION/SERVICE: PRZR RELIEF VLV 1A0V-PCV456
*	RC 1RBO128	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	21 568	C 1	CONT	BEL		22E-1-3234	X176
													FUNCTION/SERVICE: PRESSURE RELIEF TANK VLV 1A0V-RC8031
*	RC 1RBO129	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	22 568	C 1	CONT	BEL		22E-1-3234	X177
													FUNCTION/SERVICE: PRZR RELIEF TANK VLVS 1PCV-RC469, 1A0V-RC8030
*	RC 1RBO202	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	27 568	C 1	CONT	BEL		22E-1-3231	X188
													FUNCTION/SERVICE: RC SYS PROCESS RTD HOT AND COLD LOOP A
*	RC 1RBO207	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	210 568	C 1	CONT	BEL		22E-1-3233	X189
													FUNCTION/SERVICE: RC SYS PROCESS RTD HOT AND COLD LOOP C
*	RC 1RBO208	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	216 568	C 1	CONT	BEL		22E-1-3233	X190
													FUNCTION/SERVICE: RC SYS PROCESS RTD HOT AND COLD LOOP D
*	RC 1RBO214	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	21 568	C 1	CONT	BEL		22E-1-3234	X191
													FUNCTION/SERVICE: RC SYS PROCESS RTD HOT AND COLD LOOP B
*	RC 1RBO341	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	27 568	C 1	CONT	BEL		22E-1-3231	X192
													FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP A (1TE-413A)

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLO	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	1RBO342	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	27 568	C 1	CONT	BEL		22E-1-3231	X193
* FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP A (1TE-413B)													
RC	1RBO343	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	29 568	C 1	CONT	BEL		22E-1-3232	X194
* FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP C (1TE-423A)													
RC	1RBO344	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	211 568	C 1	CONT	BEL		22E-1-3232	X195
* FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP C (1TE-423B)													
RC	1RBO345	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	216 568	C 1	CONT	BEL		22E-1-3233	X196
* FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP D (1TE-433A)													
RC	1RBO346	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	215 568	C 1	CONT	BEL		22E-1-3233	X197
* FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP D (1TE-433B)													
RC	1RBO347	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	21 568	C 1	CONT	BEL		22E-1-3234	X198
* FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP B (1TE-443A)													
RC	1RBO348	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	22 568	C 1	CONT	BEL		22E-1-3234	X199
* FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP B (1TE-443B)													
RC	1RBO422	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	G/34 568	C 1	CONT	BEL		22E-1-3231	X205
* FUNCTION/SERVICE: PRZR INST 1PCV-RC006, 1PC-455F													
RC	1RBO423	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	25 568	C 1	CONT	BEL		22E-1-3234	X206
* FUNCTION/SERVICE: FUTURE, NOT USED													
RC	1RBO424	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	24 568	C 1	CONT	BEL		22E-1-3234	X207
* FUNCTION/SERVICE: PRESSURE RELIEF VALVE 1PCV-455C													
RC	1RBO420	JUNCTION BOX	FISH-H	EB-214	X-2325	119387	22 617	C 1	CONT	ABV		22E-1-3244	X576
* FUNCTION/SERVICE: PRZR RELIEF VLV 1PCV-RCV455C													
RH	1MOV-RH8702	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103273	27 579'-0''	C 1	CONT	ABV E-1-144831		M-62	A255
* FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP													

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RH	1MOV-RH8701	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103273	Z5 583'-0''	C 1 CONT	ABV E-1-144831		M-62	A255
FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP												
RH	1MOV-RH8703	VALVE MOTOR OPERATOR	LMTQ	SMB-2	G-676258	103273	Z5 583'-0''	C 1 CONT	ARV E-1-144831		M-62	A256
FUNCTION/SERVICE: ACTUATES VALVE/FROM RHR PUMP TO LOOP HOT LEG												
RH	1EPO21	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C 1 CONT	ABV R19D2226G		22E-1-3206	R004
FUNCTION/SERVICE: CONTROL CABLE PENET FOR RHR SYS VLVS 1MOV-RH8702, 1MOV-RH8703, 1A0V-RH9009C												
RH	1EPO22	ELECT. PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/28 630	C 1 CONT	ABV R19D2224P		22E-1-3206	R005
FUNCTION/SERVICE: POWER CABLE PENET FOR RHR SYS VLVS 1MOV-RH8702, 1MOV-RH8703												
RH	1EPO51	ELECT. PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C 1 CONT	ABV R19D2226G		22E-1-3206	R010
FUNCTION/SERVICE: CONTROL CABLE PENET FOR RHR VLV 1MOV-RH8701												
RH	1EPO54	ELECT. PENET. E-54	D.G.O.	TYPE 2.2	X-2308	113967	M/28 617	C 1 CONT	ABV R19D2224P		22E-1-3206	R047
FUNCTION/SERVICE: POWER CABLE PENET FOR RHR VLV 1MOV-RH8701												
RH	1RB0313	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 568	C 1 CONT	BEL		22E-1-3231	X090
FUNCTION/SERVICE: LOOP A CHECK VALVE TEST LINE 1A0V-9008A												
RH	1RB0314	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 568	C 1 CONT	BEL		22E-1-3231	X091
FUNCTION/SERVICE: LOOP D CHECK VLV TEST LINE 1A0V-9008B												
RH	1RB0360	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z4 568	C 1 CONT	BEL		22E-1-3234	X092
FUNCTION/SERVICE: RHR TO HOT LEG CHECK VLV TEST LINE 1A0V- RH9009C												
RV	1A0V-RV0003	LIMIT SWITCH	NAMCO	EA180	X-2302	109905	Z7 617'-0''	C 1 CONT	ABV		M-536	D101
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												
RV	1A0V-RV0001	LIMIT SWITCH	NAMCO	EA180	X-2302	109905	Z7 617'-0''	C 1 CONT	ABV		M-536	D101
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												
RV	1A0V-RV0001	SOLENOID OPERATOR	ASCO	THT-8316 C34	X-2302	109905	Z7 617'-0''	C 1 CGN	ABV		M-536	D104
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV	1ADV-RV0003	SOLENOID OPERATOR	ASCO	THT-8316 C34	X-2302	109905	Z7 617'-0''	C 1	CONT ABV		M-536	D104
												FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE
RV	1RV001	RCFC FAN/MOTOR	WEST	FRAME-558.5 CSP	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV	5298D31	M-76,M-302	FO01
												FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL
RV	1RV002	RCFC FAN/MOTOR	WEST	FRAME-558.5 CSP	X-2234	105577	Z12 590'-0''	C 1	CONT. ABV	5298D31	M-76,M-302	FO01
												FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL
RV	1RV003	RCFC FAN/MOTOR	WEST	FRAME-558.5 CSP	X-2234	105577	Z15 590'-0''	C 1	CONT. ABV	5298D31	M-76,M-302	FO01
												FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL
RV	1RV004	RCFC FAN/MOTOR	WEST	FRAME-558.5 CSP	X-2234	105577	Z1 590'-0''	C 1	CONT. ABV	5298D31	M-76,M-302	FO01
												FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL
RV	1RV005	RCFC FAN/MOTOR	WEST	FRAME-558.5 CSP	X-2234	105577	Z4 590'-0''	C 1	CONT. ABV	5298D31	M-76,M-302	FO01
												FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL
RV	1SV-RV100	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z1 590'-0''	C 1	CONT. ABV			1401
												FUNCTION/SERVICE:RCFC 1D ACCIDENT FLOW INLET DAMPER CONTROL
RV	1SV-RV101	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z1 590'-0''	C 1	CONT. ABV			1401
												FUNCTION/SERVICE:RCFC 1D NORMAL FLOW INLET DAMPER CONTROL
RV	1SV-RV102	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z13 590'-0''	C 1	CONT. ABV			1401
												FUNCTION/SERVICE:RCFC 1D ACCIDENT FLOW OUTLET DAMPER CONTROL
RV	1SV-RV103	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV			1401
												FUNCTION/SERVICE:RCFC 1E ACCIDENT FLOW INLET DAMPER CONTROL
RV	1SV-RV104	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV			1401
												FUNCTION/SERVICE:RCFC 1E NORMAL FLOW INLET DAMPER CONTROL
RV	1SV-RV105	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV			1401
												FUNCTION/SERVICE:RCFC 1E ACCIDENT FLOW OUTLET DAMPER CONTROL

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RV 1SV-RV91	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1A ACCIDENT FLOW INLET DAMPER CONTROL									
*	RV 1SV-RV92	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1A NORMAL FLOW INLET DAMPER CONTROL									
*	RV 1SV-RV93	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z11 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1A ACCIDENT FLOW OUTLET DAMPER CONTROL									
*	RV 1SV-RV94	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z13 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1B ACCIDENT FLOW INLET DAMPER CONTROL									
*	RV 1SV-RV95	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z13 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1B NORMAL FLOW INLET DAMPER CONTROL									
*	RV 1SV-RV96	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z13 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1B ACCIDENT FLOW OUTLET DAMPER CONTROL									
*	RV 1SV-RV97	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z16 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1C ACCIDENT FLOW INLET DAMPER CONTROL									
*	RV 1SV-RV98	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z16 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1C NORMAL FLOW INLET DAMPER CONTROL									
*	RV 1SV-RV99	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z16 590'-0''	C 1	CONT. ABV			I401
*			FUNCTION/SERVICE:RCFC 1C ACCIDENT FLOW OUTLET DAMPER CONTROL									
*	RV 1ME-RV42	HUMIDITY SENSOR	TAYLOR	10H5	X-2286	123163	Z2 625'-0''	C 1	CONT. ABV		M-536	M901
*			FUNCTION/SERVICE:CONTAINMENT REGION A RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION A									
*	RV 1ME-RV43	HUMIDITY SENSOR	TAYLOR	10H5	X-2286	123163	Z14 625'-0''	C 1	CONT. ABV		M-536	M901
*			FUNCTION/SERVICE:CONTAINMENT REGION B RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION B									
*	RV 1ME-RV44	HUMIDITY SENSOR	TAYLOR	10H5	X-2286	123163	Z10 625'-0''	C 1	CONT. ABV		M-536	M901
*			FUNCTION/SERVICE:CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION C									

COMPONENT/EQUIPMENT ID SHEET

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*	RV 1TE-RV42	RTD	ELEC. THERMO	3-WIRE	X-2242		Z2 617'-0''	C 1	CONT ABV		M-536	M904
*			FUNCTION/SERVICE: CONTAINMENT REGION A TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION A									
*	RV 1TE-RV43	RTD	ELEC. THERMO	3-WIRE	X-2242		Z14 617'-0''	C 1	CONT ABV		M-536	M904
*			FUNCTION/SERVICE: CONTAINMENT REGION B TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION B									
*	RV 1TE-RV44	RTD	ELEC. THERMO	3-WIRE	X-2242		Z10 617'-0''	C 1	CONT ABV		M-536	M904
*			FUNCTION/SERVICE: CONTAINMENT REGION C TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION C									
*	RV 1EPO15	ELECT. PENET. E-15	D.G.O. TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2227G		22E-1-3206	RO02
*			FUNCTION/SERVICE: INSTR CABLE PENET FOR RX CONTMT FAN COOLER MOTOR RTD'S									
*	RV 1EPO21	ELECT. PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2226G		22E-1-3206	RO04
*			FUNCTION/SERVICE: CONTROL CABLE PENET FOR RX CONTMT FAN COOLER CONTROL									
*	RV 1EPO22	ELECT. PENET. E-22	D.G.O. TYPE 2.2	X-2308	113967	M/28 630	C 1	CONT ABV	R19D2224P		22E-1-3206	RO05
*			FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 1D									
*	RV 1EPO34	ELECT. PENET. E-34	D.G.O. TYPE 2.2	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2224P		22E-1-3206	RO06
*			FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 1B									
*	RV 1EPO45	ELECT. PENET. E-45	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2227G		22E-1-3206	RO07
*			FUNCTION/SERVICE: INSTR CA PENET FOR RX CONTMT FAN COOLER MOTOR RTD'S 1TE-RV020, 1TE-RV023, & PURGE RELIEF INSTR 1ME-RV42, 1ME-RV43, 1ME-RV44, 1TE-RV42, 1TE-RV43, 1TE-RV44 FAN COOLER MOTOR RTD'S									
*	RV 1EPO46	ELECT. PENET. E-46	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2227G		22E-1-3206	RO08
*			FUNCTION/SERVICE: INSTR CA PENET FOR RX CONTMT FAN COOLER MOTOR RTD'S 1TE-RV021									
*	RV 1EPO49	ELECT. PENET. E-49	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2226G		22E-1-3206	RO09
*			FUNCTION/SERVICE: CONTROL CABLE PENET FOR RX CONTMT FAN COOL FAN CONTROL									
*	RV 1EPO51	ELECT. PENET. E-51	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT ABV	R19D2226G		22E-1-3206	RO10
*			FUNCTION/SERVICE: CONTROL CABLE PENET FOR RX CONTMT FAN COOLER DAMPER CONT									



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR	PROCDRE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RV 1EP059	ELECT. PENET. E-59	D.G.O. TYPE 2.2	X-2308	113967	M/28 617	C 1 CONT	ABV	R19D2224P	22E-1-3206	RC12
			FUNCTION/SERVICE:	POWER CABLE PENET FOR CONTMT COOL FAN 1C							
*	RV 1EP004	ELECT. PENET. E-4	D.G.O. TYPE 2.2	X-2308	113967	M/28 630	C 1 CONT	ABV	R19D2224P	22E-1-3206	RO25
			FUNCTION/SERVICE:	POWER CABLE PENET FOR CONTMT COOL FAN 1A							
*	RV 1EP054	ELECT. PENET. E-54	D.G.O. TYPE 2.2	X-2308	113967	M/28 617	C 1 CONT	ABV	R19D2224P	22E-1-3206	RO47
			FUNCTION/SERVICE:	POWER CABLE PENET FOR CONTMT COOL FAN 1E							
*	RV 1RBO021	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z10 590	C 1 CONT	ABV		22E-1-3237	X079
			FUNCTION/SERVICE:	CONTAINMENT FAN COOLER DAMPER 1RVO01 SOL. CONTROL 1SV-RV91, 2, 3							
*	RV 1RBO022	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z14 590	C 1 CONT	ABV		22E-1-3238	X080
			FUNCTION/SERVICE:	CONTAINMENT FAN COOLER DAMPER 1RVO02 SOL. CONTROL 1SV-RV94, 5, 6							
*	RV 1RBO023	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16 590	C 1 CONT	ABV		22E-1-3238	X081
			FUNCTION/SERVICE:	CONTAINMENT FAN COOLER DAMPER 1RVO03 SOL. CONTROL 1SV-RV97, 8, 9							
*	RV 1RBO024	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z2 590	C 1 CONT	ABV		22E-1-3239	X082
			FUNCTION/SERVICE:	CONTAINMENT FAN COOLER DAMPER-1RVO04 SOL. CONTROL 1SV-RV100, 1, 2							
*	RV 1RBO025	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z2 590	C 1 CONT	ABV		22E-1-3239	X083
			FUNCTION/SERVICE:	CONTAINMENT FAN COOLER DAMPER-1RVO05 SOL. CONTROL 1SV-RV103, 4, 5							
*	RV 1RBO160	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z7 617	C 1 CONT	ABV		22E-1-3241	X084
			FUNCTION/SERVICE:	CONTAINMENT PURGE ISOLATION VALVES 1A0V-RV001, 3, 1SV-PP35A, 36A							
*	SI 1MDV-S18800A	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	091710	Z5 578'-0''	C 1 CONT	ABV	136-117-1	M-64	A008
			FUNCTION/SERVICE:	ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK							
*	SI 1MDV-S18800B	VALVE MCTOR OPERATOR	LMTQ SMB-00	G-676258	091710	Z9 578'-0''	C 1 CONT	ABV	136-117-1	M-64	A008
			FUNCTION/SERVICE:	ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK							
*	SI 1MDV-S18800C	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	091710	Z1 578'-0''	C 1 CONT	ABV	136-117-1	M-64	A008
			FUNCTION/SERVICE:	ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK							

COMPONENT/EQUIPMENT ID SHEET

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*	SI 1MOV-S18800D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z4 578'-0''	C 1	CONT	ABV 136-117-1	M-64	A008
												FUNCTION/SERVICE:ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK
*	SI 1MOV-S18808A	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z6 571'-0''	C 1	CONT	ABV 88-919	M-65	A010
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808B	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z3 571'-0''	C 1	CONT	ABV 88-919	M-65	A010
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808C	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z14 571'-0''	C 1	CONT	ABV 88-919	M-65	A010
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808D	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z3 571'-0''	C 1	CONT	ABV 88-919	M-65	A010
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z6 571'-0''	C 1	CONT	ABV 88-919	M-65	A013
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z3 571'-0''	C 1	CONT	ABV 88-919	M-65	A013
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808C	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z14 571'-0''	C 1	CONT	ABV 88-919	M-65	A013
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1MOV-S18808D	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z3 571'-0''	C 1	CONT	ABV 88-919	M-65	A013
												FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
*	SI 1FT-0924	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z4 568'-0''	C 1	CONT	ABV	M-64,M-351	M102
												FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE
*	SI 1FT-0925	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z9 568'-0''	C 1	CONT	ABV	M-64,M-351	M102
												FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE
*	SI 1FT-0926	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z1 568'-0''	C 1	CONT	BEL	M-64,M-350	M102
												FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE

COMPONENT/EQUIPMENT ID SHEET

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SI	1FT-0927	FLC TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z4 568'-0''	C 1	CONT.	ABV		M-64,M-350	M102
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE													
SI	1PT-960	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z7 568'-0''	C 1	CONT.	BEL		M-65,M-351	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A													
SI	1PT-961	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z7 568'-0''	C 1	CONT.	ABV		M-65,M-351	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A													
SI	1PT-962	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z12 568'-0''	C 1	CONT.	ABV		M-65,M-352	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C													
SI	1PT-963	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z12 568'-0''	C 1	CONT.	ABV		M-65,M-352	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C													
SI	1PT-964	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z14 568'-0''	C 1	CONT.	ABV		M-65,M-353	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D													
SI	1PT-965	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z14 568'-0''	C 1	CONT.	BEL		M-65,M-353	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D													
SI	1PT-966	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z4 568'-0''	C 1	CONT.	BEL		M-65,M-350	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK B													
SI	1PT-967	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z3 568'-0''	C 1	CONT.	BEL		M-65,M-350	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK B													
SI	1LT-940A	LEVEL SWITCH	MAGNE- TROL	A-153-FEP	X-2200	118633	Z5 568'-0''	C 1	CONT.	BEL		M-65,M-351	M106
FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL													
SI	1LT-940B	LEVEL SWITCH	MAGNE- TROL	A-153-FEP	X-2200	118633	Z5 568'-0''	C 1	CONT.	BEL		M-65,M-351	M106
FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL													
SI	1LT-941A	LEVEL SWITCH	MAGNE- TROL	A-153-FEP	X-2200	118633	Z5 568'-0''	C 1	CONT.	BEL		M-65,M-351	M106
FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL													

COMPONENT/EQUIPMENT ID SHEET

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SI	1LT-941B	LEVEL SWITCH	MAGNETROL	A-153-FEP	X-2200	118633	Z5 568'-0''	C 1	CONT	BEL	M-65,M-351	M106
			FUNCTION/SERVICE: CONTAINMENT RECIRC SUMP LEVEL INDICATION/CONTAIN. RECIRC SUMP LEVEL									
SI	1EP006	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2227G	22E-1-3206	R001
			FUNCTION/SERVICE: INSTR CABLE PENET FOR SI SYS ACCUM TKS 1B & 1D PRESS TRANSM 1PT965,7									
SI	1EP015	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2227G	22E-1-3206	R002
			FUNCTION/SERVICE: INSTR CABLE PENET FOR SI SYS ACCUM TKS 1A & 1C PRESS TRANSM 1PT961,3									
SI	1EP017	ELECT. PENET. E-17	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2226G	22E-1-3206	R003
			FUNCTION/SERVICE: CONT CABLE PENET FOR SI SYS VALVES 1A0V-SI8875A,D; -SI8876A,D; -SI8877A,D; -SI8881.2,4A,5A									
SI	1EP021	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2226G	22E-1-3206	R004
			FUNCTION/SERVICE: CONTROL CABLE PENET FOR SI SYS VALVES 1A0V-SI8875B,6B,7B,8B,9B; -SI8884B,5B; -SI9008C,D; -SI9009A, -SI8884C									
SI	1EP022	ELECT. PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2224P	22E-1-3206	R005
			FUNCTION/SERVICE: POWER CABLE PENET FOR SI SYS VLV 1MOV-SI8808B									
SI	1EP034	ELECT. PENET. E-34	D.G.O.	TYPE 2.2	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2224P	22E-1-3206	R006
			FUNCTION/SERVICE: POWER CABLE PENET FOR SI SYS VLVS 1MOV-SI8800B, -SI8808C									
SI	1EP045	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2227G	22E-1-3206	R007
			FUNCTION/SERVICE: INSTR CABLE PENET FOR SI SYS ACCUM TANK 1D									
SI	1EP046	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2227G	22E-1-3206	R008
			FUNCTION/SERVICE: INSTR CABLE PENET FOR SI SYS ACCUM TANK 1C									
SI	1EP049	ELECT. PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R009
			FUNCTION/SERVICE: CONTROL CABLE PENET FOR SI SYS VALVES 1A0V-SI8800A,C,D, -SI8808A,D 1A0V-SI8884D, -SI9009B									
SI	1EP051	ELECT. PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R010
			FUNCTION/SERVICE: CONTROL CABLE PENET FOR SI SYS VALVES 1MOV-SI8800B,BC; 1A0V-SI9008A,B									

COMPONENT/EQUIPMENT ID SHEET

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SI	1EPO52	ELECT. PENET. E-52	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	RO11
		FUNCTION/SERVICE: CONTROL CABLE PENET FOR SI SYS VALVES 1A0V-SI8875C-9C									
SI	1EPO59	ELECT. PENET. E-59	D.G.O. TYPE 2.2	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2224P	22E-1-3206	RO12
		FUNCTION/SERVICE: PWR CA PENET FOR SI SYS VLVS 1MOV-SI8800A,C,D;-SI8808A,D									
SI	1RBO115	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z15 568	C 1	CONT	BEL	22E-1-3231	X117
		FUNCTION/SERVICE: LOOP A COLD LEG TEST 1A0V-SI8884D, ACCUM. FILL FROM VLV 1A0V-SI8881, 1A0V-SI8882									
SI	1RBO124	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z3 568	C 1	CONT	BEL	22E-1-3234	X119
		FUNCTION/SERVICE: ACCUM. TANK 1B VALVES 1A0V-SI8875D, 76D, 77D, 78D, 79D									
SI	1RBO130	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z14 568	C 1	CONT	BEL	22E-1-3233	X121
		FUNCTION/SERVICE: ACCUM. TANK 1D VALVES 1A0V-SI8875C, 76C, 77C, 78C, 79C									
SI	1RBO131	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z13 568	C 1	CONT	BEL	22E-1-3233	X123
		FUNCTION/SERVICE: ACCUM. TANK 1C VALVES 1A0V-SI8875B, 76B, 77B, 78B, 79B									
SI	1RBO132	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z6 568	C 1	CONT	BEL	22E-1-3231	X125
		FUNCTION/SERVICE: ACCUM. TANK 1A VALVES 1A0V-SI8875A, 76A, 77A, 78A, 79A									
SI	1RBO133	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z5 568	C 1	CONT	BEL	22E-1-3231	X127
		FUNCTION/SERVICE: LOOP A-D COLD LEG TEST 1A0V-SI9009A, 1A0V-SI8884C									
SI	1RBO229	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z4 590	C 1	CONT	ABV	22E-1-3236	X130
		FUNCTION/SERVICE: RESID. HEAT REMOVAL PUMP 1B TEST LINE ISOLATION VALVE 1A0V-SI8885B									
SI	1RBO235	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z5 568	C 1	CONT	BEL	22E-1-3236	X132
		FUNCTION/SERVICE: RESID. HEAT REMOVAL PUMP 1A TEST LINE ISOLATION VALVE 1A0V-S8885A									
SI	1RBO307	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z9 568	C 1	CONT	BEL	22E-1-3232	X134
		FUNCTION/SERVICE: LOOP C HOT LEG TEST 1A0V-SI9008D									
SI	1RBO308	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z4 568	C 1	CONT	BEL	22E-1-3234	X136
		FUNCTION/SERVICE: LOOP B HOT LEG TEST 1A0V-SI9008C									

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1RB0309	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	25 590	C 1	CONT	ABV		22E-1-3236	X138
* FUNCTION/SERVICE: ACCUM. FILL FROM SI PUMP TEST 1A0V-SI9009B													
SI	1RB0339	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	24 568	C 1	CONT	BEL		22E-1-3234	X140
* FUNCTION/SERVICE: RESID. HEAT REMOVAL PUMP 1A TEST LINE ISOL. VALVE 1A0V-SI8884A													
SI	1RB0340	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	27 568	C 1	CONT	BEL		22E-1-3231	X142
* FUNCTION/SERVICE: RESID. HEAT REMOVAL PUMP 1B TEST LINE ISOL. VALVE 1A0V-SI8884B													
SI	1RB0412	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	28 590	C 1	CONT	ABV		22E-1-3236	X144
* FUNCTION/SERVICE: ACCUM. TANK 1A, 1C, LEVEL INSTRUMENT 1LT-951, 1LT-953													
SI	1RB0414	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	214 590	C 1	CONT	ABV		22E-1-3238	X145
* FUNCTION/SERVICE: ACCUM. TANK 1B, 1D, LEVEL INSTRUMENT 1LT-954, 1LT-956													
SI	1RB0415	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	215 590	C 1	CONT	ABV		22E-1-3238	X146
* FUNCTION/SERVICE: ACCUM. TANK 1C LEVEL INSTRUMENT 1LT-952													
VC	1A0V-VC8149B	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713	25 590'-0''	C 1	CONT	ABV	S-130032R8	M-54	B507
* FUNCTION/SERVICE: ACTUATES VALVE/FROM RHX TO LETDOWN HEAT EXCH.													
VC	1A0V-VC8149B	LIMIT SWITCH	NAMCO	EA-180	676270	091713	25 590'-0''	C 1	CONT	ABV	S-130032R8	M-54	B508
* FUNCTION/SERVICE: ACTUATES VALVE/FROM RHX TO LETDOWN HEAT EXCH.													
VC	1EPO06	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV	R19D2227G	22E-1-3206	RO01
* FUNCTION/SERVICE: INST CABLE PENET FOR RCP 1B SEAL LEAK OFF CONT FLOW & MTR RTD'S													
VC	1EPO15	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV	R19D2227G	22E-1-3206	RO02
* FUNCTION/SERVICE: INST CABLE PENET FOR RCP 1C SEAL LEAK OFF CONT FLOW & MTR RTD'S													
VC	1EPO17	ELECT. PENET. E-17	D.G.O.	TYPE 3.1	X-2308	113967	M/23 630	C 1	CONT	ABV	R19D2226G	22E-1-3206	RO03
* FUNCTION/SERVICE: CONT CABLE PENET FOR RCP 1B SEAL LEAK OFF FLOW CONT													
* FUNCTION/SERVICE: CONT CABLE PENET FOR VLVS 1A0V-VC8141, -VC8168													

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	1EPO21	ELECT.PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2226G	22E-1-3206	R004
			FUNCTION/SERVICE:	CONTROL CABLE PENET FOR VC SYS VLVS 1A0V-VC8149C, -VC8146							
			FUNCTION/SERVICE:	CONTROL CABLE PENET FOR RCP 1C SEAL LEAKOFF FLOW CONTROL							
VC	1EPO45	ELECT.PENET. E-45	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2227G	22E-1-3206	R007
			FUNCTION/SERVICE:	INST CABLE PENET FOR RCP 1D SEAL LEAK OFF FLOW CONT & MTR RTD'S							
VC	1EPO46	ELECT.PENET. E-46	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2227G	22E-1-3206	R008
			FUNCTION/SERVICE:	INST CABLE PENET FOR RCP 1A SEAL LEAK OFF FLOW CONT & MTR RTD'S							
VC	1EPO49	ELECT.PENET. E-49	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R009
			FUNCTION/SERVICE:	CONTROL CABLE PENET FOR VC SYS VLVS 1A0V-VC8142, -VC8147, VC8149A							
			FUNCTION/SERVICE:	CONTROL CABLE PENET FOR RCP 1A SEAL LEAK-OFF FLOW CONTROL							
VC	1EPO51	ELECT.PENET. E-51	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R010
			FUNCTION/SERVICE:	CONTROL CABLE PENET FOR RCP 1D SEAL LEAK OFF FLOW CONT & VLV 1A0V-VC8149B							
VC	1EPO52	ELECT.PENET. E-52	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C 1	CONT	ABV R19D2226G	22E-1-3206	R011
			FUNCTION/SERVICE:	CONTROL CABLE PENET FOR VC SYS VLVS 1A0V-VC8168B-D, -VC8141B-D							
VC	1EPO16	ELECT.PENET. E-16	D.G.O. TYPE 4.1	X-2308	113967	M/28 630	C 1	CONT	ABV R19D2227G	22E-1-3206	R035
			FUNCTION/SERVICE:	INST CABLE PENET FOR VC SYS VLV 1A0V-VC8146							
VC	1RBO084	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z14 590	C 1	CONT	ABV	22E-1-3238	X001
			FUNCTION/SERVICE:	RCP C STANDPIPE MAKEUP VLV 1A0V-VC8168C							
VC	1RBO094	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z3 590	C 1	CONT	ABV	22E-1-3239	X002
			FUNCTION/SERVICE:	RCP C SEAL LEAKOFF STOP VALVE 1A0V-VC8141D							
VC	1RBO098	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z4 590	C 1	CONT	ABV	22E-1-3239	X003
			FUNCTION/SERVICE:	RCP D STANDPIPE MAKEUP VLV 1A0V-8168D							
VC	1RBO099	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z6 590	C 1	CONT	ABV	22E-1-3236	X004
			FUNCTION/SERVICE:	RCP A SEAL LEAKOFF ISOL VLV 1A0V-VC8141A							

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	1RBO100	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 590	C 1	CONT	ABV		22E-1-3236	X005
				FUNCTION/SERVICE:		RCP A STANDPIPE MAKEUP	VLV 1A0V-8168A						
VC	1RBO102	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z11 590	C 1	CONT	ABV		22E-1-3237	X006
				FUNCTION/SERVICE:		RCP B STANDPIPE MAKEUP	VLV 1A0V-VC8168B						
VC	1RBO103	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z14 590	C 1	CONT	ABV		22E-1-3238	X007
				FUNCTION/SERVICE:		RCP C SEAL LEAKOFF ISOL	VLV 1A0V-B141B						
VC	1RBO113	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z11 590	C 1	CONT	ABV		22E-1-3237	X008
				FUNCTION/SERVICE:		RCP B SEAL LEAKOFF ISOL	VLV 1A0V-VC8141B						
VC	1RBO173	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z8 590	C 1	CONT	ABV		22E-1-3236	X009
				FUNCTION/SERVICE:		EXCESS LETDOWN HEAT EXCH	ISOL VALVE						
VC	1RBO174	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z6-7 590	C 1	CONT	ABV		22E-1-3236	X010
				FUNCTION/SERVICE:		CHARGING LINE ISOL	VLV 1A0V-VC8147						
VC	1RBO175	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z6-7 590	C 1	CONT	ABV		22E-1-3236	X011
				FUNCTION/SERVICE:		AUX SPRAY SUPPLY	VLV 1A0V-VC8146						
VC	1RBO228	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 590	C 1	CONT	ABV		22E-1-3236	X012
				FUNCTION/SERVICE:		LETDOWN ORIFICE ISOL	VLV 1A0V-VC8149C						
VC	1RBO231	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 590	C 1	CONT	ABV		22E-1-3236	X013
				FUNCTION/SERVICE:		LETDOWN ORIFICE ISOL	VLV 1A0V-VC8149B						
VC	1RBO234	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 590	C 1	CONT	ABV		22E-1-3236	X014
				FUNCTION/SERVICE:		LETDOWN ORIFICE ISOL	VLV 1A0V-VC8149A						
VC	1RBO236	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 590	C 1	CONT	ABV		22E-1-3236	X015
				FUNCTION/SERVICE:		NO 1 SEAL BYPASS ISOL	VLV 1A0V-VC8142						
VC	1RBO238	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z6 590	C 1	CONT	ABV		22E-1-3236	X016
				FUNCTION/SERVICE:		EXCESS LETDOWN FLOW DIVERSION	VLV 1A0V-VC8143						

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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD NO. 345804A, S/N: 119138, OPERATOR MOTOR: RELIANCE-46349GV, TYPE: P

COMP/EQUIP FR R56, 460/3/60, B INSULATION, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL TYPE SMB-00

ACCURACY	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	REFERENCE	QUALIFICATION	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	298	ADS1002	ADS1003	CONCURRENT	ADS1003	CONCURRENT			ARSI100	A008
PRESS PSIA	ZONE C 1 62	90	ADS1002	ADS1003	CONCURRENT	ADS1003	CONCURRENT			ARSI100	A008
REL HUMID%	ZONE C 1 100	100	ADS1002	ADS1003	CONCURRENT	ADS1003	CONCURRENT			ARSI100	A008
RADIATION	ZONE C 1 2.0E08	2.0E08	RADS	ADS1002	SEPARATE	ADS1004	SEPARATE			ARSI100	A008
OPE TME	MN					ADS1003	CONCURRENT			ARSI100	A008
CHEM	SPRAY									ARSI100	A008
CHEM	SPRAY									ARSI100	A008
AGING										ARSI100	A008
SUBMURGNC	N/A					ADS1004	SEPARATE			ARSI100	A008

DOCUMENTATION

 ADS1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADS1003 FRANKLIN INST. TEST REPORT F-C2485-01
 ADS1004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

 ARSI100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH: ORD. NO. 345804U, S/N: 123431, OPERATOR MOTOR: Y242816A15, TYPE: P,
 COMP/EQUIP FR-254UR3, S.F. = 100+(MEG DHMS), 3375RPM

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-3-80

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		298	ADS1002		ADS1003 CONCURRENT			*** NO ARSI100 A010
PRESS PSIA	ZONE C 1 62		90	ADS1002		ADS1003 CONCURRENT			ARSI100 A010
REL HUMID%	ZONE C 1 100		100	ADS1002		ADS1003 CONCURRENT			ARSI100 A010
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	ADS1002		ADS1004 SEPARATE			ARSI100 A010
OPE TME MN			1.5% BORIC ACID			ADS1003 CONCURRENT			ARSI100 A010
CHEM SPRAY			PH 7.67						ARSI100 A010
CHEM SPRAY			40 YRS & ACCIDENT			ADS1004 SEPARATE			ARSI100 A010
AGING									ARSI100 A010
SUBMERGENC		N/A							ARSI100 A010

DOCUMENTATION

ADSI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADSI003 FRANKLIN INST. TEST REPORT F-C2485-01
 ADSI004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

ARSI100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP LIMIT SWITCH

MANUFACTURER NAMCO

MODEL DX-2400

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION	DL PLT DES SPEC	MENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271		SEE REMARKS	ADSI002				ARS1001	AO13
PRESS PSIA	ZONE C 1 62		SEE REMARKS	ADSI002				ARS1001	AO13
REL HUMID%	ZONE C 1 100		SEE REMARKS	ADSI002				ARS1001	AO13
RADIATION	ZONE C 1 2.0E08		SEE REMARKS	ADSI002				ARS1001	AO13
OPE TME MN			SEE REMARKS					ARS1001	AO13
CHEM SPRAY			SEE REMARKS					ARS1001	AO13
AGING			SEE REMARKS					ARS1001	AO13
SUBMERGENC	N/A								AO13

DOCUMENTATION

ADSI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ARS1001 THESE LIMIT SWITCHES ARE FOR INDICATION ONLY. FOR THIS REASON IT HAS BEEN DETERMINED THAT THEY DO NOT HAVE TO BE QUALIFIED
 ALSO THESE ARE NOT REQUIRED TO OPERATE AFTER AN ACCIDENT PER THE FSAR.

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QUALIFICATION DATA SHEET

SYSTEM RESIDUAL HEAT REMOVAL (RH)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH.: DRD. NO. 342598, S/N: 115710, OPERATOR MOTOR RELIANCE-463437-CV, TYPE: P. FR: T56, 1700RPM
 COMP/EQUIP B INSUL., 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-1

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		298		ADRHO01	CONCURRENT		ARRH100 A255
PRESS PSIA	ZONE C 1 62		90		ADRHO01	CONCURRENT		ARRH100 A255
REL HUMID%	ZONE C 1 100		100		ADRHO01	CONCURRENT		ARRH100 A255
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS		ADRHO01	SEPARATE		ARRH100 A255
OPE TME MN								ARRH100 A255
CHEM SPRAY			1.5% BORIC ACID		ADRHO02	CONCURRENT		ARRH100 A255
CHEM SPRAY			PH 7.67					ARRH100 A255
AGING			40 YRS & ACCIDENT		ADRHO03	SEPARATE		ARRH100 A255
SUBMERGENC								ARRH100 A255

DOCUMENTATION

ADRHO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADRHO02 FRANKLIN INST. TEST REPORT F-C2485-01
 ADRHO03 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

ARRH100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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PROJECT NUMBER 6165-0C
 REVISION 2
 DATE 22 AUG 90

QUALIFICATION DATA SHEET

SYSTEM RESIDUAL HEAT REMOVAL (RH)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345804S, S/N.114860, OPERATOR MOTOR RELIANCE-Y239548A5-CV, FR:213R2, 1725RPM

COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-2

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		298	ADR001	ADR002 CONCURRENT			ARRH100 A256
PRESS PSIA	ZONE C 1 62		90	ADR001	ADR002 CONCURRENT			ARRH100 A256
REL HUMID%	ZONE C 1 100		100	ADR001	ADR002 CONCURRENT			ARRH100 A256
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	ADR001	ADR003 SEPARATE			ARRH100 A256
OPE TME MN			1.5% BORIC ACID		ADR003 CONCURRENT			ARRH100 A256
CHEM SPRAY			PH 7.67					ARRH100 A256
CHEM SPRAY			40 YRS & ACCIDENT		ADR003 SEPARATE			ARRH100 A256
AGING								ARRH100 A256
SUBMERGENC		N/A						ARRH100 A256

DOCUMENTATION

ADR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADR002 FRANKLIN INST, TEST REPORT F-C:485-01
 ADR003 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

ARRH100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM CHEMICAL & VOLUME CONTROL (VC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH COMPANY
 MODEL LB-831654

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
PRESS PSIA	ZONE C 1 62		SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
REL HUMID%	ZONE C 1 100		SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
RADIATION	ZONE C 1 2.0E08		SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
OPE TME MN							ANALYSIS		BRVC100 B507
CHEM SPRAY									BRVC100 B507
AGING			SEE REMARKS				ANALYSIS		BRVC100 B507
SUBMERGENC									BRVC100 B507

DOCUMENTATION

BDVCO05 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVC100 NOT REQUIRED TO OPERATE AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK PER FSAR. NO QUALIFICATION IS NECESSARY.

PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP LIMIT SWITCH

MANUFACTURER NAMCO

MODEL EA-180

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	UJMP
TEMP DEG F	ZONE C 1 271		SEE REMARKS	EDVC005	BRVC100	B508
PRESS PSIA	ZONE C 1 62		SEE REMARKS	BDVC005	BRVC100	B508
REL HUMIDITY%	ZONE C 1 100		SEE REMARKS	BDVC005	BRVC100	B508
RADIATION	ZONE C 1 2.0E08		SEE REMARKS	BDVC005	BRVC100	B508
OPE TIME MN					BRVC100	B508
CHEM SPRAY					BRVC100	B508
AGING			SEE REMARKS		BRVC100	B508
SUBMERGENC					BRVC100	B508

DOCUMENTATION

 BDVC005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 BRVC100 NOT REQUIRED TO OPERATE AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK PER FSAR. NO QUALIFICATION IS NECESSARY.



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD. NO. 341972A, S/N: 111587, OPERATOR MOTOR TYPE: DAT, FR: C256Y, 1730RPM
 COMP/EQUIP 230/460/3/60, S.F. = 100+(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-4

ACCURACY			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		298	CDRC001		CDRC002 CONCURRENT		CRRC100 C001
PRESS PSIA	ZONE C 1 62		90	CDRC001		CDRC002 CONCURRENT		CRRC100 C001
REL HUMID%	ZONE C 1 100		100	CDRC001		CDRC002 CONCURRENT		CRRC100 C001
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	CDRC001		CDRC003 SEPARATE		CRRC100 C001
OPE TME MN								CRRC100 C001
CHEM SPRAY			1.5% BORIC ACID			CDRC002 CONCURRENT		CRRC100 C001
CHEM SPRAY			PH 7.67					CRRC100 C001
AGING			40 YRS & ACCIDENT			CDRC003 SEPARATE		CRRC100 C001
SUBMERGENC	N/A							CRRC100 C001

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDRC002 RANKLIN INST. TEST REPORT F-C2485-01
 CDRC003 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.338859A, S/N:105282,OPERATOR MOTOR:RELIANCE-447133, TYPE:P, FR:L56, 1700RPM
 COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-00

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION		REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC					
TEMP DEG F	ZONE C 1 271		298	CDRC001		CDRC002	CONCURRENT		CRRC100	C002
PRESS PSIA	ZONE C 1 62		90	CDRC001		CDRC002	CONCURRENT		CRRC100	C002
REL HUMID%	ZONE C 1 100		100	CDRC001		CDRC002	CONCURRENT		CRRC100	C002
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	CDRC001		CDRC003	SEPARATE		CRRC100	C002
OPE TME MN									CRRC100	C002
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT		CRRC100	C002
CHEM SPRAY			PH 7.67						CRRC100	C002
AGING			40 YRS & ACCIDENT			CDRC003	SEPARATE		CRRC100	C002
SUBMERGENC	N/A								CRRC100	C002

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDRC002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDRC003 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAP. NO QUALIFICATION IS NECESSARY.

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PROJECT NUMBER 6165-00
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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH ORD NO 34-8041, S/N: 114545, OPERATOR MOTOR RELIANCE-456617-DV, FR M56, TYPE P

COMP/EQUIP 230/460/3/60, S.F. = 100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			
TEMP DEG F	ZONE C 1 271		298	CDRC001		CDRC002	CONCURRENT		CRRC100	C003
PRESS PSIA	ZONE C 1 62		90	CDRC001		CDRC002	CONCURRENT		CRRC100	C003
REL HUMID%	ZONE C 1 100		100	CDRC001		CDRC002	CONCURRENT		CRRC100	C003
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	CDRC001		CDRC003	SEPARATE		CRRC100	C003
OPE TME MN									CRRC100	C003
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT		CRRC100	C003
CHEM SPRAY			PH 7.67						CRRC100	C003
AGING			40 YRS & ACCIDENT			CDRC003	SEPARATE		CRRC100	C003
SUBMERGENC	N/A								CRRC100	C003

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDRC002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDRC003 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTURER ASCO
 MODEL LB-831654

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC001					CRRC100	C004
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC001					CRRC100	C004
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC001					CRRC100	C004
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	CDRC001					CRRC100	C004
OPE TME MN			SEE REMARKS						CRRC100	C004
CHEM SPRAY									CRRC100	C004
AGING			SEE REMARKS						CRRC100	C004
SUBMERGENC									CRRC100	C004

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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PROJECT NUMBER 6165-00
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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA-180

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC005					CRR006	C005
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC005					CRR006	C005
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC005					CRR006	C005
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	CDRC005					CRR006	C005
OPE TME MN									CRR006	C005
CHEM SPRAY									CRR006	C005
AGING			SEE REMARKS						CRR006	C005
SUBMERGENC										C005

DOCUMENTATION

CDRC005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRR006 NOT REQUIRED TO OPERATE AFTER AN ACCIDENT PER THE FSAR. NO QUALIFICATION IS NECESSARY. THESE VALVES DO NOT CHANGE POSITION WHEN A SAFETY INJECTION OCCURS. THEY PROVIDE NO SAFETY FUNCTION AND ARE BACKED UP BY VCB152 & VCB153 CONTAINMENT ISOLATION VALVES LOCATED OUTSIDE CONTAINMENT.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA180

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		SEE REMARKS	CDRC001					CRR101 C006
PRESS PSIA	ZONE C 1 62		SEE REMARKS	CDRC001					CRR101 C006
REL HUMID%	ZONE C 1 100		SEE REMARKS	CDRC001					CRR101 C006
RADIATION	ZONE C 1 2.0E08		SEE REMARKS	CDRC001					CRR101 C006
OPE TME MN			SEE REMARKS						CRR101 C006
CHEM SPRAY									CRR101 C006
AGING			SEE REMARKS						CRR101 C006
SUBMERGENC									CRR101 C006

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRR101 NOT REQUIRED AFTER ACCIDENT PER FSAR. INTERLOCKED WITH REACTOR COOLANT PUMPS ONLY. NO QUALIFICATION NECESSARY.

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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER ASCO
 MODEL LB-831654

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC001					CRR100 CO08
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC001					CRR100 CO08
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC001					CRR100 CO08
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	CDRC001					CRR100 CO08
OPE TME MN			SEE REMARKS						CRR100 CO08
CHEM SPRAY									CRR100 CO08
AGING			SEE REMARKS						CRR100 CO08
SUBMERGENC									CRR100 CO08

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRR100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA180

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		***	NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC001					CRR100	C009
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC001					CRR100	C009
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC001					CRR100	C009
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	CDRC001					CRR100	C009
OPE TME MN			SEE REMARKS						CRR100	C009
CHEM SPRAY			SEE REMARKS						CRR100	C009
AGING			SEE REMARKS						CRR100	C009
SUBMERGENC									CRR100	C009

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRR100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR, NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR VENTILATION (RV)

COMP/EQUIP LIMIT SWITCH

MANUFACTURER NAMCO

MODEL EA-180

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		340	DDR0001	DDR092	CONCURRENT		D101
PRESS PSIA	ZONE C 1 62		70	DDR0001	DDR092	CONCURRENT		D101
REL HUMID%	ZONE C 1 100		100	DDR0001	DDR092	CONCURRENT		D101
RADIATION	ZONE C 1 2.0E09		2.04E08 RADS	DDR0001	DDR092	SEPARATE		D101
OPE TME MN	SHORT/LONG TERM		230CC/MIN BR ACID		DDR092	CONCURRENT		DRR071 D101
CHEM SPRAY								D101
AGING								D101
SUBMERGENC	ABV FLD ELEV.							D101

DOCUMENTATION

DRR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 DRR092

OUTSTANDING ITEMS/REMARKS

DRR071 SHORT TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0001.
 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0003.
 ADV-RV0003 IS REQUIRED FOR THE HYDROGEN RECOMBINERS.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR VENTILATION (RV)

COMP/EQUIP SOLENOID OPERATOR

MANUFACTURER ASCO

MODEL THT-8316-C34

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		346	PLT DES SPEC DDR001	CONCURRENT		*** NO D104
PRESS PSIA	ZONE C 1 63.7		110	DDR001	CONCURRENT		D104
REL HUMID%	ZONE C 1 100		100	DDR001	CONCURRENT		D104
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	DDR001	SEPARATE		D104
OPE TME MN	SHORT/LONG TERM		30 DAYS				DRR071 D104
CHEM SPRAY			3000PPM BR ACID		CONCURRENT		D104
AGING			4-20 YRS		SEPARATE		DRR008 D104
SUBMERGENC	ABV FLD ELEV.						D104

DOCUMENTATION

DRR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 DRR082

OUTSTANDING ITEMS/REMARKS

DRR008 SEE TEST REPORT FOR AGING PROFILE. THE SOLENOIDS FOR UNIT 1 ARE BEING CHANGED TO THE NP-1 SERIES. QUALIFICATION IS PROVIDED FOR THE NP-1 SERIES. ASCO REPORT AQS21678/TR.
 DRR071 SHORT TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0001.
 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0003.
 ADV-RV0003 IS REQUIRED FOR THE HYDROGEN RECOMBINERS.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP RCFC FAN/MOTOR TEMPERATURE CONTROL/CONTAINMENT
 MANUFACTURER WESTINGHOUSE
 MODEL 585.5CSP/FRAME 200/200HP/1200/900RPM

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE - PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	271	308	FDRV007 FDRV001 FDRV004	CONCURRENT		FOO1
PRESS PSIA	ZONE C 1 62	47	80	FDRV007 FDRV001	CONCURRENT		FOO1
REL HUMID%	ZONE C 1 100	100	100	FDRV007 FDRV002 FDRV004	CONCURRENT		FOO1
RADIATION	ZONE C 1 2.0E08	1.5E08	1.40E08	FDRV007 FDRV003 FDRV005	SEPARATE	FORV001	FOO1
OPE TME MN	LONG TERM						FRRV100 FOO1
CHEM SPRAY		2500PPM BORON	3000PPM BORON	FDRV003 FDRV004	CONCURRENT		FOO1
CHEM SPRAY		PH 9.5-10.0	PH 9.5-10.0				FOO1
AGING	40 YRS & ACCIDENT					FORV001	FOO1
SUBMERGENC	NOT APPLICABLE						FOO1

DOCUMENTATION

 FDRV001 SPECIFICATION X-2234 PAGE 7
 FDRV002 SPECIFICATION X-2234 PAGE 32
 FDRV003 SPECIFICATION X-2234 PAGE 10
 FDRV004 WESTINGHOUSE TEST REPORT (WCAP-9003). "FAN COOLER MOTOR TEST UNIT"
 FDRV005 WESTINGHOUSE TEST REPORT (WCAP-7744). "TOPICAL REPORT & ENVIRONMENTAL TESTING OF ENGINEERED SAFETY FEATURES RELATED EQUIP"
 FDRV007 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 FORV001 THERE IS ANOTHER WCAP WHICH QUALIFIES THE MOTORS TO 2.0E08 RAD ENVIRONMENT. HOWEVER IT WAS NOT AVAILABLE AT THE ISSUE DATE
 SO THIS VALUE WAS NOT INCLUDED. (REF WCAP-7829)
 FRRV100 LONG TERM OPERATION REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP THREE-WAY SOLENOID VALVE FOR RCFC DAMPER CONTROL

MANUFACTURER ASCO
 MODEL 8300

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271									SEE REMARKS	IRR001
PRESS PSIA	ZONE C 1 62									SEE REMARKS	IRR001
REL HUMID%	ZONE C 1 100									SEE REMARKS	IRR001
RADIATION	ZONE C 1 2.0E08									SEE REMARKS	IRR001
OPE TME MN	SHORT TERM									SEE REMARKS	IRR100
CHEM SPRAY										SEE REMARKS	IRR001
AGING										SEE REMARKS	IRR001
SUBMERGENC	ABV FLD ELEV									SEE REMARKS	IRR001

DOCUMENTATION
 IRR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 IRR001 FOR THE RCFC DAMPER SOLENOIDS THE ONLY PART WHICH IS SUSCEPTIBLE TO FAILURE ARE THE 'O'-RINGS. HOWEVER EVEN IF THESE SHOULD FAIL THE SOLENOID WILL VENT AND THE DAMPER WILL SHIFT TO THE ACCIDENT MODE. THEREFORE THEY WILL FUNCTION PROPERLY IN THEIR ENVIRONMENT DURING AN ACCIDENT AND POST LOCA CONDITIONS. THEY DO NOT HAVE TO REMAIN FUNCTIONAL AFTER THE ACCIDENT BECAUSE THERE WOULD NEVER BE A REASON TO CHANGE THEIR POSITION. (REF WESTINGHOUSE LETTER NS-CE755.)
 IRR100 SHORT TERM OPERATION IS REQUIRED FOR L/C-A OR MAIN STEAM/FEEDWATER LINE BREAK.



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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP FLOW TRANSMITTER

MANUFACTURER FISCHER & PORTER

MODEL 10B2496PBBABB-NS

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C : 271		290 (2.5 HRS)	MDSI003		MDSI001 CONCURRENT			M102
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDSI003		MDSI001 CONCURRENT			M102
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDSI003		MDSI001 CONCURRENT			M102
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDSI003		MDSI002 SEPARATE & COMPARISON			M102
OPE TME MN	MEDIUM TERM		2.5 HRS			MDSI001 CONCURRENT			MRSI100 M102
CHEM SPRAY			2000 PPM BORON			MDSI004 SEPARATE			M102
AGING									M102
SUBMERGENC	BEL FLD ELEV.		SEE REMARKS						MRSI004 M102

DOCUMENTATION

MDSI001 FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968, AND FRANKLIN INSTITUTE REPORT F-C2639 NOV. 1969
 MDSI002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22.1973
 MDSI003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDSI004 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFETY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRSI004 INSTRUMENT FT-926 & FT-924(UNIT 2 ONLY) WILL BE SUBMERGED AFTER A LOCA. BACKUP INSTRUMENT IS FT-934 WHICH IS OUTSIDE CONTAINMENT.
 MRSI100 MEDIUM TERM OPERATION REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK.

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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 50EP1031BCXA-N5

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION PLT DES SPEC	DOCUMENTATION REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDS1003	MDS1001 CONCURRENT		*** NO M103
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDS1003	MDS1001 CONCURRENT		M103
REL HUMID/%	ZONE C 1 100		100 (2.5 HRS)	MDS1003	MDS1001 CONCURRENT		M103
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDS1003	MDS1002 SEPARATE & COMPARISON		M103
OPE TIME MN	SHORT TERM		2.5 HRS		MDS1001 CONCURRENT		MRSI101 M103
CHEM SPRAY			2000 PPM BORON		MDS1004 SEPARATE		M103
AGING							M103
SUBMERGENC	BEL FLD ELEV.						MRSI002 M103

DOCUMENTATION

MDS1001 FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968, AND FRANKLIN INSTITUTE REPORT F-C2639 NOV. 1969
 MDS1002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22.1973
 MDS1003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDS1004 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFETY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRSI002 THESE INSTRUMENTS WILL BE SUBMERGED AFTER A LOCA.
 MRSI101 LONG TERM OPERATION FOR LOCA ONLY PER FSAR.



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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP LEVEL SWITCH

MANUFACTURER MAGNETROL

MODEL A-153-FEP/VPX-Y-3X-TDM-SIM3H-SIM3H-SIM3H

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	MDS1003						NO
PRESS PSIA	ZONE C 1 62	SEE REMARKS	MDS1003						M106
REL HUMID%	ZONE C 1 100	SEE REMARKS	MDS1003						M106
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	MDS1003						M106
OPE TME MN	LONG TERM	SEE REMARKS						MRSI101	M106
CHEM SPRAY		SEE REMARKS							M106
AGING		SEE REMARKS							M106
SUBMERGENC	N/A								M106

DOCUMENTATION

MDS1003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRSI101 LONG TERM OPERATION FOR LOCA ONLY PER FSAR.

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QUALIFICATION DATA SHEET

SYSTEM FEEDWATER (FW)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 10B2491VC8B-NS

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDFW003			MDFW001 CONCURRENT			M201
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDFW003			MDFW001 CONCURRENT			M201
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDFW003			MDFW001 CONCURRENT			M201
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDFW003			MDFW002 SEPARATE & COMPARISON			MRFW101 M201
OPE TME MN	SHORT TERM		2.5 HRS				MDFW001 CONCURRENT			MRFW100 M201
CHEM SPRAY			2000 PPM BORON				MDFW004 SEPARATE			M201
AGING										MRFW001 M201
SUBMERGENC										MRFW002 M201

SEE REMARKS

DOCUMENTATION

MDFW001 FRANKLIN INST TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-/06, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW001 A LETTER IS TO BE SENT TO THE MANUFACTURER TO OBTAIN THE ADDITIONAL QUALIFICATION ITEMS.
 MRFW002 THESE INSTRUMENTS WILL BE FLOODED AFTER A LOCA BUT THEY ARE NOT REQUIRED TO FUNCTION AFTER A LOCA . BEFORE BEING SUBMERGED.
 MRFW100 SHORT TERM OPERATION AFTER MAIN STEAM LINE BREAK; NOT REQUIRED AFTER LOCA.
 MRFW101 NOT APPLICABLE FOR MAIN STEAM LINE BREAK. NO QUALIFICATION NECESSARY.



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QUALIFICATION DATA SHEET

SYSTEM FEEDWATER (FW)
 COMP/EQUIP LEVEL TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 13D2495K88ABB-NS

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		290	MDFW003		MDFW001 CONCURRENT			*** NO M202
PRESS PSIA	ZONE C 1 62		75	MDFW003		MDFW001 CONCURRENT			M202
REL HUMID%	ZONE C 1 100		100	MDFW003		MDFW001 CONCURRENT			M202
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDFW003		MDFW002 SEPARATE & COMPARISN			MRFW101 M202
OPE TME MN	LONG TERM		2.5 HPS			MDFW001 CONCURRENT			MRFW102 M202
CHEM SPRAY			2000 PPM BORON			MDFW004 SEPARATE			M202
AGING									MRFW001 M202
SUBMERGENC	BEL FLD ELEV								MRFW003 M202

DOCUMENTATION

 MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 MRFW001 A LETTER IS TO BE SENT TO THE MANUFACTURER TO OBTAIN THE ADDITIONAL QUALIFICATION ITEMS.
 MRFW003 NO QUALIFICATION IS REQUIRED. INSTRUMENT IS NOT REQUIRED TO FUNCTION DURING OR AFTER A LOCA.
 MRFW101 NOT APPLICABLE FOR MAIN STEAM LINE BREAK. NO QUALIFICATION NECESSARY.
 MRFW102 LONG TERM OPERATION REQUIRED AFTER MAIN STEAM OR FEEDWATER LINE BREAK AND LOCA PER FSAR.



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QUALIFICATION DATA SHEET

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LEVEL TRANSMITTER
 MANUFACTURER BARTON
 MODEL 386

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		289 (2 HRS)	MDR004	CONCURRENT		M301
PRESS PSIA	ZONE C 1 62		75 (2 HRS)	MDR004	CONCURRENT		M301
REL HUMID%	ZONE C 1 100		100 (2 HRS)	MDR004	CONCURRENT		M301
RADIATION	ZONE C 1 2.0E08			MDR004			MRR001 M301
OPE TIME MN	LONG TERM						MRC100 M301
CHEM SPRAY			2000 PPM BORON		SEPARATE		M301
AGING			SEE REMARKS				MRR001 M301
SUBMERGENC	BEL FLD ELEV		SEE REMARKS				MRR005 M301

DOCUMENTATION
 MDR004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDR005 FRANKLIN INSTITUTE REPORT F-C2657, NOV. 1969 & LETTER FROM D.A. PRICE OF IIT BARTON TO J. AWAL OF CECO, DATED APRIL 30, 1975.
 MDR006 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFETY RELATED TRANSMITTERS."

OUTSTANDING ITEMS/REMARKS
 MRR001 A LETTER WILL BE WRITTEN TO THE MANUFACTURER TO OBTAIN THE QUALIFICATION DATA.
 MRR005 INSTRUMENT LT-460 WILL BE SUBMERGED AFTER A LOCA. EMERGED SAFETY-RELATED INSTRUMENTS TO ABOVE FLOOD ELEVATION.
 MRC100 LONG TERM OPERATION FOR LOCA AND MAIN STEAM LINE BREAK.

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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 10B2496PBBABBB-NS

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271			290 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT			M302
PRESS PSIA ZONE C 1 62			75 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT			M302
REL HUMID% ZONE C 1 100			100 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT			M302
RADIATION ZONE C 1 2.0E08			1.2E08 RADS	MDRC004		MDRC002	SEPARATE & COMPARISN			M302
OPE TME MN			2.5 HRS			MDRC001	CONCURRENT		MRRC105	M302
CHEM SPRAY			2000 PPM BORON			MDRC006	SEPARATE			M302
AGING										M302
SUBMERCEN			SEE REMARKS						MRRC002	M302

DOCUMENTATION

MDRC001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDR002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDR004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDR006 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRRC002 INSTRUMENTS FT-414,434,435,444,AND 445 WILL BE SUBMERGED FOLLOWING A LOCA. HOWEVER THEY ARE NOT REQUIRED FOR ACCIDENT MITIGATION. NO QUALIFICATION IS NECESSARY.
 MRRC105 NOT REQUIRED TO OPERATE AFTER LOCA DR MAIN STEAM/FEEDWATER LINE BREAK PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

SYSTEM REA COOLANT (RC)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 50EP1041BCXA-NS

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDR004	MDR001 CONCURRENT			M303
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDR004	MDR001 CONCURRENT			M303
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDR004	MDR001 CONCURRENT			M303
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDR004	MDR002 SEPARATE & COMPARISN			M303
OPE TME MN	LONG TERM		2.5 HRS		MDR001 CONCURRENT			MRR0100 M303
CHEM SPRAY			2000 PPM BORON		MDR006 SEPARATE			M303
AGING								MRR0001 M303
SUBMERGENC	N/A							M303

DOCUMENTATION

MDR001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDR002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDR004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDR006 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFETY RELATED TRANSMITTERS."

OUTSTANDING ITEMS/REMARKS

MRR001 A LETTER WILL BE WRITTEN TO THE MANUFACTURER TO OBTAIN THE QUALIFICATION DATA
 MRR0100 LONG TERM OPERATION FOR LOCA AND MAIN STEAM LINE BREAK.

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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP RESISTANCE TEMPERATURE DETECTORS
 MANUFACTURER SOSTMAN
 MODEL 100 OHM PLATINUM

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE C 1 271		MDRC004			MRRC003 M304
PRESS PSIA	ZONE C 1 62		MDRC004			MRRC003 M304
REL HUMID%	ZONE C 1 100		MDRC004			MRRC003 M304
RADIATION	ZONE C 1 2.OE08		MDRC004			MRRC003 M304
OPE TME MN	SHORT TERM					MRRC106 M304
CHEM SPRAY						MRRC003 M304
AGING						MRRC003 M304
SUBMERGENC	N/A					M304

DOCUMENTATION
 MDC004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 MRRC003 WESTINGHOUSE HAS THE QUALIFICATION DOCUMENTS FOR THE RID'S. CECSO HAS TALKED TO WESTINGHOUSE TO OBTAIN THE INFORMATION FOR OUR IMPLEMENTATION.
 MRRC106 SHORT TERM OPERATION IS REQUIRED AFTER MAIN STEAM/FEEDWATER LINE BREAK. NOT REQUIRED FOR LOCA.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP RESISTANCE TEMPERATURE DETECTORS
 MANUFACTURER ROSEMOUNT
 MODEL 176KF REV H

ACCURACY	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
PARAMETER	PLANT DESIGN		PLT DES SPEC	QUAL		*** NO
TEMP DEG F	ZONE C 1 271		MDRC004			MRRC002 M308
PRESS PSIA	ZONE C 1 62		MDRC004			MRRC002 M308
REL HUMID%	ZONE C 1 100		MDRC004			MRRC002 M308
RADIATION	ZONE C 1 2.0E08		MDRC004			MRRC002 M308
OPE TME MN	SHORT TERM					MRRC106 M308
CHEM SPRAY						MRRC002 M308
AGING						MRRC002 M308
SUBMERGENC	N/A					M308

DOCUMENTATION
 MDR004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 MRRC002 INSTRUMENTS FT-414, 434, 435, 444, AND 445 WILL BE SUBMERGED FOLLOWING A LOCA. HOWEVER THEY ARE NOT REQUIRED FOR ACCIDENT MITIGATION. NO QUALIFICATION IS NECESSARY.
 MRRC106 SHORT TERM OPERATION IS REQUIRED AFTER MAIN STEAM/FEEDWATER LINE BREAK. NOT REQUIRED FOR LOCA.

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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 50EP1041

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDRC004	MDRC001 CONCURRENT				M309
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDRC004	MDRC001 CONCURRENT				M309
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDRC004	MDRC001 CONCURRENT				M309
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDRC004	MDRC002 SEPARATE & COMPARI				M309
OPE TME MN	LONG TERM		2.5 HRS		MDRC001 CONCURRENT				M309
CHEM SPRAY			2000 PPM BORON		MDRC006 SEPARATE				M309
AGING			SEE REMARKS						M309
SUBMERGENC	N/A								M309

DOCUMENTATION
 MDR001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDR002 FISCHER & PORTER D. P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
 MDR004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDR006 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFETY RELATED TRANSMITTERS."

OUTSTANDING ITEMS/REMARKS
 MRR006 NO QUALIFICATION IS REQUIRED. THIS INSTRUMENT WILL BE REPLACED BY TMI MODIFICATION UNCHANGED. SEE TMI MOD.

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QUALIFICATION DATA SHEET

SYSTEM AREA RADIATION MONITORING (AR)

COMP/EQUIP RADIATION DETECTORS

MANUFACTURER NMC

MODEL GA-2TM

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271		SEE REMARKS	MDAR001						MRAR100	M802
PRESS PSIA	ZONE C 1 62		SEE REMARKS	MDAR001						MRAR100	M802
REL HUMIDITY%	ZONE C 1 100		SEE REMARKS	MDAR001						MRAR100	M802
RADIATION	ZONE C 1 2.OE0B		SEE REMARKS	MDAR001						MRAR100	M802
OPS TME MN			SEE REMARKS							MRAR100	M802
CHEM SPRAY			SEE REMARKS							MRAR100	M802
AGING			SEE REMARKS							MRAR100	M802
SUBMERGENC			N/A							MRAR100	M802

DOCUMENTATION

 MDAR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 MRAR100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.



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QUALIFICATION DATA SHEET

SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP HUMIDITY SENSOR
 MANUFACTURER TAYLOR
 MODEL 10H5

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271		SEE REMARKS		MDR0001				MRRV100	M901
PRESS PSIA	ZONE C 1 62		SEE REMARKS		MDR0001				MRRV100	M901
REL HUMID%	ZONE C 1 100		SEE REMARKS		MDR0001				MRRV100	M901
RADIATION	ZONE C 1 2.0E08		SEE REMARKS		MDR0001				MRRV100	M901
OPE TME MN			SEE REMARKS						MRRV100	M901
CHEM SPRAY			SEE REMARKS						MRRV100	M901
AGING			SEE REMARKS						MRRV100	M901
SUBMERGENC									MRRV100	M901

DOCUMENTATION
 MDR0001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 MRRV100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP RESISTANCE TEMPERATURE DETECTOR
 MANUFACTURER ELECTRIC THERMOMETERS
 MODEL 3 WIRE

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271		SEE REMARKS	MDRV001					MRRV100	M904
PRESS PSIA	ZONE C 1 62		SEE REMARKS	MDRV001					MRRV100	M904
REL HUMID%	ZONE C 1 100		SEE REMARKS	MDRV001					MRRV100	M904
RADIATION	ZONE C 1 2.0E08		SEE REMARKS	MDRV001					MRRV100	M9C1
OPE TIME MN			SEE REMARKS						MRRV100	M904
CHEM SFRAY			SEE REMARKS						MRRV100	M904
AGING			SEE REMARKS						MRRV100	M904
SUBMERGENC									MRRV100	M904

DOCUMENTATION
 MDRV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 MRRV100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

SYSTEM SI, VC, FW, RC
 COMP/EQUIP 1EPO06/ELECTRICAL PENETRATION E-6
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 4.1

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP004 SIMULTANEOUS			RREPO01 R001
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP004 SIMUL ANEODUS			RREPO02 R001
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP004 SIMULTANEOUS			RREPO03 R001
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003 SEPERATE			RREPO04 R001
OPE TME MN	LONG TIME	1 YEAR	48 HOURS	RDEP005 RDEP003			R001
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS		RREPO05 R001
AGING							R001
SUBMERGENC	N/A						R001

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP004 D.G. O'BRIEN REPORT NO. C190A052, DATED 9/2/71
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 2000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM MS, FW, RV, RC, SI, VC

COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG F	UDXX999 RDEP005 RDEP004	SIMULTANEOUS		RREPO01 R002
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP004	SIMULTANEOUS		RREPO02 R002
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP004	SIMULTANEOUS		RREPO03 R002
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE		RREPO04 R002
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003			R002
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005			RREPO05 R002
AGING							R002
SUBMERGENC	N/A						R002

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP004 D.G.O'BRIEN REPORT NO. C190A052, DATED 9/2/71
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

SYSTEM SI. VC

COMP/EQUIP 1EPO17/ELECTRICAL PENETRATION E-17

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	RDEP005	RDEP006	SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS			RREPO06	RO03
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	RDEP005	RDEP006	SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS			RREPO07	RO03
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	RDEP005	RDEP006	SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS			RREPO08	RO03
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	UDXX999 RDEP005 RDEP003 SEPERATE			RREPO04	RO03
OPE TME MN	LONG TIME	1 YEAR	49 HOURS		RDEP005	RDEP003		RDEP005 RDEP003			RREPO05	RO03
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005			RDEP005	SEE REMARKS		RREPO05	RO03
AGING												RO03
SUBMERGENC	N/A											RO03

DOCUMENTATION
 RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP006 D.G. O'BRIEN REPORT NO. C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX., & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS



QUALIFICATION DATA SHEET

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OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPOOB SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

SYSTEM RH, SI, VC, RV, RC, AP

COMP/EQUIP 1EPO21/ELECTRICAL PENETRATION E-21

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006	SIMULTANEOUS		RREPO06 R004
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005	SIMULTANEOUS		RREPO07 R004
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006	SIMULTANEOUS		RREPO08 R004
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE		RREPO04 R004
DPE TME MN	30 DAYS	1 YEAR	49 HOURS	RDEP005 RDEP003			R004
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS		RREPO05 R004
AGING							R004
SUBMERGENC	N/A						R004

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP006 D.G. O'BRIEN REPORT NO. C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX., & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS



QUALIFICATION DATA SHEET

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OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO08 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

SYSTEM SI, RH, RV

COMP/EQUIP 1EPO22/ELECTRICAL PENETRATION E-22

MANUFACTURER D.G. O'BRIEN

MODEL TYP 2.2

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	UDXX999 RDEP005 RDEP007 SIMULTANEOUS		RREP001	ROO5
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	UDXX999 RDEP005 RDEP007 SIMULTANEOUS		RREP002	ROO5
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	UDXX999 RDEP005 RDEP007 SIMULTANEOUS		RREP003	ROO5
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	UDXX999 RDEP005 RDEP003 SEPERATE		RREP004	ROO5
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003		RDEP005 RDEP003			ROO5
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005			RDEP005	SEE REMARKS	RREP005	ROO5
AGING											ROO5
SUBMERGENC	N/A										ROO5

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREP001 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREP002 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREP003 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREP005 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM - ST. RV

COMP/EQUIP 1EPO34/ELECTRICAL PENETRATION E-34

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS				RREPO01	RO06
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS				RREPO02	RO06
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS				RREPO03	RO06
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE				RREPO04	RO06
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003						RO06
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005						RREPO05	RO06
AGING												RO06
SUBMERGENC	N/A											RO06

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 1 HOUR, 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., 10000 SEC., 10000 SEC., 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM RC, RV, FW, SI, AR, VC

COMP/EQUIP 1EPO45/ELECTRICAL PENETRATION E-45

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP004	SIMULTANEOUS	*****	RREPO01 R007	R007
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP004	SIMULTANEOUS	*****	RREPO02 R007	R007
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP004	SIMULTANEOUS	*****	RREPO03 R007	R007
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE	*****	RREPO04 R007	R007
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003		*****	RREPO05 R007	R007
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	*****	RREPO05 R007	R007
AGING						*****	RREPO05 R007	R007
SUBMERGENC	N/A					*****	RREPO05 R007	R007

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP004 D.G. O'BRIEN REPORT NO. C19QA052, DATED 9/2/71
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 167 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG F/R 10000 SEC., 10 PSIG MAX /5 P.IG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NO. TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

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QUALIFICATION DATA SHEET

SYSTEM FW, RV, RC, SI, MS, VC
 COMP/EQUIP 1EPO46/ELECTRICAL PENETRATION E-46
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 4.1

PARAMETER	ENVIRONMENT	PLANT DESIGN SPECIFICATION	QUALIFICATION PLT DES	REFERENCE SPEC	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	SEE REMARKS	273 DEG F	UDXX999	RDEP005	RDEP004	SIMULTANEOUS	RREPO01	RO08
PRESS PSIA	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP004	SIMULTANEOUS	RREPO02	RO08
REL HUMID%	SEE REMARKS	100%	UDXX999	RDEP005	RDEP004	SIMULTANEOUS	RREPO03	RO08
RADIATION	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	RO08
OPE TME MN	1 YEAR	48 HOURS		RDEP005	RDEP003			RO08
CHEM SPRAY	SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS	RREPO05	RO08
AGING								RO08
SUBMERGENC	N/A							RO08

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP004 D.G. O'BRIEN REPORT NO. C190A052, DATED 9/2/71
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR. 271 DEG.F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (P4 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

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QUALIFICATION DATA SHEET

SYSTEM RC, SI, AP, VC, RV

COMP/EQUIP 1EPO49/ELECTRICAL PENETRATION E-49

MANUFACTURER D.G. O'BRIEN

MODIFIER TYPE 3.1

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	RREPO06 R009		R009
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	RREPO07 R009		R009
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	RREPO08 R009		R009
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XFOB RADS	UDXX999 RDEP005 RDEP003 SEPERATE	UDXX999 RDEP005 RDEP003 SEPERATE	PREP004 R009		R009
OPE TIME MN	30 DAYS	1 YEAR	49 HOURS	RDEP005 RDEP003	RDEP005 RDEP003	RREPO05 R009		R009
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	RDEP005	RREPO05 R009		R009
AGING		SEE REMARKS	SEE REMARKS	RDEP005	RDEP005	RREPO05 R009		R009
SUBMERGENC	N/A							

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP006 D.G. O'BRIEN REPORT NO. C190A051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PS. G MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS



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QUALIFICATION DATA SHEET

OUTSTANDING ITEMS/REMARKS (CONTINUED)

REPOOB SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 100000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

SYSTEM RC, SI, RH, VC, RV, AP
 COMP/EQUIP 1E051/ELECTRICAL PENETRATION E-51
 MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	UDXX999 RDEP006 SIMULTANEOUS	*****	RREPO06 R010	R010
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	UDXX999 RDEP006 SIMULTANEOUS	*****	RREPO07 R010	R010
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	UDXX999 RDEP006 SIMULTANEOUS	*****	RREPO08 R010	R010
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003 SEPERATE	UDXX999 RDEP003 SEPERATE	*****	RREPO04 R010	R010
OPE TIME MN	30 DAYS	1 YEAR	49 HOURS	RDEP005 RDEP003	RDEP005 RDEP003	*****	RREPO05 R010	R010
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	RDEP005	*****	RREPO05 R010	R010
AGING						*****	RREPO05 R010	R010
SUBMERGENC	N/A					*****	RREPO05 R010	R010

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP006 D.G. O'BRIEN REPORT NO. C190A051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-10E MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS



QUALIFICATION DATA SHEET

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OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPOOB SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

SYSTEM VC, SI, RC

COMP/EQUIP 1EPO52/ELECTRICAL PENETRATION E-52

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT-SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL METHOD	QUALIFICATION	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005	RDEP006 SIMULTANEOUS	UDXX999 RDEP006 SIMULTANEOUS	*****	RREPO06 RO11
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005	RDEP006 SIMULTANEOUS	UDXX999 RDEP006 SIMULTANEOUS	*****	RREPO07 RO11
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999 RDEP005	RDEP006 SIMULTANEOUS	UDXX999 RDEP006 SIMULTANEOUS	*****	RREPO08 RO11
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005	RDEP003 SEPERATE	UDXX999 RDEP005 RDEP003 SEPERATE	*****	RREPO04 RO11
OPE TIME MN	30 DAYS	1 YEAR	49 HOURS	RDEP005	RDEP003	RDEP005 RDEP003	*****	RO11
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005		RDEP005	SEE REMARKS	RREPO05 RO11
AGING								RO11
SUBMERGENC	N/A							RO11

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP006 D.G. O'BRIEN REPORT NO. C190A051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS



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OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO08 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

SYSTEM RV. SI

COMP/EQUIP 1EPO59/ELECTRICAL PENETRATION E-59

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO01	RO12
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO02	RO12
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO03	RO12
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	RO12
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005	RDEP003			RREPO05	RO12
CHEM SPRAY	SEE REMARKS	SEE REMARKS	SEE REMARKS	RDEP005				RREPO05	RO12
AGING									RO12
SUBMERGENC	N/A								RO12

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QAO58, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 273 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. /5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 11.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM RV
 COMP/EQUIP 1EPO04/ELECTRICAL PENETRATION E-4
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 2.2

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEPO05	RDEPO07	SIMULTANEOUS			RREPO01	RO25
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05	RDEPO07	SIMULTANEOUS			RREPO02	RO25
REL HUMIDITY	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05	RDEPO07	SIMULTANEOUS			RREPO03	RO25
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05	RDEPO03	SEPERATE			RREPO04	RO25
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEPO05	RDEPO03					RO25
CHEM SPRAY	SEE REMARKS	SEE REMARKS	SEE REMARKS	RDEPO05					RREPO05	RO25
AGING										RO25
SUBMERGENC	N/A									RO25

DOCUMENTATION

RDEPO03 D.G. O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO25/ELECTRICAL PENETRATION E-25

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 5.1

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
PLANT DESIGN	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	SEE REMARKS	ROEP009 RREPO09 R027	
TEMP DEG F	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	SEE REMARKS	ROEP010 RREPO10 R027	
PRESS PSIA	SEE REMARKS	SEE OUTST ITEMS	JDXX999 RDEP005 RDEP009 SIMULTANEOUS	SEE REMARKS	ROEP011 RREPO11 R027	
REL HUMID%	SEE REMARKS	SEE OUTST ITEMS	JDXX999 RDEP005 RDEP009 SIMULTANEOUS	SEE REMARKS	ROEP012 RREPO12 R027	
RADIATION	SEE REMARKS	SEE OUTST ITEMS	JDXX999 RDEP005 RDEP003 SEPERATE	SEE REMARKS	ROEP013 RREPO14 R027	
OPE TME MN	1 YEAR	SEE REMARKS	RDEP005 RDEP008	SEE REMARKS	RREPO05 R027	
CHEM SPRAY	SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	R027	
AGING	SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	R027	
SUBMERGENC	N/A	SEE REMARKS	RDEP005	SEE REMARKS	R027	

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP008 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEP009 D.G.O'BRIEN TEST REPORT NO. C190A041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RDEP009 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP010 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP011 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP012 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP013 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO09 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO10 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR, 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.

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OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO11 SPECIFICATION: 100% FOR 10 SEC..700 SEC..10000 SEC..AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
RREPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^{16} RAD/HOUR BY 1.5 MEV
EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD. 1.7×10^{18} RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^{17} RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD. 2×10^{19} RADS.

RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO26/ELECTRICAL PENETRATION E-26

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 5.1

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	ROEP009	RREP009	RO29
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	ROEP010	RREP010	RO29
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	UDXX999 RDEP005 RDEP009 SIMULTANEOUS	ROEP011	RREP011	RO29
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP003 SEPERATE	UDXX999 RDEP005 RDEP003 SEPERATE	ROEP012	RREP012	RO29
OPE TME MN	N/A	1 YEAR	SEE OUTST ITEMS	RDEP005 RDEP008	RDEP005 RDEP008	ROEP013	RREP013	RO29
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	RDEP005		RREP005	RO29
AGING								2
SUBMERGENC	N/A							3

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP008 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEP009 D.G.O'BRIEN TEST REPORT NO. C190A041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEP009 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP010 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP011 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP012 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEP013 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREP005 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREP009 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREP010 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR, 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.



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OUTSTANDING ITEMS/REMARKS (CONTINUED)

PREPO11 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% FOR 48 HOURS
1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^6 RAD/HOUR BY 1.5 MEV
RREPO12 SPECIFICATION: EFFICTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7 X 10E8 RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD, 2 X 10E9 RADS.

RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1E055/ELECTRICAL PENETRATION E-55

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 5.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009	SIMULTANEOUS	ROEP009 RREP009	R031
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009	SIMULTANEOUS	ROEP010 RREP010	R031
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP009	SIMULTANEOUS	ROEP011 RREP011	R031
RADIATION	ZONE C 1 2.OE08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEP005 RDEP003	SEPERATE	ROEP012 RREP012	R031
OPE TME MN	N/A	1 YEAR	SEE OUTST ITEMS	RDEP005 RDEP008		ROEP013 RREP014	R031
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	RREP005	R031
AGING							R031
SUBMERGENC	N/A						R031

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP008 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEP009 D.G.O'BRIEN TEST REPORT NO. C190A041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEP009 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEP010 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEP011 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEP012 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEP013 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREP005 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREP009 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREP010 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR, 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.

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QUALIFICATION DATA SHEET

OUTSTANDING ITEMS/REMARKS (CONTINUED)

REPO11 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
REPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^{16} RAD/HOUR BY 1.5 MEV
EFFICTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD. 1.7 X 10E8 RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^{17} RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD. 2 X 10E9 RADS.

REPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE -SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO56/ELECTRICAL PENETRATION E-56

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 5.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP009	SIMULTANEOUS		ROEPO09	RKEPO09	RO33
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP009	SIMULTANEOUS		ROEPO10	RREPO10	RO33
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP009	SIMULTANEOUS		ROEPO11	RREPO11	RO33
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP003	SEPERATE		ROEPO12	RREPO12	RO33
OPF TME MN	N/A	1 YEAR	SEE OUTST ITEMS		RDEP005	RDEP008			ROEPO13	RREPO14	RO33
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005				RREPO05	RO33	
AGING											RO33
SUBMERGENC	N/A										RO33

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP008 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEP009 D.G. O'BRIEN TEST REPORT NO. C190A041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEPO09 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO10 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO11 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO12 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO13 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO09 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO10 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR, 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.



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OUTSTANDING ITEMS/REMARKS (CONTINUED)

REPO11 SPECIFICATION: 100% FOR 10 SEC. 700 SEC., 1000 SEC., AND 10000 SEC., TO 1 YEAR, 100% FOR 1 HOUR AND 100% FOR 48 HOURS
REPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^6 RAD/HOUR BY 1.5 MEV
EFFECTIVE ENERGY GAMMA RAYS TOTAL 1 YEAR DOSE PERIOD, 1.7×10^8 RADS, 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD, 2×10^9 RADS.

REPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-16
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 4.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005	RDEP004	SIMULTANEOUS			RREPO01	R035
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005	RDEP004	SIMULTANEOUS			RREPO02	R035
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005	RDEP004	SIMULTANEOUS			RREPO03	R035
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005	RDEP003	SEPERATE			RREPO04	R035
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005	RDEP003				RREPO05	R035
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005					RREPO05	R035
AGING										R035
SUBMERGENC	N/A									R035

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP004 D.G. O'BRIEN REPORT NO. C190A052, DATED 9/2/71
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFIC ION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1EPO27/ELECTRICAL PENETRATION E-27

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.1

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO01	RO37
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO02	RO37
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO03	RO37
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	RO37
OPE TME	MIN 30 DAYS	1 YEAR	48 HOURS	RDEP005	RDEP003			RREPO05	RO37
CHEM SPRAY		SEE REMARKS		RDEP005				RREPO05	RO37
AGING									RO37
SUBMERGENC	N/A								RO37

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 152 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1EPO40/ELECTRICAL PENETRATION E-40

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREP001	R039
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREP002	R039
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREP003	R039
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREP004	R039
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					R039
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005					RREP005	R039
AGING											R039
SUBMERGENC	N/A										R039
SUBMERGENC	N/A										R039

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A05B, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREP001 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREP002 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREP003 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREP005 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1EPO47/ELECTRICAL PENETRATION E-47

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE * QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005 RDEP007	SIMULTANEOUS	RREPO01	RO41	RO41
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	SIMULTANEOUS	RREPO02	RO41	RO41
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	SIMULTANEOUS	RREPO03	RO41	RO41
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	SEPERATE	RREPO04	RO41	RO41
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005		RREPO05	RO41	RO41
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005	SEE REMARKS	RREPO05	RO41	RO41
AGING									
SUBMURGNC	N/A								

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-230B
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG 100% FOR 10 SEC., 700 SEC., 10000 SEC. AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC. UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1EPO50/ELECTRICAL PENETRATION E-50

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO01	RO43
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO02	RO43
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO03	RO43
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	RO43
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					RO43
CHEM SPRAY		SEE REMARKS			RDEP005			SEE REMARKS		RREPO05	RO43
AGING											RO43
SUBMERGENC	N/A										RO43

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., 10000 SEC., 10000 SEC., 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1E053/ELECTRICAL PENETRATION E-53

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO01 R045	R045
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO02 R045	R045
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO03 R045	R045
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE		RREPO04 R045	R045
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003			RREPO05 R045	R045
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005			RREPO05 R045	R045
AGING								
SUBMERGENC	N/A							

DOCUMENTATION

RDEP003 D.G.O R IEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO.C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR, 299 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 10000 SEC., 100% FOR 1 HOUR AND 100% 48 HOURS.
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS.
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E9 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RH, RV

COMP/EQUIP 1EPO54/ELECTRICAL PENETRATION E-54

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEDUS			RREPO01	RO47
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEDUS			RREPO02	RO47
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEDUS			RREPO03	RO47
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	RO47
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003				RO47	
CHEM SPRAY		SEE REMARKS			RDEP005					RREPO05	RO47
AGING										RO47	
SUBMERGENC	N/A									RO47	

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX., /5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL, DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL, DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC
 COMP/EQUIP 1E057/ELECTRICAL PENETRATION E-57
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 2.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO01 R049
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005	SIMULTANEOUS		RREPO02 R049
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005	SIMULTANEOUS		RREPO03 R049
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005	RDEP003 SEPERATE		RREPO04 R049
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005	RDEP003		R049
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS		RREPO05 R049
AGING							R049
SUBMERGENC	N/A						R049

DOCUMENTATION

 RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QAO58, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX /5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO12/ELECTRICAL PENETRATION E-12

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007	SIMULTANEOUS	.....	RREPO01 R051	R051
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP007	SIMULTANEOUS	.....	RREPO02 R051	R051
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP007	SIMULTANEOUS	.....	RREPO03 R051	R051
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE	.....	RREPO04 R051	R051
DPE TME MN	N/A	1 YEAR	48 HOURS	RDEP005 RDEP003		.....	RREPO14 R051	R051
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005		.....	RREPO05 R051	R051
AGING		SEE REMARKS	SEE REMARKS			.....	R051	R051
SUBMERGENC	N/A					.....	R051	R051

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE SHUTDOWN ACTUATION SERVICES.



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 1EPO60/ELECTRICAL PENETRATION E-60
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO01	R053
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO02	R053
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO03	R053
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE		RREPO04	R053
OPE TME MN	N/A	1 YEAR	48 HOURS		RDEP005	RDEP003			RREPO14	R053
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS		RREPO05	R053
AGING										R053
SUBMERGENC	N/A									R053

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA DR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI
 COMP/EQUIP 1EPO01/ELECTRICAL PENETRATION E-1
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 1.1

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05 RDEPO10	SIMULTANEOUS		RREPO01	R055
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05 RDEPO10	SIMULTANEOUS		RREPO02	R055
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05 RDEPO10	SIMULTANEOUS		RREPO03	R055
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05 RDEPO03	SEPERATE		RREPO04	R055
OPE TIME MN	N/A	1 YEAR	48 HOURS		RDEPO05 RDEPO03			RREPO14	R055
CHEM SPRAY		SEE REMARKS			RDEPO05			RREPO05	R055
AGING									R055
SUBMERGENC	N/A								R055

DOCUMENTATION
 RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C190A055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX., 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF .5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BURT/C ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE SHUTDOWN ACTUATION SERVICES.



QUALIFICATION DATA SHEET

SYSTEM IP

COMP/EQUIP 1EPO02/ELECTRICAL PENETRATION E-2

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

PARAMETER	PLANT DESIGN	IRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	RDEP005	RDEP006	SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	*****	RREPO06	R056
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	RDEP005	RDEP006	SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	*****	RREPO07	R056
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	RDEP005	RDEP006	SIMULTANEOUS	UDXX999 RDEP005 RDEP006 SIMULTANEOUS	*****	RREPO08	R056
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	UDXX999 RDEP005 RDEP003 SEPERATE	*****	RREPO04	R056
OPER TIME MN	LONG TIME	1 YEAR	49 HOURS		RDEP005	RDEP003		RDEP005 RDEP003	*****		R056
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005			RDEP005	*****	RREPO05	R056
AGING									*****		R056
SUBMERGENC	N/A								*****		R056

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP006 D.G.O'BRIEN REPORT NO. C190A051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

QUALIFICATION DATA SHEET

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OUTSTANDING ITEMS MARKS (CONTINUED)

RREPO08 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO03/ELECTRICAL PENETRATION E-3

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO01	RO57
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO02	RO57
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO03	RO57
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	RO57
OPER TIME	MN 30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003			RO57
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS	RREPO05	RO57
AGING									RO57
SUBMURGENT	N/A								RO57

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G.O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G.O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G.O'BRIEN LETTER TO E. CAMPBELL DATE, 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO05/ELECTRICAL PENETRATION E-5

MANUFACTURER D. G. O'BRIEN

MODEL SPARE

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999						RREPO13 R058
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999						RREPO13 R058
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999						RREPO13 R058
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999						RREPO13 R058
OPE TME MN		SEE REMARKS	SEE REMARKS								RREPO13 R058
CHEM SPRAY		SEE REMARKS	SEE REMARKS								RREPO13 R058
AGING		SEE REMARKS	SEE REMARKS								RREPO13 R058
SUBMURGNC	N/A	SEE REMARKS	SEE REMARKS								RREPO13 R058

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPAC. SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1FPO07/ELECTRICAL PENETRATION E-7

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO01	R059
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO02	R059
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO03	R059
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	R059
DPE TIME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					R059
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005					RREPO05	R059
AGING											R059
SUBMERGENC	N/A										R059

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 1EPO08/ELECTRICAL PENETRATION E-B
 MANUFACTURER D.G.D'BRIEN
 MODEL SPARE

PARAMETER	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL	METHOD			OUTST**
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999			RREPO13	R060
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDX)999			RREPO13	R060
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999			RREPO13	R060
RADIATION	ZONE C 1 2.OE08	SEE REMARKS	SEE REMARKS	UDXX999			RREPO13	R060
OPE TME MN		SEE REMARKS	SEE REMARKS				RREPO13	R060
CHEM SPRAY		SEE REMARKS	SEE REMARKS				RREPO13	R060
AGING		SEE REMARKS	SEE REMARKS				RREPO13	R060
SUBMURGENC	N/A	SEE REMARKS	SEE REMARKS				RREPO13	R060

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 1EPO09/ELECTRICAL PENETRATION E-9
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL		OUTST**	*** NO
TEMP DEG F ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEPO05 RDEPO07 SIMULTANEOUS	RREP001	R061
PRESS PSIA ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05 RDEPO07 SIMULTANEOUS	RREP002	R061
REL HUMID% ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05 RDEPO07 SIMULTANEOUS	RREP003	R061
RADIATION ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03 SEPERATE	RREP004	R061
OPE TME MN 30 DAYS	1 YEAR	48 HOURS	RDEPO05 RDEPO03		R061
CHEM SPRAY	SEE REMARKS	SEE REMARKS	RDEPO05 SEE REMARKS	RREP005	R061
AGING					R061
SUBMURGNC N/A					R061

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREP001 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 1000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREP002 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREP003 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREP004 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREP005 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO10/ELECTRICAL PENETRATION E 10

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG F	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO01 R062	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05	SIMULTANEOUS	RREPO02 R062	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05	SIMULTANEOUS	RREPO03 R062	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05	SEPERATE	RREPO04 R062	
OPR TME MN	30 DAYS	1 YEAR	48 HOURS	RDEPO05	RDEPO03	R062	
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS	RREPO05 R062	
AGING						R062	
SUBMURGNC	N/A					R062	

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G.O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI
 COMP/EQUIP 1EPO11/ELECTRICAL PENETRATION E-11
 MANUFACTURER D. G. O'BRIEN
 MODEL TYPE 1.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP010	SIMULTANEOUS	RREPO01 R063	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP010	SIMULTANEOUS	RREPO02 R063	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP010	SIMULTANEOUS	RREPO03 R063	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE	RREPO04 R063	
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003		R063	
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	RREPO05 R063	
AGING						R063	
SUBMERGENC	N/A					R063	

DOCUMENTATION

RDEP003 D. G. O'BRIEN REPORT NO ER-192
 RDEP005 SARGENT & LUNDY SPEC JO. X-2308
 RDEP010 D. G. O'BRIEN TEST REPORT NO. C190A055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E8 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO13/ELECTRICAL PENETRATION E-13

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 5.2

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	270 DEG. F	UDXX999	RDEPO05	RDEPO11	SIMULTANEOUS			RREPO01	RO64
PRESS PSIA	ZONE C 1 62	SEE REMARKS	52 PSIG	UDXX999	RDEPO05	RDEPO11	SIMULTANEOUS			RREPO02	RO64
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO11	SIMULTANEOUS			RREPO03	RO64
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE			RREPO04	RO64
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03					RO64
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05					RREPO05	RO64
AGING											RO64
SUBMERGENC	N/A										RO64

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO11 D.G.O'BRIEN TEST REPORT NO. C19QA062
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.

ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPC14/ELECTRICAL PENETRATION E-14

MANUFACTURER D. G. O'BRIEN

MODEL SPARE

ACCURACY	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE * PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST **	REMARKS COMP *** NO
PARAMETER	PLANT DESIGN					
TEMP DEG F	ZONE C 1 271	SEE REMARKS	UDXX999			RREPO13 R065
PRESS PSIA	ZONE C 1 62	SEE REMARKS	UDXX999			RREP\ 3 R065
REL HUMID%	ZONE C 1 100	SEE REMARKS	UDXX999			RREPO13 R065
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	UDXX999			RREPO13 R065
OPE TME MN		SEE REMARKS				RREPO13 R065
CHEM SPRAY		SEE REMARKS				RREPO13 R065
AGING		SEE REMARKS				RREPO13 R065
SUBMERGENC	N/A	SEE REMARKS				RREPO13 R065

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

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QUALIFICATION DATA SHEET

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SYSTEM CI
 COMP/EQUIP 1EPO18/ELECTRICAL PENETRATION E-18
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP010	SIMULTANEOUS		RREPO01	R066
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP010	SIMULTANEOUS		RREPO02	R066
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEP005	RDEP010	SIMULTANEOUS		RREPO03	R066
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE		RREPO04	R066
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEP005	RDEP003				R066
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS		RREPO05	R066
AGING										R066
SUBMURGNC N/A										R066

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP010 D.G. O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO19/ELECTRICAL PENETRATION E-19

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO01	RO67
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXXS99	RDEP005	RDEP007	SIMULTANEOUS	RREPO02	RO67
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO03	RO67
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE09 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	RO67
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003			RO67
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005			RREPO05	RO67
AGING									RO67
SUBMERGENC	N/A								RO67

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G.O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG F FOR 10 SEC., 243 DEG F FOR 700 SEC., 162 DEG F FOR 10000 SEC., 150 DEG F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG F FOR 1 HOUR, 271 DEG F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO20/ELECTRICAL PENETRATION E-20

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO01 R068	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO02 R068	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP007	SIMULTANEOUS		RREPO03 R068	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE		RREPO04 R068	
OPR TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003			R068	
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS		RREPO05 R068	
AGING							R068	
SUBMERGENC	N/A						R068	

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G.O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCE: CS. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. /5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI
 COMP/EQUIP 1EPO23/ELECTRICAL PENETRATION E-23
 MANUFACTURER D. G. O'BRIEN
 MODEL SPARE

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZON C 1 271	SEE REMARKS	SEE REMARKS	PLT DES SPEC UDXX999	UDXX999	*****	RREPO13 R069
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999	*****	RREPO13 R069
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999	*****	RREPO13 R069
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999	*****	RREPO13 R069
OPE TME MN		SEE REMARKS	SEE REMARKS			*****	RREPO13 R069
CHEM SPRAY		SEE REMARKS	SEE REMARKS			*****	RREPO13 R069
AGING		SEE REMARKS	SEE REMARKS			*****	RREPO13 R069
SURMERGENC	N/A	SEE REMARKS	SEE REMARKS			*****	RREPO13 R069

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO24/ELECTRICAL PENETRATION E-24

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 2.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005	RDEP007 SIMULTANEOUS			RREPO01 R070	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005	RDEP007 SIMULTANEOUS			RREPO02 R070	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005	RDEP007 SIMULTANEOUS			RREPO03 R070	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005	RDEP003 SEPERATE			RREPO04 R070	
DPE TME MIN	N/A	1 YEAR	48 HOURS	RDEP005	RDEP003			RREPO14 R070	
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005				RREPO05 R070	
AGING									R070
SUBMERGENC	N/A								R070

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.

RREPO02 22 PSIG / R 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG 100% FOR 0 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS

RREPO03 1 YEAR PLST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD, 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.

RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (H 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.

ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE SHUTDOWN ACTUATION SERVICES.



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO28/ELECTRICAL PENETRATION E-28

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP ***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO01	R071
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02	R071
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03	R071
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R071
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R071
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R071
AGING									R071
SUBMERGENC	N/A								R071

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO ER-192

RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308

RDEPO10 D.G.O'BRIEN TEST REPORT NO. C190A055

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.

RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS

RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.

RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.

ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO29/ELECTRICAL PENETRATION E-29

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005 RDEP007	SIMULTANEOUS	RREPO01	RO72
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	SIMULTANEOUS	RREPO02	RO72
REL HUMID% ZON.	C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	SIMULTANEOUS	RREPO03	RO72
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	SEPERATE	RREPO04	RO72
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005			RO72
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		RREPO05	RO72
AGING								RO72
SUBMERGENC	N/A							RO72

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG., FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 1 HOUR, 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC., 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10. IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO30/ELECTRICAL PENETRATION E-30

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

ACCURACY

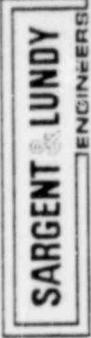
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007	SIMULTANEOUS	RREPO01 R073	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP007	SIMULTANEOUS	RREPO02 R073	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP007	SIMULTANEOUS	RREPO03 R073	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE	RREPO04 R073	
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003		R073	
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	RREPO05 R073	
AGING						R073	
SUBM	'GENC N/A					R073	

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G.O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO31/ELECTRICAL PENETRATION E-31

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG F	UDXX999	RDEP005	RDEP010	SIMULTANEOUS			RREPO01	R074
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP010	SIMULTANEOUS			RREPO02	R074
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP010	SIMULTANEOUS			RREPO03	R074
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	R074
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					R074
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005					RREPO05	R074
AGING											R074
SUBMURGENCE	N/A										R074

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP010 D.G. O'BRIEN TEST REPORT NO. C190A055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 1EPO32/ELECTRICAL PENETRATION E-32
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO01	R075
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO02	R075
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO03	R075
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	R075
OPE TME MN	1 YEAR	1 YEAR	48 HOURS		RDEP005	RDEP003			R075
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS	RREPO05	R075
AGING									R075
SUBMERGENC	N/A								R075

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 1EPO33/ELECTRICAL PENETRATION E-33
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 2.3

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO01	R076
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO02	R076
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO03	R076
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE		RREPO04	R076
GPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003				R076
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS		RREPO05	R076
AGING										R076
SUBMURGENC	N/A									R076

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 70% SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CT

COMP/EQUIP 1EPO35/ELECTRICAL PENETRATION E-35

MANUFACTURER D. G. O'BRIEN

MODEL SPARE

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999					RREPO13	RO77
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999					RREPO13	RO77
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999					RREPO13	RO77
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999					RREPO13	RO77
OPE TME MN		SEE REMARKS	SEE REMARKS							RREPO13	RO77
CHEM SPRAY		SEE REMARKS	SEE REMARKS							RREPO13	RO77
AGING		SEE REMARKS	SEE REMARKS							RREPO13	RO77
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS							RREPO13	RO77

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO36/ELECTRICAL PENETRATION E-36

MANUFACTURER D. G. O'BRIEN

MODEL SPARE

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	PLI DES SPEC UDXX999	UDXX999	RREPO13 R078	*** NO RREPO13 R078
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999	RREPO13 R078	RREPO13 R078
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999	RREPO13 R078	RREPO13 R078
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999	UDXX999	RREPO13 R078	RREPO13 R078
OPE TME MN		SEE REMARKS	SEE REMARKS			RREPO13 R078	RREPO13 R078
CHEM SPRAY		SEE REMARKS	SEE REMARKS			RREPO13 R078	RREPO13 R078
AGING		SEE REMARKS	SEE REMARKS			RREPO13 R078	RREPO13 R078
SUBMURGNC	N/A	SEE REMARKS	SEE REMARKS			RREPO13 R078	RREPO13 R078

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO37/ELECTRICAL PENETRATION E-37

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREP001	R079
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREP002	R079
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREP003	R079
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREP004	R079
OPER TIME	MN 30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					R079
CHEM SPRAY	SEE REMARKS	SEE REMARKS	SEE REMARKS		RDEP005					RREP005	R079
AGING											R079
SUBMERGENCE	N/A										R079

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREP001 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREP002 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR, 100% FOR 1 HOUR AND 100% 48 HOURS
 RREP003 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD.
 RREP004 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREP005 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO38/ELECTRICAL PENETRATION E-38

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP010	SIMULTANEDUS	RREPO01	RO80
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP010	SIMULTANEDUS	RREPO02	RO80
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP010	SIMULTANEDUS	RREPO03	RO80
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE	RREPO04	RO80
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003			RO80
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	RREPO05	RO80
AGING							RO80
SUBMERGENC	N/A						RO80

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP010 D.G.O'BRIEN TEST REPORT NO. C190A055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.

ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-CJ
 REVISION 2
 DATE 2. 0

SYSTEM CI
 COMP/EQUIP 1EPO39/ELECTRICAL PENETRATION E-39
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS COMP	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	ROB1	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	ROB1	
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	ROB1	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	ROB1	
OPE TME MN		SEE REMARKS	SEE REMARKS					RREPO13	ROB1	
CHEM SPRAY		SEE REMARKS	SEE REMARKS					RREPO13	ROB1	
AGING		SEE REMARKS	SEE REMARKS					RREPO13	ROB1	
SUBMURGNC	N/A	SEE REMARKS	SEE REMARKS					RREPO13	ROB1	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO41/ELECTRICAL PENETRATION E-41

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005	RDEP010 SIMULTANEOUS	RREPO01	R082	R082
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005	RDEP010 SIMULTANEOUS	RREPO02	R082	R082
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005	RDEP010 SIMULTANEOUS	RREPO03	R082	R082
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005	RDEP003 SEPERATE	RREPO04	R082	R082
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005	RDEP003	RREPO05	R082	R082
CHEM SPRAY	SEE REMARKS	SEE REMARKS	SEE REMARKS	RDEP005	SEE REMARKS	RREPO05	R082	R082
AGING								
SUBMERGENC	N/A							

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP010 D.G.O'BRIEN TEST REPORT NO. C190A055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 D.G.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 10000 SEC. AND 10000 SEC. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC. AND 10000 SEC. AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E8 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO42/ELECTRICAL PENETRATION E-42

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO01	ROB3
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO02	ROB3
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO03	ROB3
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	ROB3
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					ROB3
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005					RREPO05	ROB3
AGING											ROB3
SUBMERGENC	N/A										ROB3

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G.O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO43/ELECTRICAL PENETRATION E-43

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP
TEMP DEG F	ZONE C	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007 SIMULTANEOUS	UDXX999 RDEP007 SIMULTANEOUS	RREPO01 RO84	RO84
PRESS PSIA	ZONE C 1 62	SEE REMARKS	45 PSIG	UDXX999 RDEP005 RDEP007 SIMULTANEOUS	UDXX999 RDEP007 SIMULTANEOUS	RREPO02 RO84	RO84
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP007 SIMULTANEOUS	UDXX999 RDEP007 SIMULTANEOUS	RREPO03 RO84	RO84
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003 SEPERATE	UDXX999 RDEP003 SEPERATE	RREPO04 RO84	RO84
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEP005 RDEP003	RDEP005 RDEP003	RREPO05 RO84	RO84
CHEM SPRAY	SEE REMARKS	SEE REMARKS	SEE REMARKS	RDEP005	RDEP005	RREPO05 RO84	RO84
AGING	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	SEE REMARKS	RO84	RO84
SUBMERGENC	N/A						

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR. 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX., 75 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR. 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.

ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO44/ELECTRICAL PENETRATION E-44

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 2.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO01	ROB5
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO02	ROB5
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS			RREPO03	ROB5
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	ROB5
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					ROB5
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005			SEE REMARKS		RREPO05	ROB5
AGING											ROB5
SUBMERGENC	N/A										ROB5

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G.O'BRIEN REPORT NO. C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD. 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD. 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO48/ELECTRICAL PENETRATION E-48

MANUFACTURER D.G.O'BRIEN

MODEL TYPE 1.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP010	SIMULTANEOUS			RREPO01	RO86
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP010	SIMULTANEOUS			RREPO02	RO86
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP010	SIMULTANEOUS			RREPO03	RO86
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE			RREPO04	RO86
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003					RO86
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005					RREPO05	RO86
AGING											RO86
SUBMERGENC	N/A										RO86

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP010 D.G.O'BRIEN TEST REPORT NO. C190A055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.

ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1EPO58/ELECTRICAL PENETRATION E-58

MANUFACTURER D.G.O'BRIEN

MODEL SPARE

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999						RREPO13	RO87
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999						RREPO13	RO87
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999						RREPO13	RO87
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999						RREPO13	RO87
OPE TME MN		SEE REMARKS	SEE REMARKS							RREPO13	RO87
CHEM SPRAY		SEE REMARKS	SEE REMARKS							RREPO13	RO87
AGING		SEE REMARKS	SEE REMARKS							RREPO13	RO87
SUBMURGNC	N/A	SEE REMARKS	SEE REMARKS							RREPO13	RO87

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1LP37/PRESS. HEATER CONTROL GROUP B DISTRIBUTION PANEL

MANUFACTURER WESTINGHOUSE

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPOO4	TDLPOO7	SEE OUTST ITEMS	TDLPOO4	TOLPOO4	T021
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPOO4	TDLPOO7	SEE OUTST ITEMS	TDLPOO4	TOLPOO4	T021
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPOO4	TDLPOO7	SEE OUTST ITEMS	TDLPOO4	TOLPOO4	T021
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPOO4	TDLPOO7	SEE OUTST ITEMS	TDLPOO4	TOLPOO4	T021
OPE TIME MN										T021
CHEM SPRAY										T021
AGING										T021
SUBMERGENC										T021

DOCUMENTATION

TDLPOO4 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPOO7 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TDLPOO4 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC
 COMP/EQUIP 1LP38/PRESS. HEATER BACKUP GROUP A DISTRIBUTION PANEL
 MANUFACTURER WESTINGHOUSE

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	RKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO04	*** NO T023
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO04	T023
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO04	T023
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO04	T023
OPE TME MN										T023
CHEM SPRAY										T023
AGING										T023
SUBMERGENC										T023

DOCUMENTATION

TDLPO04 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED.
 FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR
 A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION
 DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1LP39/PRESS. HEATER BACKUP GROUP C DISTRIBUTION PANEL

MANUFACTURER WESTINGHOUSE

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO04 TDLPO07 SEE OUTST ITEMS	SEE OUTST ITEMS	TOLPO04	T025
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO04 TDLPO07 SEE OUTST ITEMS	SEE OUTST ITEMS	TOLPO04	T025
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO04 TDLPO07 SEE OUTST ITEMS	SEE OUTST ITEMS	TOLPO04	T025
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO04 TDLPO07 SEE OUTST ITEMS	SEE OUTST ITEMS	TOLPO04	T025
OPE TME MN							T025
CHEM SPRAY							T025
AGING							T025
SUBMERGENC							T025

DOCUMENTATION

TDLPO04 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1LP40/PRESS. HEATER TERMINAL CABINET. GROUP A&B DISTRIBUTION PANEL

MANUFACTURER FISCHBACH-HATFIELD

MODEL B/M NO. C-131

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T027
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T027
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T027
RADIATION	ZONE C 1 2-0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T027
OPE TME	MN									T027
CHEM	SPRAY									T027
AGING										T027
SUBMERGENC										T027

DOCUMENTATION

TDLPO04 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED.
 FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

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QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1X-1000/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM19

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001	WDRM003 SEE OUTST ITEMS	WORM001	WDRM001 WDRM001 W007	W007
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001	WDRM003 SEE OUTST ITEMS	WORM001	WDRM001 WDRM002 W007	W007
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001	WDRM003 SEE OUTST ITEMS	WORM001	WDRM001 WDRM003 W007	W007
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001	WDRM003 SEE OUTST ITEMS	WORM001	WDRM001 WDRM004 W007	W007
OPE TME MN								W007
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRM001	WDRM003 SEE OUTST ITEMS	WORM001	WDRM001 WDRM005 W007	W007
AGING								W007
SUBMERGENC								W007

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRM001 SARGENT & LUNDY SPEC. NO. X-2313
 WDRM003 A LETTER WILL BE WRITTEN BY CECD TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRM001 A LETTER WILL BE WRITTEN BY CECD TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WDRM001 SPECIFICATION: NORMAL AMBIENT TEMPERATURE = 120 DEG. F. POST LOCA TEMPERATURE = 271 DEG. F. THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WDRM002 SPECIFICATION: NORMAL PRESSURE = 0.1 TO 0.3 PSIG. POST LOCA PRESSURE = 47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WDRM003 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WDRM004 SPECIFICATION: POST LOCA RADIATION = 4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WDRM005 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

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 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM FW, MS

COMP/EQUIP 1X-1002/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM22

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM001 WO13		WRRM001 WO13
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM002 WO13		WRRM002 WO13
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM003 WO13		WRRM003 WO13
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM004 WO13		WRRM004 WO13
OPEN TIME MN								WO13
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM005 WO13		WRRM005 WO13
AGING								WO13
SUBMERGENC								WO13

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRM001 SARGENT & LUNDY SPEC. NO. X-2313
 WDRM003 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WOP 001 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION
 WRRM001 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS. 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRM002 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS. 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRM003 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRM004 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS. 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRM005 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1X-1003/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1FM23

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	WORMOO1 WRRMOO1 WO15		NO
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	WORMOO1 WRRMOO2 WO15		NO
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	WORMOO1 WRRMOO3 WO15		NO
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3 SEE OUTST ITEMS	WORMOO1 WRRMOO4 WO15		NO
OPE TIME	MIN							WO15
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRMOO1 WDRMOO3 SEE OUTST ITEMS	WDRMOO1 WDRMOO3 SEE OUTST ITEMS	WORMOO1 WRRMOO5 WO15		WO15
AGING								WO15
SUBMERGENC								WO15

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE = 120 DEG. F. POST LOCA TEMPERATURE = 271 DEG. F THE FIRST 2.75 HOURS. 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE = 0.1 TO 0.3 PSIG. POST LOCA PRESSURE = 47 PSIG FOR THE FIRST 2.75 HOURS. 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION = 4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS. 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



PROJECT NUMBER 5165-00
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QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1X-1004/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM24

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO17
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO17
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO17
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO17
OPF TME MN											WO17
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS				WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	WO17
AGING											WO17
SUBMERGENC											WO17

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION
 WORMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM FW, MS

COMP/EQUIP 1X-1005/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM25

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WDRMOO1 WDRMOO1	WDRMOO1 WDRMOO1 WDRMOO1	WO19
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WDRMOO1 WDRMOO1	WDRMOO1 WDRMOO1 WDRMOO1	WO19
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WDRMOO1 WDRMOO1	WDRMOO1 WDRMOO1 WDRMOO1	WO19
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WDRMOO1 WDRMOO1	WDRMOO1 WDRMOO1 WDRMOO1	WO19
OPE TME	MN							WO19
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WDRMOO1 WDRMOO1	WDRMOO1 WDRMOO1 WDRMOO1	WO19
AGING								WO19
SUBMERGENC								WO19

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS. 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS. 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS. 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

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PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM FW, MS

COMP/EQUIP 1X-1007/...CTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM27

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM001 W023	SEE OUTST ITEMS	W023
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM002 W023	SEE OUTST ITEMS	W023
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM003 W023	SEE OUTST ITEMS	W023
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM004 W023	SEE OUTST ITEMS	W023
OPER TIME	MN							
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM005 W023	SEE OUTST ITEMS	W023
AGING								
SUBMERGENCE								

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRM001 SARGENT & LUNDY SPEC. NO. X-2313
 WDRM003 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORM001 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRM001 SPECIFICATION: NORMAL AMBIENT TEMPERATURE = 120 DEG. F. POST LOCA TEMPERATURE = 271 DEG. F. THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRM002 SPECIFICATION: NORMAL PRESSURE = 0.1 TO 0.3 PSIG. POST LOCA PRESSURE = 47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRM003 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRM004 SPECIFICATION: POST LOCA RADIATION = 4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRM005 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1X-1008/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM28

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM001 W025		*** NO
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM002 W025		
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM003 W025		
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM004 W025		
OPE TME MN						W025		
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRM001 WDRM003	SEE OUTST ITEMS	WORM001 WRRM005 W025		
AGING						W025		
SUBMURGENC						W025		

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRM001 SARGENT & LUNDY SPEC. NO. X-2313
 WDRM003 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORM001 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRM001 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRM002 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRM003 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRM004 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRM005 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM FW, MS

COMP/EQUIP 1X-1010/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM30

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	METHOD	OUTST**	REMARKS	COMP NO	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRM001	WDRM003	SEE OUTST ITEMS	SEE OUTST ITEMS	WORM001	WRRM001	W029	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRM001	WDRM003	SEE OUTST ITEMS	SEE OUTST ITEMS	WORM001	WRRM002	W029	
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRM001	WDRM003	SEE OUTST ITEMS	SEE OUTST ITEMS	WORM001	WRRM003	W029	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRM001	WDRM003	SEE OUTST ITEMS	SEE OUTST ITEMS	WORM001	WRRM004	W029	
OPE TIME MN												
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS				WDRM001	WDRM003	SEE OUTST ITEMS	WORM001	WRRM005	W029
AGING												
SUBMERGENC												

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRM001 SARGENT & LUNDY SPEC. NO. X-2313
 WDRM003 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRM001 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRM001 SPECIFICATION: NORMAL AMBIENT TEMPERATURE = 120 DEG. F. POST LOCA TEMPERATURE = 271 DEG. F. THE FIRST 2.75 HOURS. 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRM002 SPECIFICATION: NORMAL PRESSURE = 0.1 TO 0.3 PSIG. POST LOCA PRESSURE = 47 PSIG FOR THE FIRST 2.75 HOURS. 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRM003 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRM004 SPECIFICATION: POST LOCA RADIATION = 4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS. 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRM005 SPECIFICATION: NORMAL HUMIDITY = 50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



PROJECT NUMBER 6155-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1X-1012/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM32

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO1	W031
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WLRMOO2	W031
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO3	W031
RADIATION	ZONE C 1 2-0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	SEE OUTST ITEMS	WORMOO1	WRRMOO4	W031
OPE TME MN											W031
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS				WDRMOO1	WDRMOO3	WORMOO1	WRRMOO5	W031
AGING											W031
SUBMURGENC											W031

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

JUSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1X-1013/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM33

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WRRMOO1 W033	*** NO
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WRRMOO2 W033	
REL HUMID% 24hr	C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WRRMOO3 W033	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WRRMOO4 W033	
DPE IMF MN							W033
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS	WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1 WRRMOO5 W033	
AGING							W033
SUBMERGENC							W033

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS. 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS. 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS. 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1X-1014/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 1RM34

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WDRMOO1 WDRMOO1 WDRMOO1 WDRMOO1	W035
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	SEE OUTST ITEMS	WDRMOO1	WDRMOO1 WDRMOO2	W035
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WDRMOO1 WDRMOO3	W035
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WDRMOO1 WDRMOO4	W035
OPE TME MN									W035
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1 WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WDRMOO1 WDRMOO5	W035
AGING									W035
SUBMERGENC									W035

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WDRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WDRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WDRMOO3. SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NADH). PH WILL RANGE FROM 8.5 TO 10
 WDRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WDRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NADH). PH WILL RANGE FROM 8.5 TO 10



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC, VC
 COMP/EQUIP 1R80084/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X001
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X001
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X001
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X001
OPE TIME MN								X001
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X001
AGING								X001
SUBMERGENC								X001

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1RBO094/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENTAL SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP	ND
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X002	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X002	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X002	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X002	
OPE TIME	MN										X002	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X002	
AGING											X002	
SUBMERGENC											X002	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1R8009B/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X003
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X003
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X003
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X003
OPE TME MN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X003
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X003
AGING		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X003
SUBMURGENC		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X003

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1P80099/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

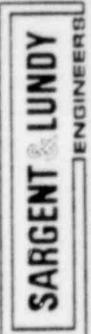
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X004
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X004
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X004
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X004
OPE TIME MN							X004
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X004
AGING							X004
SUBMERGENCE							X004

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1R80100/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001	X005
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002	X005
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003	X005
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004	X005
OPE TME MW							X005
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB005	X005
AGING							X005
SUBMERGENC							X005

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1R80102/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X006
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X006
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X006
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X006
OPE TIME MN										X006
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005		X006
AGING										X006
SUBMERGENC										X006

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1R80103/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X007
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X007
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X007
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X007
OPE TME MN							X007
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X007
AGING							X007
SUBMERGENC							X007

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1R80113/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	*** NO X008
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X008
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X008
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X008
OPE TME MN							X008
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X008
AGING							X008
SUBMERGENC							X008

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1RBO173/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XDRB001	X009
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XDRB002	X009
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XDRB003	X009
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XDRB004	X009
OPE TME MN								X009
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XDRB005	X009
AGING								X009
SUBMERGENC								X009

DOCUMENTATION

 UDX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1R80174/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	*** NO
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X010
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X010
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X010
OPE TME MN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X010
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X010
AGING		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X010
SUBMERGENC		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X010

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM VC
 COMP/EQUIP 1RBO175/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	*** NO ***** X011
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X011
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X011
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X011
OPE TME MN							X011
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X011
AGING							X011
SUBMERGENC							X011

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1R0228/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X012
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X012
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X012
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X012
OPE TME MN							X012
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X012
AGING							X012
SUBMERGENC							X012

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1R80231/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X013
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X013
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SLE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X013
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X013
OPER TIME MN							X013
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X013
AGING							X013
SUBMERGENC							X013

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1R0234/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE LJTST ITEMS	XORB001		XO14
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		XO14
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		XO14
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		XO14
DPE TME	MN							XO14
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		XO14
AGING								XO14
SUBMERGENCE								XO14

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1R80226/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X015
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X015
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X015
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X015
OPE TIME MN							X015
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X015
AGING							X015
SUBMERGENC							X015

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

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 REVISION 2
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SYSTEM VC
 COMP/EQUIP 1R80238/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	OUTST**	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001	XO16	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002	XO16	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003	XO16	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004	XO16	
OPE TME MN									XO16	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005	XO16	
AGING									XO16	
SUBMURGENC									XO16	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 1RB0021/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
PLANT DESIGN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001		X079
TEMP DEG F ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001		X079
PRESURE PSIA ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X079
REL HUMIDITY ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X079
RADIATION ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X079
OPE TIME MN							X079
CHEM SPRAY	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X079
AGING							X079
SUBMERGENC							X079

DOCUMENTATION**

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RV
 COMP/EQUIP 1R0022/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	SEE OUTST ITEMS	XORB001	*** NO
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	SEE OUTST ITEMS	XORB002	XORB0
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	SEE OUTST ITEMS	XORB003	XORB0
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	SEE OUTST ITEMS	XORB004	XORB0
OPE TME MN							XORB005	XORB0
CHEM SPRAY								XORB0
AGING								XORB0
SUBMERGENC								XORB0

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RV
 COMP/EQUIP 1R0023/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	XOB1
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	XOB1
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	XOB1
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	XOB1
OPE TIME MIN							XOB1
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	XOB1
AGING							XOB1
SUBMERGENC							XOB1

DOCUMENTATION

 UDX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDR001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDR002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDR001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDR002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDR003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDR004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDR005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RV
 COMP/EQUIP 1R80024/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XDRB001	XDRB001		X082
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	XDRB002		X082
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XDRB003	XDRB003		X082
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XDRB004	XDRB004		X082
OPE TME MN										X082
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	XDRB005	XDRB005		X082
AGING										X082
SUBMURGEC										X082

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 1R0025/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

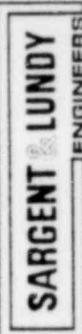
PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
PLANT DESIGN	SPECIFICATION	SEE OUTST ITEMS	PLT DES SPEC	QUAL	XDRB001	*****	X083
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
RADIATION	ZONE C 1 2-0E08	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
OPE TME MN		SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
CHEM SPRAY		SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
AGING		SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083
SUBMERGENC		SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS		X083

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RV
 COMP/EQUIP 1R80160/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRG002	SEE OUTST ITEMS	XDRB001		X084
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X084
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X084
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X084
DPE TIME MN								X084
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X084
AGING								X084
SUBMERGENC								X084

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RH

COMP/EQUIP 1R0313/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

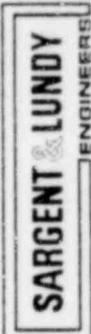
PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	***	ND
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X090
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X090
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X090
DPE TME	MN							X090
CHEM	SPRAY	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X090
AGT	4G							X090
SUBMERGENC								X090

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RH

COMP/EQUIP 1RB0314/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
			PLT DES	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB001	X091
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	X091
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB003	X091
RADIATION	ZONE C 1 2.0E09	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB004	X091
OPE TME MN								X091
CHEM SPRAY		SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB005	X091
AGING								X091
SUBMERGENC								X091

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RH

COMP/EQUIP 1R80360/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X092
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X092
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X092
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X092
OPE TME MN										X092
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005		X092
AGING										X092
SUBMERGENC										X092

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80115/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X117
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X117
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X117
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X117
OPER TIME MN									XDRB005		X117
CHEM SPRAY											X117
AGING											X117
SUBMERGENCE											X117

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 18B0124/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X119
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X119
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X119
RADIATION	ZONE C 1 2.0508	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X119
OPE TIME MN							X119
CHEM SPRAY				UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X119
AGING							X119
SUBMERGENC							X119

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1RB0130/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP ***
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X121
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X121
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X121
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X121
OPE TME MN								X121
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X121
AGING								X121
SUBMERGENC								X121

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM 51

COMP/EQUIP 18B0131/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X123
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRF 02	SEE OUTST ITEMS	XDRB002	X123
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X123
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X123
OPE TME MN							X123
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X123
AGING							X123
SUBMERGENC							X123

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80132/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X125
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X125
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X125
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X125
OPE TME MN								X125
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005		X125
AGING								X125
SUBMERGENC								X125

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM S1

COMP/EQUIP 1R80133/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X127
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X127
REL HUMID	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X127
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X127
OPE TME MN							X127
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X127
AGING							X127
SUBMERGENC							X127

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP RB0229/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X130
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X130
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X130
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X130
OPE TME MN							X130
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X130
AGING							X130
SUBMERGENC							X130

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 18B0235/REACTOR BUILDING (CONTAINMENT) JUNCTION BCY

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X132
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X102
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X132
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X132
OPE TME MN								X132
CHEM SPRAY				UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X132
AGING								X132
SUBMERGENC								X132

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80307/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	***	X134
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X134
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X134
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X134
OPE TME MN								X134
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X134
AGING								X134
SUBMERGENC								X134

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM 51

COMP/EQUIP 1R80308/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	***	X136
PRESS PSIA	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	***	X136
REL HUMID%	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	***	X136
RADIATION	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	***	X136
OPE TIME MN								XDRB005	***	X136
CHEM SPRAY								XDRB005	***	X136
AGING								XDRB005	***	X136
SUBMERGENC								XDRB005	***	X136

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80309/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001		X138
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002		X138
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003		X138
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004		X138
OPE TME	MN								XORB005		X138
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB005		X138
AGING											X138
SUBMERGENC											X138

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1B80339/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X140
PRSS	PSIA ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X140
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X140
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X140
OPE TME	MN								XDRB005		X140
CHEM	SPRAY	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005		X140
AGING											X140
SUBMERGENC											X140

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80340/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X142
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X142
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X142
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X142
OPE TME MN							X142
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X142
AGING							X142
SUBMERGENC							X142

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80412/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X144
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X144
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X144
RADIATION	ZONE C 1 2.0F08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X144
OPE TME MN							X144
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X144
AGING							X144
SUBMERGENC							X144

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XORB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM S1

COMP/EQUIP 1R80414/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB001		X145
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002		X145
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB003		X145
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB004		X145
OPE TME MN											X145
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB005		X145
AGING											X145
SUBMERGENC											X145

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1R80415/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE * QUAL	QUALIFICATION METHOD	OUTST **	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X146
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X146
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X146
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X146
OPE TIME MN									X146
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X146
AGING									X146
SUBMERGENC									X146

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80007/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X158
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X158
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XCRB003	X158
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X158
OPE TME MN							X158
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X158
AGING							X158
SUBMERGENC							X158

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-60
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80079/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001	X163
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002	X163
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003	X163
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004	X163
OPE TME MN							X163
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB005	X163
AGING							X163
SUBMERGENC							X163

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

08/25/80 11:37



PROJECT NUMBER 6165-CO
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80080/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X 164
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X 164
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X 164
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X 164
OPE TME MN							X 164
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X 164
AGING							X 164
SUEMERGENC							X 164

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80081/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMA XS COMP *** NO
TEMP DEG F	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001	X165
PRESS PSIA	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002	X165
REL HUMID%	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003	X165
RADIATION	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004	X165
OPE TME MN						X165
CHEM SPRAY			UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB005	X165
AGING						X165
SUBMERGENCE						X165

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R0084/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X166
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X166
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X166
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X166
OPE TME	MN									X166
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X166
AGING										X166
SUBMERGENC										X166

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80083/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	XDRB001		X167
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	XDRB002		X167
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	XDRB003		X167
RADIATION	ZONE C 1 0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	XDRB004		X167
OPE TME MN											X167
CHEM SPRAY			SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XDRB002	XDRB005		X167
AGING											X167
SUBMERGENC											X167

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80085/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X168
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X168
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X168
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X168
OPER TIME MN							X168
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X168
AGING							X168
SUBMERGENCE							X168

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80086/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X169
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X169
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X169
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X169
OPE TME MN								X169
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X169
AGING								X169
SUBMERGENC								X169

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1RB0104/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X170
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X170
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X170
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X170
OPE TME MN							X170
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X170
AGING							X170
SUBMERGENC							X170

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1RB0106/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X171
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X171
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X171
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X171
OPE TME MN										X171
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X171
AGING										X171
SUBMERGENC										X171

DOCUMENTATION

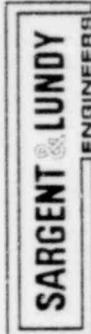
UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP RB0107/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE CJTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDRB001	X172
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDRB002	X172
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDRB003	X172
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDRB004	X172
OPE TME MN							X172
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X172
AGING							X172
SUBMERGENC							X172

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80111/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X173
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X173
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X173
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X173
OPE TME MN							X173
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X173
AGING							X173
SUBMERGENC							X173

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80112/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X174
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X174
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOU1	XDRBOU1	XDRB002	SEE OUTST ITEMS	XORB003		X174
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X174
OPE TME MN										X174
CHEM SPRAY				UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X174
AGING										X174
SUBMERGENC										X174

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80119/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X175
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X175
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X175
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X175
OPE TME MN								X175
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X175
AGING								X175
SUBMERGENC								X175

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R6012B/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X176
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBC	SEE OUTST ITEMS	XDRB002	X176
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X176
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X176
OPE TME MN							X176
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X176
AGING							X176
SUBMERGENC							X176

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP RB0129/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X177
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X177
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X177
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X177
OPE TME MN							X177
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005	X177
AGING							X177
SUBMERGENC							X177

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

ZOOTEM RC

COMP/EQUIP 1R80202/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001		X188
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X188
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X188
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X188
DPE TME	MN							X188
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X188
AGING								X188
SUBMERGENC								X188

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R0207/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REF.	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X189
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X189
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X189
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X189
OPE TME MN								X189
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X189
AGING								X189
SUPMURGENC								X189

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80208/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X190
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X190
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X190
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X190
OP TME MN											X190
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005		X190
AGING											X190
SUBMERGENC											X190

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80214/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X191
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X191
REL HUMIDIX	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X191
RADIATION	ZONE C 1 2 OE08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X191
OPE TME MN							X191
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X191
AGING							X191
SUBMERGENC							X191

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

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SYSTEM RC
 COMP/EQUIP 1RB0341/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X192
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X192
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X192
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X192
OPE TME MN										X192
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X192
AGING										X192
SUBMERCENC										X192

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80342/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X193
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X193
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X193
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X193
OPE TIME MN							X193
CHEM SPRAY				UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X193
AGING							X193
SUBMERGENC							X193

DOCUMENTATION

UDXX992 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80343/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001	X194
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002	X194
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003	X194
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004	X194
OPE TME MN									X194
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005	X194
AGING									X194
SUBMERGENC									X194

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM PC

COMP/EQUIP 1R80344/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X195
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X195
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X195
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X195
OPE TME MN										X195
CHEM SPRAY			SEE OUTST ITEMS	UDXX999 XDRB001	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X195
AGING										X195
SUBMURGENC										X195

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM PC
 COMP/EQUIP 1R80345/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X 196
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X 196
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X 196
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X 196
DPE TIME MW								X 196
CHEM SPRAY				UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X 196
AGING								X 196
SUBMERGENC								X 196

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XORB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1RB0346/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XORB001	** NO X197
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XORB002	X197
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XORB003	X197
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001	XDRB002 SEE OUTST ITEMS	XDRB001	XORB004	X197
OPE TME MN								X197
CHEM SPRAY								X197
AGING								X197
SUBMERGENC								X197

DOCUMENTATION

 UDX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80347/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR8001 XDR8002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDR8001	X198
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR8001 XDR8002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDR8002	X198
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR8001 XDR8002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDR8003	X198
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR8001 XDR8002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDR8004	X198
OPE TME MN							X198
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR8001 XDR8002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDR8005	X198
AGING							X198
SUBMERGENC							X198

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDR8001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDR8002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1RB0348/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001		X199
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002		X199
REL HUMIDITY	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003		X199
RADIATION	ZONE C 1 2.0E09	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004		X199
OPE TME MN										X199
CHEM SPRAY										X199
AGING										X199
SUBMERGENC										X199

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80422/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001		X205
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002		X205
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003		X205
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004		X205
OPE TME MN									XORB005		X205
CHEM SPRAY									XORB005		X205
AGING									XORB005		X205
SUBMERGENC									XORB005		X205

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80423/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X206
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X206
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X206
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X206
DPE TME MN							X206
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X206
AGING							X206
SUBMERGENC							X206

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80424/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB001	X207
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB002	X207
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB003	X207
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB004	X207
OPE TME MN							X207
CHEM SPRAY				UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XORB005	X207
AGING							X207
SUBMERGENC							X207

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM NR

COMP/EQUIP INR067/NUCLEAR INSTRUMENTATION- THERMOCOUPLE REF. TERMINAL BOX

MANUFACTURER

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNR001 XDNR002	SEE OUTST ITEMS	XDNR001	X420
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNR001 XDNR002	SEE OUTST ITEMS	XDNR002	X420
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNR001 XDNR002	SEE OUTST ITEMS	XDNR003	X420
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNR001 XDNR002	SEE OUTST ITEMS	XDNR004	X420
OPE TME MN								X420
CHEM SPRAY		SEE OUTST ITEMS	SEL OUTST ITEMS	UDXX999	XDNR001 XDNR002	SEE OUTST ITEMS	XDNR005	X420
AGING								X420
SUBMERGENC								X420

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDNR001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDNR002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDNR001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNR002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNR003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNR004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNR005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM NR
 COMP/EQUIP 1NR068/NUCLEAR INSTRUMENTATION- THERMOCOUPLE REF. TERMINAL BOX
 MANUFACTURER
 MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	SEE OUTST ITEMS	XDNROO1		X422
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	SEE OUTST ITEMS	XDNROO2		X422
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	SEE OUTST ITEMS	XDNROO3		X422
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	SEE OUTST ITEMS	XDNROO4		X422
OPER TIME MN											X422
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDX.999	XDNROO1	XDNROO2	SEE OUTST ITEMS	SEE OUTST ITEMS	XDNROO5		X422
AGING											X422
SUBMERGENC											X422

DOCUMENTATION

 UDX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDNROO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDNROO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDNROO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNROO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNROO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNROO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDNROO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1R80420/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	METHOD	QUALIFICATION	OUTST**	REMARKS	COMP	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	XDRB002	XDRB002	XDRB002	X576
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	XDRB002	XDRB002	XDRB002	X576
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	XDRB002	XDRB002	XDRB002	X576
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	XDRB002	XDRB002	XDRB002	X576
OPE TME MW													
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	XDRB002	XDRB002	XDRB002	X576
AGING													
SUBMERGENC													

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 12 TW PR. NO. 16, 600V CSPE-CSPE INSTRUMENT CABLE
 MANUFACTURER BOSTON INSULATED WIRE
 MODEL B/M NO. A104.6 AND A204.6

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999	ZDXA005	ZDXA006	SIMULTANEOUS			Z001
PRESS PSIA	ZONE C 1 62	47 PSIG	60 PSIG	UDXX999	ZDXA005	ZDXA006	SIMULTANEOUS			Z001
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA006	SIMULTANEOUS			Z001
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	2.0 X 10E8 RAD	UDXX999	ZDXA005	ZDXA006	SEPERATE			Z001
OPE TME MN										Z001
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA007	SIMULTANEOUS		ZRXA001	Z001
AGING										Z001
SUBMURGENC										Z001

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

OUTSTANDING ITEMS/REMARKS

ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 8 TW PR. NO. 16. 600V CSPE-CSPE INSTRUMENT CABLE
 MANUFACTURER BOSTON INSULATED WIRE
 MODEL B/M NO. A104.5 AND A204.5

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999 ZDXA005 ZDXA006 SIMULTANEOUS				Z002
PRESS PSIA ZONE C 1 62	47 PSIG	60 F-3IG	UDXX999 ZDXA005 ZDXA006 SIMULTANEOUS				Z002
REL HUMID% ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA006 SIMULTANEOUS				Z002
RADIATION ZONE C 1 2.0E08	1.2 X 10E8 RAD	2.0 X 10E8 RAD	UDXX999 ZDXA005 ZDXA006 SEPERATE				Z002
OPE TME MN							Z002
CHEM SPRAY	SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA007 SIMULTANEOUS				Z002
AGING							Z002
SUBMERGENC							Z002

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

OUTSTANDING ITEMS/REMARKS

 ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10



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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 4 TW PR. NO. 16, 600/ CSPE-CSPE INSTRUMENT CABLE
 MANUFACTURER BOSTON INSULATED WIRE
 MODEL B/M NO. A104.4 AND A204.4

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999 ZDXA005 ZDXA006	SIMULTANEOUS		*** NO Z003
PRESS PSIA	ZONE C 1 62	47 PSIG	60 PSIG	UDXX999 ZDXA005 ZDXA006	SIMULTANEOUS		Z003
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA006	SIMULTANEOUS		Z003
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	2.0 X 10EB RAD	UDXX999 ZDXA005 ZDXA006	SEPERATE		Z003
DPE TME MN							Z003
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA007	SIMULTANEOUS		ZRXA001 Z003
AGING							Z003
SUBMERGENC							Z003

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

OUTSTANDING ITEMS/REMARKS

 ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 2 TW PR. NO. 16, 600V CSPE-CSPE INSTRUMENT CABLE
 MANUFACTURER BOSTON INSULATED WIRE
 MODEL B/M NO. A104.3 AND A204.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999	ZDXA005	ZDXA006	SIMULTANEDUS				Z004
PRESS PSIA	ZONE C 1 62	47 PSIG	60 PSIG	UDXX999	ZDXA005	ZDXA006	SIMULTANEDUS				Z004
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA006	SIMULTANEDUS				Z004
RADIATION	ZONE C 1 2-0E08	1.2 X 10E8 RAD	2.0 X 10E8 RAD	UDXX999	ZDXA005	ZDXA006	SEPERATE				Z004
OPR TME MN											Z004
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA007	SIMULTANEDUS			ZRXA001	Z004
AGING											Z004
SUBMERGENC											Z004

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

OUTSTANDING ITEMS/REMARKS
 ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 3/C NC. 16. 600V CSPE-CSPE INSTRUMENT RTD CABLE
 MANUFACTURER BOSTON INSULATED WIRE
 MODEL B/M NO. A104.1 AND A204.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999	ZDXA005	ZDXA006	SIMULTANEOUS				Z005
PRESS PSIA	ZONE C 1 62	47 PSIG	60 PSIG	UDXX999	ZDXA005	ZDXA006	SIMULTANEOUS				Z005
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA006	SIMULTANEOUS				Z005
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	2.0 X 10E8 RAD	UDXX999	ZDXA005	ZDXA006	SEPERATE				Z005
OPE TME MN											Z005
CHEM SPRAY		SEE REMARKS	SEE REMARKS				ZDXA005 ZDXA007	SIMULTANEOUS		ZRXA001	Z005
AGING											Z005
SUBMURGENC											Z005

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 37B2-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

 OUTSTANDING ITEMS/REMARKS

 ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1 TW PR. NO. 16. 600V CSPE INSTRUMENT CABLE
 MANUFACTURER BOSTON INSULATED WIRE
 MODEL B/M NO. A104.2 AND A204.2

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	REMARKS
TEMP DEG F	ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999 ZDXA005 ZDXA006 SIMULTANEDUS	SIMULTANEDUS	Z006
PRESS PSIA	ZONE C 1 62	47 PSIG	60 PSIG	UDXX999 ZDXA005 ZDXA006 SIMULTANEDUS	SIMULTANEDUS	Z006
REL HUMID% ZONE C 1	100	100%	100%	UDXX999 ZDXA005 ZDXA006 SIMULTANEDUS	SIMULTANEDUS	Z006
RADIATION ZONE C 1	2.0E08	1.2 X 10EB RAD	2.0 X 10EB RAD	UDXX999 ZDXA005 ZDXA006 SEPERATE		Z006
OPE TME MN						Z006
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA007 SIMULTANEDUS		ZRXA001 Z006
AGING						Z006
SUBMURGENC						Z006

DOCUMENTATION
 UDXX999 J FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. 8901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. 8904

OUTSTANDING ITEMS/REMARKS
 ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1PR. NO. 20, T/C, CR/C, CSPE-CSPE THERMOCOUPLE CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODEL B/M NO. A105.1 AND A205.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	318 DEG. F	UDXX999 ZDXA005 ZDXA006	SIMULTANEDUS	.....	.....	Z007
PRESS PSIA	ZONE C 1 52	47 PSIG	60 PSIG	UDXX999 ZDXA005 ZDXA006	SIMULTANEDUS	.....	.....	Z007
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA006	SIMULTANEDUS	.....	.....	Z007
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	2.0 X 10EB RAD	UDXX999 ZDXA005 ZDXA006	SEPERATE	.....	.....	Z007
OPE TME MN								Z007
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA007	SIMULTANEDUS			ZRXA001 Z007
AGING								Z007
SUBMURGENC								Z007

DOCUMENTATION

UDX:999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 37B2-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

OUTSTANDING ITEMS/REMARKS

ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 4 PR. NO. 20, T/C, CR/C CSPE -CSPE THERMOCOUPLE CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODEL B/M NO. A105.2 AND A205 2

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 371	271 DEG. F	318 DEG. F	UDXX999 ZDXA005 ZDXA006	SIMULTANEOUS			Z008
PRESS PSIA	ZONE C 1 62	47 PSIG	60 PSIG	UDXX999 ZDXA005 ZDXA006	SIMULTANEOUS			Z008
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA006	SIMULTANEOUS			Z008
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	2.0 X 10E8 RAD	UDXX999 ZDXA005 ZDXA006	SEPERATE			Z008
OPE TME	MN							Z008
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA007	SIMULTANEOUS			ZRXA001 Z008
AGING								Z008
SUBMERGENC								Z008

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDXA007 BOSTON INSULATED WIRE REPORT NO. B904

OUTSTANDING ITEMS/REMARKS

ZRXA001 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5-10
 QUALIFICATION: BORIC ACID SOLUTION, PH 4-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 2/C NO. 20, 600V, K/K, CONTROL CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A103.5 AND A203.5

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	SIMULTANEDUS		Z009
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	SIMULTANEDUS		Z009
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	SIMULTANEDUS		Z009
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	1.2 X 10EB RAD	UDXX999 ZDXA005 ZDXA008 SEPERATE			Z009
OPF TIME MN							Z009
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008 SIMULTANEDUS			ZRXA002 Z009
AGING							Z009
SUBMURGENC							Z009

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 12/C NO. 14. 600V. K/K. CONTROL CABLE
 MANUFACTUER KERITE
 MODEL B/M NO. A103.7 AND A203.7

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	REFERENCE * QUAL	DOCUMENTATION	PLT DES	SPEC	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	271	271 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS				Z010
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS				Z010
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS				Z010
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	1.2 X 10EB RAD	UDXX999	ZDXA005	ZDXA008	SEPERATE				Z010
OPE TIME MN											Z010
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA008	SIMULTANEOUS			ZRXA002	Z010
AGING											Z010
SUBMURGENC											Z010

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS
 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 9/C NO. 14. 600V. K/K. CONTROL CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A103.R AND A203.B

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	271	271 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA008	SIMULTANEDUS	SIMULTANEDUS			Z011
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA008	SIMULTANEDUS	SIMULTANEDUS			Z011
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA008	SIMULTANEDUS	SIMULTANEDUS			Z011
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	1.2 X 10EB RAD	UDXX999	ZDXA005	ZDXA008	SEPERATE				Z011
OPETME MN											Z011
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA008	SIMULTANEDUS			ZRXA002	Z011
AGING											Z011
SUBMURGENC											Z011

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F C2737

OUTSTANDING ITEMS/REMARKS
 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5



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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 7/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.9 AND A203.9

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z012
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z012
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z012
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE		Z012
OPE TME MN							Z012
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS		ZRXA002 Z012
AGING							Z012
SUBMERGENC							Z012

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 4/C NO. 14, 600V, K/K, CONTROL CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A103.10 AND A203.10

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP R-G F ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005	ZDXA008	SIMULTANEDUS			2013
PRESS PSIA ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005	ZDXA008	SIMULTANEDUS			2013
REL HUMID% ZONE C 1 100	100%	100%	UDXX999 ZDXA005	ZDXA008	SIMULTANEDUS			2013
RADIATION ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005	ZDXA008	SEPERATE			2013
OPE TME MW								2013
CHEM SPRAY	SEE REMARKS	SEE REMARKS	ZDXA005	ZDXA008	SIMULTANEDUS			ZRXA002 2013
AGING								2013
SUBMERGENC								2013

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 3/C NO. 14. 600V. K/K. CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.11 AND A203.11

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008 SIMULTANEOUS	SIMULTANEOUS	OUTST** *** NO Z014
PRESS PSIA	ZONE C 1 62	47 PSIG	R2 PSIG	UDXX999 ZDXA005 ZDXA008 SIMULTANEOUS	SIMULTANEOUS	Z014
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008 SIMULTANEOUS	SIMULTANEOUS	Z014
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008 SEPERATE		Z014
OPE TME MN						Z014
CHEM SPRAY			SEE REMARKS	ZDXA005 ZDXA008 SIMULTANEOUS		ZRXA002 Z014
AGING						Z014
SUBMERGENC						Z014

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 2/C NO. 14, 600V, K/K, CONTROL CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A103.12 AND A203.12

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	271 DEG. F	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEDUS			Z015
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEDUS			Z015
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEDUS			Z015
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	1.2 X 10EB RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE			Z015
OPE TME MN								Z015
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEDUS		ZRXA002	Z015
AGING								Z015
SUBMERGENC								Z015

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS
 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.13 AND A203.13

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z016
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z016
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z016
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE			Z016
OPE TME MN								Z016
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS		ZRXA002	Z016
AGING								Z016
SUBMERCENC								Z016

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

ZDXA005 BILL OF MATERIAL NO. 3782-A

ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1/C NO. 750 MCM, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.1 AND A202.1

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT, QUALIFICATION	PLT UES SPEC QUAL	DOCUMENTATION REFERENCE * QUAL	METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z017
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z017
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z017
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE		Z017
OPE TME	MN						Z017
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS		ZRXA002 Z017
AGING							Z017
SUBMURGENC							Z017

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1/C NO. 500 MCM, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.2 AND A202.2

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z018
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z018
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z018
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE			Z018
DPE TME	MN							Z018
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS			ZRXXA002 Z018
AGING								Z018
SUBMERGENC								Z018

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1/C NO. 350 MCM, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.3 AND A202.3

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA008	SIMULTANEDUS	SIMULTANEDUS			Z019
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA008	SIMULTANEDUS	SIMULTANEDUS			Z019
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA008	SIMULTANEDUS	SIMULTANEDUS			Z019
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA008	SEPERATE				Z019
OPE TIME MN											Z019
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA008	SIMULTANEDUS			ZRXA002	Z019
AGING											Z019
SUBMERGENC											Z019

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1/C NO. 250 MCM. 600V. K/K, POWER CABLE
 MANUFACTUER KERITE
 MODEL B/M NO. A102.4 AND A202.4

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS		Z020
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS		Z020
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS		Z020
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA008	SEPERATE		Z020
OPE TME MN									Z020
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA008	SIMULTANEOUS	ZRXA002	Z020
AGING									Z020
SUBMERGENC									Z020

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZPXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 3/C NO. 4/O. 600V. K/K. POWER CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A102.7 AND A202.7

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	Z021	*** NO
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	Z021	
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	UDXX999 ZDXA005 ZDXA008 SIMULTANEDUS	Z021	
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	1.2 X 10EB RAD	UDXX999 ZDXA005 ZDXA008 SEPERATE	UDXX999 ZDXA005 ZDXA008 SEPERATE	Z021	
OPE TME	MN					Z021	
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008 SIMULTANEDUS	ZDXA005 ZDXA008 SIMULTANEDUS	ZRXA002 Z021	
AGING						Z021	
SUBMERGENC						Z021	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 7RXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5



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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1/C NO. 4/O. 600V. K/K. POWER CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A102.5 AND A202.5

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z022
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z022
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z022
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE		Z022
OPE TME MN							Z022
CHEM SPRAY			SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS		ZRYA002 Z022
AGING							Z022
SUBMERGENC							Z022

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 3/C NO. 1/O. 600V. K/K. POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.B AND A202.B

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z023
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z023
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS			Z023
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE			Z023
OPE TME	MN							Z023
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS		ZRXA002	Z023
AGING								Z023
SUBMERGENC								Z023

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1/C NO. 1/O, 600V, K/K, POWER CABLE
 MANUFACTUER KERITE
 MODEL B/M NO. A102.6 AND A202.6

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS		Z024
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS		Z024
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS		Z024
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA008	SEPERATE		Z024
OPE TME MN									Z024
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA008	SIMULTANEOUS	ZRXA002	Z024
AGING									Z024
SUBMERGENC									Z024

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 3/C NO. 2, 600V, K/K, POWER CABLE
 MANUFACTURER KERITE

MODEL B/M NO. A102.9 AND A202.9

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005	ZDXA008 SIMULTANEDUS		Z025
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005	ZDXA008 SIMULTANEDUS		Z025
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005	ZDXA008 SIMULTANEDUS		Z025
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005	ZDXA008 SEPERATE		Z025
DPE TIME MN							Z025
CHEM SPRAY		S-E REMARKS	SEE REMARKS	ZDXA005	ZDXA008 SIMULTANEDUS		ZRXA002 Z025
AGING							Z025
SUBMERGENC							Z025

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1/C NO. 2, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.14 AND A202.14

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS	***** DUTST**	Z026
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z026
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEOUS		Z026
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE		Z026
OPE TME MN							Z026
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEOUS		ZRXA002 Z026
AGING							Z026
SUBMURGENC							Z026

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 3/C NO. 6. 600V. K/K. POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.10 AND A202.10

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS	UDXX999	ZDXA005	ZDXA008	Z027
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS	UDXX999	ZDXA005	ZDXA008	Z027
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA008	SIMULTANEOUS	UDXX999	ZDXA005	ZDXA008	Z027
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA008	SEPERATE	UDXX999	ZDXA005	ZDXA008	Z027
OPE TME MN											Z027
CHEM SPRAY											ZRXA002 Z027
AGING											Z027
SUBMERGENC											Z027

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1/C NO. 6, 600V, K/K, POWER CABLE
 MANUFACTURER KERITE
 MODEL B/M NO. A102.15 AND A202.15

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA008	SIMULTANEDUS			Z028
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA008	SIMULTANEDUS			Z028
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA008	SIMULTANEDUS			Z028
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA008	SEPERATE			Z028
DPE TME	MN							Z028
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA008	SIMULTANEDUS		ZRXA002	Z028
AGING								Z028
SUBMURGENC								Z028

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP CABLE SPLICES FOR BOSTON INSULATED WIRE CABLES
 MANUFACTURER RAYCHEM

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	217 DEG. F	298 DEG. F	UDXX999		ZDXB003	SIMULTANEOUS			Z030
PRESS PSIA	ZONE C 1 62	47 PSIG	54 PSIG	UDXX999		ZDXB003	SIMULTANEOUS			Z030
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999		ZDXB003	SIMULTANEOUS			Z030
RADIATION	ZONE C 1 2.0E08	1.2 X 10E8 RAD	2 X 10E8 RAD	UDXX999		ZDXB001	SEPERATE			Z030
DPE TME MN										Z030
CHEM SPRAY				UDXX999					ZRXB001	Z030
AGING										Z030
SUBMERGENC										Z030

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXB001 RADIATION QUALIFIED BY PUBLISHED DATA D.G.O'BRIEN REPORTS NO. ER-192 AND NO. ER-272
 ZDXB003 D.G.O'BRIEN CABLE SPLICE REPORTS NO. ER-272 & ER-192

OUTSTANDING ITEMS/REMARKS

ZRXB001 SPECIFICATION: 3000 PPM BORIC ACID SOLUTION, PH 10
 QUALIFICATION: 3000 PPM BORIC ACID SOLUTION, PH 9.5-10

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP CABLES SPLICES FOR KERITE CABLES
 MANUFACTURER KERITE

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE C 1 271	271 DEG. F	325 DEG. F	UDXX999	ZDXB004 SIMULTANEOUS		Z031
PRESS PSIA	ZONE C 1 62	47 PSIG	82 PSIG	UDXX999	ZDXB004 SIMULTANEOUS		Z031
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXB004 SIMULTANEOUS		Z031
RADIATION	ZONE C 1 2.0E08	1.2 X 10EB RAD	1.2 X 10EB RAD	UDXX999	ZDXB004 SEPERATE		Z031
OPE TME MN							Z031
CHEM SPRAY			SEE REMARKS	UDXX999	ZDXB004		ZRXB002 Z031
AGING			SEE REMARKS				Z031
SUBMERGENC							Z031

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXB004 FRANKLIN INSTITUTE REPORT F-C2737

OUTSTANDING ITEMS/REMARKS

 ZRXB002 SPECIFICATION: 3000 PPM BORIC ACID SOLUTION, PH 10
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1/C-1500 MCM, 5KV, K/K POWER CABLE
 MANUFACTURER KERITE
 MODEL BILL OF MATERIAL NO. A101.1 & A201.1

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	266 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA009	SIMULTANEOUS			Z032
PRESS PSIA	ZONE C 1 62	82 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA009	SIMULTANEOUS			Z032
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA009	SIMULTANEOUS			Z032
RADIATION	ZONE C 1 2.0E08	5.6 X 10E7 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA009	SEPERATE			Z032
OPE TME	MN							Z032
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA009	SIMULTANEOUS			ZRXA002 Z032
AGING								Z032
SUBMERGENC								Z032

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA009 KERITE REPORT DATED 4/30/70, ADDITION B

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 1/C-1000 MCM, 5KV, K/K POWER CABLE
 MANUFACTURER KERITE
 MODEL BILL OF MATERIAL NO. A101.2 & A201.2

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C 1 271	266 DEG. F	325 DEG. F	UDXX999 ZDXA005 ZDXA009	SIMULTANEOUS		Z033
PRESS PSIA	ZONE C 1 62	82 PSIG	82 PSIG	UDXX999 ZDXA005 ZDXA009	SIMULTANEOUS		Z033
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999 ZDXA005 ZDXA009	SIMULTANEOUS		Z033
RADIATION	ZONE C 1 2.0E08	5.6 X 10E7 RAD	1.2 X 10E8 RAD	UDXX999 ZDXA005 ZDXA009	SEPERATE		Z033
OPE TME MN							Z033
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005 ZDXA009	SIMULTANEOUS		ZRXA002 Z033
AGING							Z033
SUMMURGENC							Z033

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA009 KERITE REPORT DATED 4/30/70, ADDITION B

OUTSTANDING ITEMS/REMARKS
 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 1/C-500 MCM, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.3 & A201.3

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	REFERENCE*	QUALIFICATION	REMARKS	COMP
TEMP DEG F	ZONE C	PLT DES	SPEC	QUAL	METHOD	OUTST**	NO
266	DEG. F	325	DEG. F	UDXX999	ZDXA005	ZDXA009	Z034
82	PSIG	82	PSIG	UDXX999	ZDXA005	ZDXA009	Z034
100%		100%		UDXX999	ZDXA005	ZDXA009	Z034
5.6 X 10E7	RAD	1.2 X 10E8	RAD	UDXX999	ZDXA005	ZDXA009	Z034
SEE REMARKS		SEE REMARKS		ZDXA005	ZDXA009	SIMULTANEOUS	ZRXA002 Z034
SEE REMARKS		SEE REMARKS		ZDXA005	ZDXA009	SIMULTANEOUS	Z034
SEE REMARKS		SEE REMARKS		ZDXA005	ZDXA009	SIMULTANEOUS	Z034

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA009
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA009 KERITE REPORT DATED 4/30/70, ADDITION B

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 3/C-500 MCM. SKV. K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.4 & A201.4

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL METHOD	OUTST**	REMARKS	CUMP NO
TEMP DEG F	ZONE C 1 271	266 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS		Z035
PRESS PSIA	ZONE C 1 62	82 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS		Z035
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS		Z035
RADIATION	ZONE C 1 2.0E08	5.6 X 10E7 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA009	SEPERATE		Z035
OPE TME MN									Z035
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA009	SIMULTANEOUS		ZRXA002 Z035
AGING									Z035
SUBMERGENC									Z035

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA009 KERITE REPORT DATED 4/30/70, ADDITION B

OUTSTANDING ITEMS/REMARKS
 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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SYSTEM ALL SYSTEMS INCLUDED
 COMP/EQUIP 3/C-1/O, 5KV, K/K POWER CABLE
 MANUFACTUER KERITE
 MODEL BILL OF MATERIAL NO. A101.6 & A201.6

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	266 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS			Z036	
PRESS PSIA	ZONE C 1 62	82 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS			Z036	
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS			Z036	
RADIATION	ZONE C 1 2.0E08	5.6 X 10E7 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA009	SEPERATE			Z036	
OPE TME MN										Z036	
CHEM SPRAY		SEE REMARKS	SEE REMARKS		ZDXA005	ZDXA009	SIMULTANEOUS		ZRXA002	Z036	
AGING										Z036	
SUBMERGENC										Z036	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA009 KERITE REPORT DATED 4/30/70, ADDITION B

OUTSTANDING ITEMS/REMARKS

ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

PROJECT NUMBER 6165-70
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QUALIFICATION DATA SHEET

SYSTEM ALL SYSTEMS INCLUDED

COMP/EQUIP 3/C NO.2, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.7 & A201.7

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE C 1 271	266 DEG. F	325 DEG. F	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS				Z037
PRESS PSIA	ZONE C 1 62	82 PSIG	82 PSIG	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS				Z037
REL HUMID%	ZONE C 1 100	100%	100%	UDXX999	ZDXA005	ZDXA009	SIMULTANEOUS				Z037
RADIATION	ZONE C 1 2.0E08	5.6 X 10E7 RAD	1.2 X 10E8 RAD	UDXX999	ZDXA005	ZDXA009	SEPERATE				Z037
OPE TME MN											Z037
CHEM SPRAY		SEE REMARKS	SEE REMARKS	ZDXA005	ZDXA009	SIMULTANEOUS				ZRXA002	Z037
AGING											Z037
SURMERGENC											Z037

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ZDXA005 BILL OF MATERIAL NO. 3782-A
 ZDXA009 KERITE REPORT DATED 4/30/70, ADDITION B

OUTSTANDING ITEMS/REMARKS

 ZRXA002 SPECIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5
 QUALIFICATION: 1.5% BORIC ACID SOLUTION, PH 9.5

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 1APO53	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 17	X-2329	119387	P/21 579		A 8 AUX	N/A		22E-0-3064	Q033
*			FUNCTION/SERVICE: POWER FEED TO MOV HTRS									
*	AP 1APO54	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 18	X-2329	119387	P/20 579		A 8 AUX	N/A		22E-0-3064	Q034
*			FUNCTION/SERVICE: POWER FEED TO MOV HTRS									
*	AV 1AV010	UNIT COOLER/ FAN MTR 1.5HP	WEST. 2 TYPE B/ 145 T FRAME	X-2281	113966	L/26 579'-0''		A 14 AUX	N/A		M-79	E003
*			FUNCTION/SERVICE: RECIP. CHARGING /TEMPERATURE CONTROL									
*	AV 1AV011	UNIT COOLER/ FAN MOTOR 3HP	WEST. 3 TYPE B/ 182 T FRAME	X-2281	113966	L/25 579'-0''		A 14 AUX	N/A		M-79	E004
*			FUNCTION/SERVICE: CENT. CHARGING PUMP/TEMPERATURE CONTROL									
*	AV 1AV012	UNIT COOLER/ FAN MOTOR 3HP	WEST. 3 TYPE B/ 182 T FRAME	X-2281	113966	L/24 579'-0''		A 14 AUX	N/A		M-79	E004
*			FUNCTION/SERVICE: CENT. CHARGING PUMP/TEMPERATURE CONTROL									
*	AV OTS-AV109	TWO STAGE SPACE THERST.	PENN A-28-AA37	X-2286	123163	L/14 579'-0''		A 8 AUX	N/A		M-7	I004
*			FUNCTION/SERVICE: CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL									
*	AV OTS-AV110	TWO STAGE SPACE THERST.	PENN A-28-AA37	X-2286	123163	H/16 579'-0''		A 8 AUX	N/A		M-7	I004
*			FUNCTION/SERVICE: CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL									
*	AV OTS-AV111	TWO STAGE SPACE THERST.	PENN A-28-AA37	X-2286	123163	H/17 579'-0''		A 8 AUX	N/A		M-7	I004
*			FUNCTION/SERVICE: CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL									
*	AV OTS-AV112	TWO STAGE SPACE THERST.	PENN A-28-AA37	X-2286	123163	H/26 579'-0''		A 8 AUX	N/A		M-7	I004
*			FUNCTION/SERVICE: CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL									
*	AV OTS-AV113	TWO STAGE SPACE THERST.	PENN A-28-AA37	X-2286	123163	H/24 579'-0''		A 8 AUX	N/A		M-7	I004
*			FUNCTION/SERVICE: CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL									
*	AV OTS-AV114	TWO STAGE SPACE THERST.	PENN A-28-AA37	X-2286	123163	H/23 579'-0''		A 8 AUX	N/A		M-7	I004
*			FUNCTION/SERVICE: CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL									
*	AV 1AB0299	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/24 579		A 8 AUX	N/A		22E-0-3061	X270
*			FUNCTION/SERVICE: CENTRIFUGAL CHARGING PUMP 1A COOLER									
*			FUNCTION/SERVICE: OTS-AV114, OHS-AV114A, PUSHBUTTON STATION, OSV-AV114									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AV	1AB0300	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/24 579	A B AUX	N/A			22E-0-3061	X271
					FUNCTION/SERVICE:								
					FUNCTION/SERVICE:								
AV	1AB0301	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/26 579	A B AUX	N/A			22E-0-3061	X272
					FUNCTION/SERVICE:								
					FUNCTION/SERVICE:								
AV	1AB0322	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/23 579	A B AUX	N/A			22E-0-3059	X277
					FUNCTION/SERVICE:								
AV	1AB0323	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/26 579	A B AUX	N/A			22E-0-3061	X278
					FUNCTION/SERVICE:								
AV	1AB0324	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/24 579	A B AUX	N/A			22E-0-3061	X279
					FUNCTION/SERVICE:								
AV	1AB0325	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/24 579	A B AUX	N/A			22E-0-3061	X280
					FUNCTION/SERVICE:								
CC	1AP053	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458 17	X-2329	119387	P/21 579	A B AUX	N/A			22E-0-3064	0033
					FUNCTION/SERVICE:								
CC	1AP054	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458 18	X-2329	119387	P/20 579	A B AUX	N/A			22E-0-3064	0034
					FUNCTION/SERVICE:								
CC	1LP57	REMOTE SHTDN PANEL DIV 17	FISH-H		X-2329	119387	H/24 579	A B AUX	N/A			22E-0-3061	T013
					FUNCTION/SERVICE:								
CC	1LP58	REMOTE SHTDN PANEL DIV 18	FISH-H		X-2329	119387	H/24 579	A B AUX	N/A			22E-0-3063	T014
					FUNCTION/SERVICE:								
CC	1LP59	REMOTE SHUT. CON. STA. DV. 19	FISH-H		X-2329	119387	H/24 579	A B AUX	N/A			22E-0-3061	T015
					FUNCTION/SERVICE:								

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	P.O. NO.	CECO NO.	ELEVATN	COL/ROW	CONTAIN IN	OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
CC	1AB0190	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	119387	H/22	A 9	AUX	N/A	N/A	N/A	22E-0-3069	22E-0-3069	X041
		FUNCTION/SERVICE: CC PUMPS TEMPERATURE ALARM 1TIC-671A 592														
CC	1AB0191	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	119387	K/21	A 9	AUX	N/A	N/A	N/A	22E-0-3069	22E-0-3069	X042
		FUNCTION/SERVICE: CC PUMPS TEMPERATURE ALARM 1TIC-671B 592														
CC	1AB0192	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	119387	K/20	A 9	AUX	N/A	N/A	N/A	22E-0-3069	22E-0-3069	X043
		FUNCTION/SERVICE: CC PUMPS TEMPERATURE ALARM 1TIC-672 592														
CC	1AB0210	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	119387	P/23	A12	AUX	N/A	N/A	N/A	22E-1-3207	22E-1-3207	X577
		FUNCTION/SERVICE: CC FROM EXCESS LETDOWN DISCH STOP VLV 1A0V-CC9437 592														
CI	1MOV-CC9438	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	091710	P/23	A12	AUX	N/A	N/A	N/A	M-67	M-67	B001
		FUNCTION/SERVICE: ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLANT PUMPS 588'-0''														
CI	1MOV-CC685	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	091710	P/23	A12	AUX	N/A	N/A	N/A	M-67	M-67	B001
		FUNCTION/SERVICE: ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLANT PUMPS 588'-0''														
CI	1MOV-VC8105	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	091710	N/23	A12	AUX	N/A	N/A	N/A	M-55	M-55	B001
		FUNCTION/SERVICE: ACTUATES VALVE/TO REGENERATIVE HEAT EXCH. FROM CHARGING PUMPS 579'-0''														
CI	1MOV-VC8106	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	091710	N/23	A12	AUX	N/A	N/A	N/A	M-55	M-55	B001
		FUNCTION/SERVICE: ACTUATES VALVE/TO REGENERATIVE HEAT EXCH. FROM CHARGING PUMPS 579'-0''														
CI	1MOV-CC9413A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	103251	P/23	A12	AUX	N/A	N/A	N/A	M-67	M-67	B001
		FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR COOLANT PUMPS FROM COMPONENT COOLING HEAT EXCH. 588'-0''														
CI	1MOV-CC9413B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	103251	P/23	A12	AUX	N/A	N/A	N/A	M-67	M-67	B001
		FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR COOLANT PUMPS FROM COMPONENT COOLING HEAT EXCH. 588'-0''														
CI	1A0V-CC9437	SOLENOID OPERATOR	ASCO	LB-831654	G-676270	091713	091713	Z6	A12	AUX	N/A	N/A	N/A	M-67	M-67	B002
		FUNCTION/SERVICE: ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM EXCESS LET DOWN HEAT EXCH. 602'-0''														
CI	1MOV-FW0016	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	398321	Z16	T 3	LSVR	N/A	N/A	N/A	M-22	M-22	B003
		FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER 585'-0''														



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1MOV-FW0017	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	Z10 585'-0''	T 3 LSVR	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1MOV-FW0018	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	Z10 585'-0''	T 3 LSVR	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1MOV-FW0019	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	Z16 585'-0''	T 3 LSVR	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1A0V-BD0001	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z16 580'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0002	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z16 585'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0003	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z16 580'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0004	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z16 585'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0005	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z10 580'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0006	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z10 585'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0007	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z10 580'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-BD0008	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z10 585'-0''	T 3 LSVR	N/A	CP-1223-07	M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1A0V-LCV-DT1003	SOLENOID OPERATOR	ASCO	LB-83146	G-676381	066075	Z6 579'-0''	A12 AUX	N/A	WAPD-CV-SS-8R	M-87	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO HOLDUP TANK FROM REACTOR COOLANT DRAIN PUMP												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
* CI	1A0V-RC8025	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-53	BO05
FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK												
* CI	1A0V-RC8026	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-53	BO05
FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK												
* CI	1A0V-RC8028	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075	Z6 579'-0''	A12 AUX	N/A	WAPD-CS-SS-8R	M-53	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK												
* CI	1A0V-RC8029	SOLENOID OPERATOR	ASCO	FT-8320A22	G-676281	086075	Z6 579'-0''	A12 AUX	N/A	WAPD-CS-SS-8R	M-53	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK												
* CI	1A0V-RC8033	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075	Z6 579'-0''	A12 AUX	N/A	WAPD-CV-SS-2R	M-53	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD												
* CI	1A0V-SS9354A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE												
* CI	1A0V-SS9354B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE												
* CI	1A0V-SS9355A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE												
* CI	1A0V-SS9355B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE												
* CI	1A0V-SS9356A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D												
* CI	1A0V-SS9356B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D												
* CI	1A0V-SS9357A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD SUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1A0V-559357B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z6 579'-0''	A12 AUX	N/A	CP-1-52	M-74-1	BO05
FUNCTION/SERVICE:ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES												
CI	1A0V-VC-8152	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075	Z6 592'-0''	A12 AUX	N/A	WAPD-CV-55-2R		BO06
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD												
CI	1A0V-VC-8153	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075	Z6 592'-0''	A12 AUX	N/A	WAPD-CV-55-2R		BO06
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD												
CI	1FCV-BD17	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-45-1	BO07
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER												
CI	1FCV-FP08	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-43	BO07
FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARCOAL FILTER												
CI	1FCV-IA01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-72	BO07
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT ISOLATION												
CI	1FCV-IA01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-72	BO07
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT ISOLATION												
CI	1FCV-PR19A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT ISOLATION												
CI	1FCV-PR19B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
FUNCTION/SERVICE:ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION												
CI	1FCV-PR20A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT ISOLATION												
CI	1FCV-PR20B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
FUNCTION/SERVICE:ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION												
CI	1FCV-PR21A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z6 592'-0''	A12 AUX	N/A		M-70	BO07
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT ISOLATION												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 1FCV-PR21B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION									
*	CI 1FCV-PR22A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT ISOLATION									
*	CI 1FCV-PR22B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION									
*	CI 1FCV-PR23A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/RV LEK DET ISOLATION									
*	CI 1FCV-PR23B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/RV LEK DET ISOLATION									
*	CI 1FCV-PR24A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/GAS MONITOR ISOLATION									
*	CI 1FCV-PR24B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/GAS MONITOR ISOLATION									
*	CI 1FCV-RV111	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/HTG S CNT ISOLATION									
*	CI 1FCV-RV112	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-84	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/HTG S CNT ISOLATION									
*	CI 1FCV-RV113	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-84	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/HTG S CNT ISOLATION									
*	CI 1FCV-RV114	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-84	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/HTG S CNT ISOLATION									
*	CI 1FCV-SA01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z6 592'-0''	A12 AUX	N/A		M-84	BO07
*			FUNCTION/SERVICE: ACTUATES VALVE/HEADER ISOLATION									

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 1FCV-SA01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z6 592'-0''	A12 AUX	N/A		M-71	BO07
*												
*	CI 1FCV-SS02	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-45	BO07
*												
*	CI 1FCV-SS03	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-45	BO07
*												
*	CI 1FCV-SS04	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-45	BO07
*												
*	CI 1FCV-SS05	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-45	BO07
*												
*	CI 1FCV-VF01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-45	BO07
*												
*	CI 1FCV-VF01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*												
*	CI 1FCV-VN02A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*												
*	CI 1FCV-VN02B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*												
*	CI 1FCV-WD17A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A		M-70	BO07
*												
*	CI 1FCV-WD17B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z6 592'-0''	A12 AUX	N/A			BO07
*												
*	CI 1MOV-VC8100	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	P/23 595'-0''	A12 AUX	N/A	93-13114	M-55	BO08
*												

COMPONENT/EQUIPMENT ID SHEET													
* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 1MOV-CC9414	VALVE MOTOR OPERATOR	LMTQ	SMB-O	G-676258	103251	P/23 588'-0''	A12	AUX	N/A	93-13118	M-67	B009
*					FUNCTION/SERVICE: ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLING PUMPS								
*	CI 1A0V-RV0002	SOLENOID OPERATOR	ACSO	83160E34	X-2302	109905	Z7 617'-0''	A12	AUX	N/A		M-536	D102
*					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT PURGE SYSTEM ISOLATION								
*	CI 1A0V-RV0004	SOLENOID OPERATOR	ACSO	83160E34	X-2302	109905	Z7 617'-0''	A12	AUX	N/A		M-536	D102
*					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT PURGE SYSTEM ISOLATION								
*	CI 1A0V-RV0005	SOLENOID OPERATOR	ROSS	233693	X-2218	398321	617'-0''	A12	AUX	N/A		M-536	D103
*					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT RELIEF SYSTEM								
*	CI 1A0V-RV0006	SOLENOID OPERATOR	ROSS	233693	X-2218	398321	617'-0''	A12	AUX	N/A		M-536	D103
*					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT RELIEF SYSTEM								
*	CI 1AP053	MOV HTRS-DIST. PNL-DIV 17	FISH-H	B/M-C-458	X-2329	119387	P/21 579	A 8	AUX	N/A		22E-O-3064	Q033
*					FUNCTION/SERVICE:								
*	CI 1AP054	MOV HTRS-DIST. PNL-DIV 18	FISH-H	B/M-C-458	X-2329	11937	P/20 579	A 8	AUX	N/A		22E-O-3064	Q034
*					FUNCTION/SERVICE:								
*	CI 1AP019	480V AUX BLDG MCC 1331A	GE	7700 LINE	X-2260	103869	K/23 617	A 9	AUX	N/A		22E-O-3075	Q056
*					FUNCTION/SERVICE: POWER SUPPLY FOR CONTMT FLOOR DRAIN								
*	CI 1AP022	480V AUX BLDG MCC 1341A	GE	7700 LINE	X-2260	103869	N/21 617	A 9	AUX	N/A		22E-O-3078	Q057
*					FUNCTION/SERVICE: POWER SUPPLY FOR CONTMT FLOOR DRAIN SUMP PUMP 1B								
*	CI 1AP047	RADWASTE HTG SYS TRANS-FORMER	FISH-H		X-2329	110387	K/28 617	A12	AUX	N/A		22E-O-3075	Q058
*					FUNCTION/SERVICE: RADWASTE HEATING SYS TRANSFORMER								
*	CI 0LP10	WASTE GAS & RECOVERY PNL	WEST		X-22005	105588	K/15 592	A 9	AUX	N/A		22E-O-3070	T108
*					FUNCTION/SERVICE:								
*	CI 1LP66	WASTE EVAP HEAT TRACING PANEL	FISH-H		X-2329	119387	K/28 617	A12	AUX	N/A		22E-O-3075	T109
*					FUNCTION/SERVICE:								

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/RW ELEVATN	CONTAIN IN OUT	FLD BUILT LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1AB0215	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 590	A12 AUX	N/A	N/A	22E-1-3207	X045	
		FUNCTION/SERVICE: LETDOWN LINE CONTAINER ISOL VLV 1A0V-VC8152										
CI	1AB0216	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 590	A12 AUX	N/A	N/A	22E-1-3207	X046	
		FUNCTION/SERVICE: LETDOWN LINE CONTAINER ISOL VLV 1A0V-VC8153										
CI	1AB0131	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 582	A12 AUX	N/A	N/A	22E-1-3207	X062	
		FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV113										
CI	1AB0132	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 582	A12 AUX	N/A	N/A	22E-1-3207	X063	
		FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV111										
CI	1AB0133	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 582	A12 AUX	N/A	N/A	22E-1-3207	X064	
		FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV114										
CI	1AB0134	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 582	A12 AUX	N/A	N/A	22E-0-3092	X065	
		FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV112										
CI	1RB0052	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z10 570	T 3 LSVR	N/A	N/A	22E-1-3247	X159	
		FUNCTION/SERVICE: STM GEN 1C BLOWDOWN ISOL. VLV 1A0V-BD0005										
CI	1RB0053	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z10 570	T 3 LSVR	N/A	N/A	22E-1-3247	X160	
		FUNCTION/SERVICE: STM GEN 1A BLOWDOWN ISOL. VLV 1A0V-BD0007										
CI	1RB0067	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16 570	T 3 LSVR	N/A	N/A	22E-1-3246	X161	
		FUNCTION/SERVICE: STM GEN 1D BLOWDOWN ISOL. VLV 1A0V-BD0003										
CI	1RB0074	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16 570	T 3 LSVR	N/A	N/A	22E-1-3246	X162	
		FUNCTION/SERVICE: STM GEN 1B BLOWDOWN ISOL. VLV 1A0V-BD0001										
CI	1RB0148	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16 570	T 3 LSVR	N/A	N/A	22E-1-3246	X184	
		FUNCTION/SERVICE: STM GEN 1B BLOWDOWN ISOL. VLV 1A0V-BD0002										
		FUNCTION/SERVICE: STM GEN 1B BLOWDOWN SAMPLE ISOL VLV 1FCV-SS02										



COMPONENT/EQUIPMENT ID SHEET													
* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO	
CI	1RBO149	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z16 570	T 3	LSVR	N/A	22E-1-3246	X185	
*	FUNCTION/SERVICE:		STM GEN 1D BLOWDOWN SAMPLE ISOL VLV 1FCV-SS03										
*	FUNCTION/SERVICE:		STM GEN 1D BLOWDOWN ISOL VLV 1AOV-BD0004										
CI	1RBO152	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z10 570	T 3	LSVR	N/A	22E-1-3247	X186	
*	FUNCTION/SERVICE:		STM GEN 1A BLOWDOWN ISOL VLV 1AOV-BD0008										
*	FUNCTION/SERVICE:		STM GEN 1A BLOWDOWN SAMPLE ISOL VLV 1FCV-SS05										
CI	1RBO153	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z10 570	T 3	LSVR	N/A	22E-1-3247	X187	
*	FUNCTION/SERVICE:		STM GEN 1C BLOWDOWN SAMPLE ISOL VLV 1FCV-SS04										
*	FUNCTION/SERVICE:		STM GEN 1C BLOWDOWN ISOL VLV 1AOV-BD0006										
CI	1RBO390	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z10 570	T 3	LSVR	N/A	22E-1-3247	X203	
*	FUNCTION/SERVICE:		STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVE 1FCV-SS02.03.04.05										
CI	1RBO391	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z16 570	T 3	LSVR	N/A	22E-1-3246	X204	
*	FUNCTION/SERVICE:		STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVE 1FCV-SS02.03.04.05										
CI	1AB0130	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574	A12	AUX	N/A	22E-1-3207	X244	
*	FUNCTION/SERVICE:		FP SYS CONTAINMENT ISOLATION VALVE 1FCV-FP08										
CI	1AB0142	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 598	A12	AUX	N/A	22E-1-3207	X245	
*	FUNCTION/SERVICE:		SA ISOL AIR OPER VLV 1FCV-SA01A										
CI	1AB0143	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 598	A12	AUX	N/A	22E-1-3207	X246	
*	FUNCTION/SERVICE:		SA ISOL AIR OPER VLV 1FCV-SA01B										
CI	1AB0145	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 598	A12	AUX	N/A	22E-1-3207	X248	
*	FUNCTION/SERVICE:		RX DRAIN TANK NITROGEN PURGE ISOL VLV 1AOV-DT9157										
*	FUNCTION/SERVICE:		RX COOLANT DRAIN TANK VENT ISOL VLV 1AOV-DT9160A										
CI	1AB0206	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 590	A12	AUX	N/A	22E-1-3207	X253	
*	FUNCTION/SERVICE:		RX LEAK DETECT AIR SPACE SAMPLE ISOL VLVS 1FCV-PR19A,20A,21A,22A,23A										
CI	1AB0207	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 590	A12	AUX	N/A	22E-1-3207	X254	
*	FUNCTION/SERVICE:		PRESS RELIEF VLV SPRAY LINE CONTAINER ISOL VLV 1AOV-RCR028										

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR MODEL NUMBER	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1AB0227	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX	N/A		22E-1-3207	X256
											FUNCTION/SERVICE: CONTAINMENT AIR SAMPLE ISOL. VLV 1FCV-PR24A
CI	1AB0228	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX	N/A		22E-1-3207	X257
											FUNCTION/SERVICE: RX COOLANT DRAIN TANK TO GAS ANALYZER ISOL VLV 1ADV-LCV-DT1003
CI	1AB0233	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 574	A12 AUX	N/A		22E-1-3207	X262
											FUNCTION/SERVICE: RX COOLANT DRAIN PUMP DISCH ISOL 1LCV-RC-1003
CI	1AB0236	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 574	A12 AUX	N/A		22E-1-3207	X265
											FUNCTION/SERVICE: RX COOLANT DRAIN PUMP DISCH ISOL VLV 1ADV-DT9170
CI	1AB0297	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 598	A12 AUX	N/A		22E-1-3207	X268
											FUNCTION/SERVICE: RX COOLANT DRAIN TANK TO GAS ANALYZER ISOL VLV 1ADV-DT9159A
CI	1AB0298	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX	N/A		22E-1-3207	X269
											FUNCTION/SERVICE: VENT FROM RX COOLANT DRAIN TANK ISOL VLV 1ADV-DT9160B
CI	1AB0312	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 582	A12 AUX	N/A		22E-1-3207	X273
											FUNCTION/SERVICE: STM GEN BLOWDOWN ISOL. VLV 1FCV-BD17
CI	1ABC314	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 582	A12 AUX	N/A		22E-1-3207	X274
											FUNCTION/SERVICE: STEAM GENERATOR BLOWDOWN SAMPLE ISOLATION VLV 1FCV-SS06, 1ADV-RC8025, 26
CI	1AB0315	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 582	A12 AUX	N/A		22E-1-3207	X275
											FUNCTION/SERVICE: PRESSURIZER STEAM SAMPLE ISOL VLV 1ADV-SS9354A
											FUNCTION/SERVICE: REACTOR COOLANT HOT LEG SAMPLE ISOL VLV 1ADV-SS9356A
											FUNCTION/SERVICE: PRESSURIZER LIQUID SAMPLE ISOL VLV 1ADV-SS9355A
CI	1AB0316	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 582	A12 AUX	N/A		22E-1-3207	X276
											FUNCTION/SERVICE: PRESSURIZER STEAM SAMPLE ISOL VLV 1ADV-SS9354B
											FUNCTION/SERVICE: REACTOR COOLANT HOT LEG SAMPLE ISOL VLV 1ADV-SS9355B
											FUNCTION/SERVICE: PRESSURIZER LIQUID SAMPLE ISOL VLV 1ADV-SS9356B
CI	1AB0326	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 582	A12 AUX	N/A		22E-1-3207	X281
											FUNCTION/SERVICE: ACCUMULATOR TANKS SAMPLE ISOL VLV 1ADV-SS9357A

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1AB0327	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 582		A12	AUX	N/A	22E-1-3207	X282
		FUNCTION/SERVICE: ACCUMULATOR TANKS SAMPLE ISOL VLV 1A0V-SS9357B											
CI	1AB0347	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 582		A12	AUX	N/A	22E-1-3207	X283
		FUNCTION/SERVICE: PRESS RELIEF TK TO GAS ANALYZER VLV 1A0V-RC8026											
CI	1AB0348	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 590		A12	AUX	N/A	22E-1-3207	X284
		FUNCTION/SERVICE: PRESS RELIEF TK SPRAY LINE CONTAINER ISOL VLV 1A0V-RC8029											
CI	1AB0349	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 598		A12	AUX	N/A	22E-1-3207	X285
		FUNCTION/SERVICE: CONTROL PRT N2 SUPPLY LINE CONTAINER ISOL VLV 1A0V-RC8033											
CI	1AB0360	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/28 617		A 9	AUX	N/A	22E-0-3075	X286
		FUNCTION/SERVICE: RADWASTE EVAP SYS HEAT TRACING CONC STORAGE TNK & EVAP SUMP (SYS 1)											
CI	1AB0386	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574		A12	AUX	N/A	22E-1-3207	X287
		FUNCTION/SERVICE: NONFILTER VENT HDR ISOL VLV 1FCV-VNO2A											
CI	1AB0387	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574		A12	AUX	N/A	22E-1-3207	X288
		FUNCTION/SERVICE: NONFILTER VENT HDR ISOL VLV 1FCV-VNO2B											
CI	1AB0388	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574		A12	AUX	N/A	22E-1-3207	X289
		FUNCTION/SERVICE: FILTER VENT HDR ISOL VLV 1FCV-VF01A											
CI	1AB0389	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574		A12	AUX	N/A	22E-1-3207	X290
		FUNCTION/SERVICE: FILTER VENT HDR ISOL VLV 1FCV-VF01B											
CI	1AB0396	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574		A12	AUX	N/A	22E-1-3207	X291
		FUNCTION/SERVICE: WASTE DISPOSAL SYS DISCH ISOL VLV 1FCV-WD0017A											
CI	1AB0397	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574		A12	AUX	N/A	22E-1-3207	X292
		FUNCTION/SERVICE: WASTE DISPOSAL SYS DISCH ISOL VLV 1FCV-WD0017B											
CI	1AB0210	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 592		A12	AUX	N/A	22E-1-3207	X577
		FUNCTION/SERVICE: CC FROM EXCESS LETDOWN DISCH STOP VLV 1A0V-CC9437											



COMPONENT/EQUIPMENT ID SHEET

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CI	1AB0751	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/30 592	A 9 AUX	N/A		22E-0-3068	X584
* FUNCTION/SERVICE: STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VLV 1FCV-SS02.03,04,05												
CS	1LIS-CS44	LEVEL INDICA SWITCH	MAGNE-	82-1212-002	CECO		K/23 592'-0''	A 9 AUX	N/A		M-44 M-293	MO03
* FUNCTION/SERVICE: SPRAY ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL												
CS	1LIS-CS45	LEVEL INDICA SWITCH	MAGNE-	82-1212-002	CECO		K/23 592'-0''	A 9 AUX	N/A		M-44 M-293	MO03
* FUNCTION/SERVICE: SPRAY ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL												
CS	1AP053	MOV HTRS-DIST. PNL-DIV 17	FISH-H	B/M-C-458	X-2329	119387	P/21 579	A 8 AUX	N/A		22E-0-3064	0033
* FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS MOV HTRS												
CS	1AP054	MOV HTRS-DIST. PNL-DIV 18	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	0034
* FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS MOV HTRS												
DC	1AB0531	PULL BOX	FISH-H	EM-47150	X-2329	119387	H/24 592	A 9 AUX	N/A		22E-0-3068	X295
* FUNCTION/SERVICE: PULL BOX												
FW	1FW005	PUMP MOTOR UNIT	WEST	HSDP	X-2247 X-2200		H/23 579'-0''	A 8 AUX	N/A	FC-45796	M-22	B751
* FUNCTION/SERVICE: ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN												
FW	1FW006	PUMP MOTOR UNIT	WEST	HSDP	X-2247 X-2200		H/24 579'-0''	A 8 AUX	N/A	FC-45796	M-22	B751
* FUNCTION/SERVICE: ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN												
FW	1FW004	PUMP MOTOR UNIT (OIL)	WEST	SBDP	X-2247 X-2200		H/22 579'-0''	A 8 AUX	N/A	FC-45801-0	M-22	B752
* FUNCTION/SERVICE: LUBRICATES PUMP/AUX FW PUMP TURBINE DRIVEN												
FW	1MOV-FW0075	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	H/22 579'-0''	A 8 AUX	N/A	037404	M-37-1	B755
* FUNCTION/SERVICE: ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY												
FW	1MOV-FW0074	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/23 579'-0''	A 8 AUX	N/A	037430-2	M-37-1	B756
* FUNCTION/SERVICE: ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY												
FW	1MOV-FW0076	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/23 579'-0''	A 8 AUX	N/A	037430-2	M-37-1	B756
* FUNCTION/SERVICE: ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY												



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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	P. D. NO.	CECO	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	1MOV-FW0050	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 600'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0051	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 600'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0052	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 583'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0053	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 583'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0054	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/23 576'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0055	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 579'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0056	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 597'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1MOV-FW0057	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321		P/24 597'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW	1FT-0510	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253		J/31 560'-0''	T 4 TUNN	N/A		M-22,M-297	M203
		FUNCTION/SERVICE:SG A FLOW INDICATION & ALARM, REACT. TRIP/SG A FEEDWATER											
FW	1FT-0511	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253		G/31 560'-0''	T 4 TUNN	N/A		M-22,M-297	M203
		FUNCTION/SERVICE:SG A FLOW INDICATION & ALARM, REACT. TRIP/SG A FEEDWATER											
FW	1FT-0520	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253		J/31 560'-0''	T 4 TUNN	N/A		M-22,M-297	M203
		FUNCTION/SERVICE:SG C FLOW INDICATION & ALARM, REACT. TRIP/SG C FEEDWATER											
FW	1FT-0521	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253		G/31 560'-0''	T 4 TUNN	N/A		M-22,M-297	M203
		FUNCTION/SERVICE:SG C FLOW INDICATION & ALARM, REACT. TRIP/SG C FEEDWATER											



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*	FW 1FT-0530	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	J/31 560'-0''	T 4 TUNN		N/A		M-22,M-297	M203
*	FW 1FT-0531	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	G/31 560'-0''	T 4 TUNN		N/A		M-22,M-297	M203
*	FW 1FT-0540	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	J/31 560'-0''	T 4 TUNN		N/A		M-22,M-297	M203
*	FW 1FT-0541	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	G/31 560'-0''	T 4 TUNN		N/A		M-22,M-297	M203
*	FW 1PT-0514	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z10 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0515	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z10 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0516	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z10 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0524	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z10 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0525	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z10 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0526	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z10 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0534	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z16 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204
*	FW 1PT-0535	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z16 560'-0''	T 3 LSVR		N/A		M-20,M-295	M204

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*	FW 1PT-0536	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z16 560'-0''	T 3 LSVR	N/A		M-20,M-295	M204
				FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM								
*	FW 1PT-0544	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z16 560'-0''	T 3 LSVR	N/A		M-20,M-295	M204
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM								
*	FW 1PT-0545	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z16 560'-0''	T 3 LSVR	N/A		M-20,M-295	M204
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM								
*	FW 1PT-0546	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z16 560'-0''	T 3 LSVR	N/A		M-20,M-295	M204
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM								
*	FW 1PS-FWWB1	PRESSURE SWITCH	UNITED ELEC	9503 B091 TYPE J7	CECO		G/23 579'-0''	A 8 AUX	N/A			M205
				FUNCTION/SERVICE: 1B AUX FW LUBE AUTO START								
*	FW 1PS-FWWB2	PRESSURE SWITCH	UNITED ELEC	9503 B091 TYPE J7	CECO		G/23 579'-0''	A 8 AUX	N/A			M205
				FUNCTION/SERVICE: 1B AUX FW LUBE PERM. START								
*	FW 1PS-FWWB3	PRESSURE SWITCH	UNITED ELEC	9503 B091 TYPE J7	CECO		G/23 579'-0''	A 8 AUX	N/A			M205
				FUNCTION/SERVICE: 1B AUX FW LUBE 4KW TRIP								
*	FW 1PS-FWWC1	PRESSURE SWITCH	UNITED ELEC	9503 B100 TYPE 7	CECO		H/22 579'-0''	A 8 AUX	N/A			M205
				FUNCTION/SERVICE: 1C AUX FW LD LUBE AUTO START								
*	FW 1PS-FWWC2	PRESSURE SWITCH	UNITED ELEC	9503 B100 TYPE 7	CECO		H/22 579'-0''	A 8 AUX	N/A			M205
				FUNCTION/SERVICE: 1C AUX FW LUBE PERM. START								
*	FW 1PS-FWWC3	PRESSURE SWITCH	UNITED ELEC	9503 B100 TYPE 7	CECO		H/22 579'-0''	A 8 AUX	N/A			M205
				FUNCTION/SERVICE: 1C AUX FW LUBE 4KW TRIP								
*	FW 1FT-FW03	FLOW TRANSMITTER	F&P	10B2495	X-2316		N/21 560'-0''	A 8 AUX	N/A		M-22,M-291	M207
				FUNCTION/SERVICE: AUX FW TO SG B FLOW INDICATION & ALARM/AUX FW TO SG B								
*	FW 1PS-FWWA1	PRESSURE SWITCH	ASHCR- OFT	4400	CECO		H/22 579'-0''	A 8 AUX	N/A			M208
				FUNCTION/SERVICE: 1A AUX FW LD LUBE AUTO START								

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*	FW 1PS-FWWA2	PRESSURE SWITCH	ASHCR-OFT	4400	CECO		H/22 579'-0''	A 8 AUX	N/A			M208
			FUNCTION/SERVICE: 1A AUX FW LUBE STP VLV TRIP									
*	FW 1FI-FW02B	FLOW INDICATOR	WEST	VX-252	X-2200		J/24 579'-0''	A 8 AUX	N/A			M210
			FUNCTION/SERVICE: AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A									
*	FW 1FI-FW03B	FLOW INDICATOR	WEST	VX-252	X-2200		J/24 579'-0''	A 8 AUX	N/A			M210
			FUNCTION/SERVICE: AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B									
*	FW 1FI-FW04B	FLOW INDICATOR	WEST	VX-252	X-2200		J/24 579'-0''	A 8 AUX	N/A			M210
			FUNCTION/SERV: E: AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C									
*	FW 1FI-FW25B	FLOW INDICATOR	WEST	VX-252	X-2200		J/24 579'-0''	A 8 AUX	N/A			M210
			FUNCTION/SERVICE: AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D									
*	FW 1PI-0514B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/24 579'-0''	A 8 AUX	N/A		M-20	M210
			FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM									
*	FW 1PI-0524B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/24 579'-0''	A 8 AUX	N/A		M-20	M210
			FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM									
*	FW 1PI-0534B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/24 579'-0''	A 8 AUX	N/A		M-20	M210
			FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM									
*	FW 1PI-0544B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/24 579'-0''	A 8 AUX	N/A		M-20	M210
			FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM									
*	FW 1APO53	MOV HTRS-DIST. PNL-DIV 17	FISH-H	B/M-C-458	X-2329	119387	P/21 579	A 8 AUX	N/A		22E-0-3064	Q033
			FUNCTION/SERVICE:									
*	FW 1APO54	MOV HTRS-DIST. PNL-DIV 18	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q034
			FUNCTION/SERVICE:									
*	FW 1LP58	REMOTE SHTDN PANEL DIV 18	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3063	T014
			FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES									



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1LP59	REMOTE SHUT. CON. STA. DV. 19	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3061	T015
*												
*	FW 1LP60	REMOTE SHUT. CON. STA. BDP	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3061	T016
*												
*	FW 1RM13	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	J/31 560	T 4 TUNN	N/A		22E-1-3410	W003
*												
*	FW 1RM42	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	G/31 568	T 4 TUNN	N/A		22E-1-3410	W005
*												
*	FW 1AB0191	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/21 592	A 9 AUX	N/A		22E-0-3069	X042
*												
*	FW 1AB0192	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/21 592	A 9 AUX	N/A		22E-0-3069	X043
*												
*	FW 1AB0173	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/24 579	A 8 AUX	N/A		22E-0-3061	X249
*												
*	FW 1AB0174	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/23 579	A 8 AUX	N/A		22E-0-3062	X250
*												
*	FW 1AB0177	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/22 579	A 8 AUX	N/A		22E-0-3062	X251
*												
*	FW 1AB0189	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/22 579	A 8 AUX	N/A		22E-0-3062	X252
*												
*	FW 1AB0703	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	N/20 579	A 8 AUX	N/A		22E-0-3064	X298
*												
*	FW 1AB0705	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	N/20 579	A 8 AUX	N/A		22E-0-3064	X299
*												

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP 1AB019	480V AUX BLDG GE MCC 1331A	7700 LINE	X-2260	103869	K/23	A 9 AUX	N/A		22E-O-3075	0056
	FUNCTION/SERVICE: POWER SUPPLY FOR INST DIST BUS 114; TRANSFORMER; INVERTER									
IP 0LP10	WASTE GAS & RECOVERY PNL		X-2200S	105588	K/15	A 9 AUX	N/A		22E-O-3070	T108
	FUNCTION/SERVICE: CONTROL WASTE GAS AND BORON RECOVERY PANEL									
IP 1AB0190	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/22	A 9 AUX	N/A		22E-O-3069	X041
	FUNCTION/SERVICE: FEED- MISC. TEMPERATURE INDICATOR AND CONTROLS									
IP 1AB0191	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/21	A 9 AUX	N/A		22E-O-3069	X042
	FUNCTION/SERVICE: FEED- MISC. TEMPERATURE INDICATORS AND CONTROLS									
IP 1AB0192	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/20	A 9 AUX	N/A		22E-O-3069	X043
	FUNCTION/SERVICE: FEED- MISC. TEMPERATURE INDICATORS AND CONTROLS									
IP 1AB0193	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/23	A 9 AUX	N/A		22E-O-3068	X044
	FUNCTION/SERVICE: FEED- MISC. TEMPERATURE INDICATORS AND CONTROLS									
IW 1FCV-IW08	SOLENOID OPERATOR	ASCO HBX-8320A26	X-2296	109347	P/23	A12 AUX	N/A	CP-1235-9A	M-39	B251
	FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK									
IW 1FCV-IW09	SOLENOID OPERATOR	ASCO HBX-8320A26	X-2296	109347	P/23	A12 AUX	N/A	CP-1235-9A	M-39	B251
	FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK									
IW 1FCV-IW10	SOLENOID OPERATOR	ASCO HBX-8320A26	X-2296	109347	P/23	A12 AUX	N/A	CP-1235-9A	M-39	B251
	FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK									
IW 1FCV-IW11	SOLENOID OPERATOR	ASCO HBX-8320A26	X-2296	109347	P/23	A12 AUX	N/A	CP-1235-9A	M-39	B251
	FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK									
IW 1FCV-IW12	SOLENOID OPERATOR	ASCO HBX-8320A26	X-2296	109347	P/23	A12 AUX	N/A	CP-1235-9A	M-39	B251
	FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK									
IW 1FCV-IW13	SOLENOID OPERATOR	ASCO HBX-8320A26	X-2296	109347	P/23	A12 AUX	N/A	CP-1235-9A	M-39	B251
	FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK									



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	IW 1FCV-IW14	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/23 568'-0''	A12 AUX	N/A		CP-1235-9A	M-39	B251
		FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK											
*	IW 1FCV-IW15	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/23 568'-0''	A12 AUX	N/A		CP-1235-9A	M-39	B251
		FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK											
*	IW 1AB0229	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X258
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW08											
*	IW 1AB0230	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X259
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW10											
*	IW 1AB0231	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X260
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW12											
*	IW 1AB0232	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X261
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW14											
*	IW 1AB0233	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X262
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW16											
*	IW 1AB0234	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X263
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW09											
*	IW 1AB0235	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574	A12 AUX	N/A			22E-1-3207	X264
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW11											
*	IW 1AB0236	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574	A12 AUX	N/A			22E-1-3207	X265
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW13											
*	IW 1AB0237	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 574	A12 AUX	N/A			22E-1-3207	X266
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW15											
*	IW 1AB0238	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A			22E-1-3207	X267
		FUNCTION/SERVICE: SEAL WATER ISOL VLV 1FCV-IW17											

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHFET		MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO	
		COMPONENT/EQUIPMENT	SHFET											
MS	1MOV-MS0005	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z10	585'-0''	T 3	LSVR	N/A	037354-2	M-20	C501
														FUNCTION/SERVICE:ACTUATES VALVE/TO AUX FEEDWATER PUMP FROM STEAM GENERATORS
MS	1MOV-MS0011	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z16	585'-0''	T 3	LSVR	N/A	037354-2	M-20	C501
														FUNCTION/SERVICE:ACTUATES VALVE/TO AUX FEEDWATER PUMP FROM STEAM GENERATORS
MS	1MS016	HYD. UNIT FOR 1HDV-MS001	WEST	05-10114	X-2261	105591	Z10	570'-0''	T 3	LSVR	N/A	DR-34757	M-20	C502
				TBFC-SKB										FUNCTION/SERVICE:ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR
MS	1MS017	HYD. UNIT FOR 1HDV-MS002	WEST	05-10114	X-2261	105591	Z10	570'-0''	T 3	LSVR	N/A	DR-34757	M-20	C502
				TBFC-SKB										FUNCTION/SERVICE:ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR
MS	1MS018	HYD. UNIT FOR 1HDV-MS003	WEST	05-10114	X-2261	105591	Z16	570'-0''	T 3	LSVR	N/A	DR-34757	M-20	C502
				TBFC-SKB										FUNCTION/SERVICE:ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR
MS	1MS019	HYD. UNIT FOR 1HDV-MS004	WEST	05-10114	X-2261	105591	Z16	570'-0''	T 3	LSVR	N/A	DR-34757	M-20	C502
				TBFC-SKB										FUNCTION/SERVICE:ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR
MS	1MOV-MS017	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z10	598'-0''	T 2	USVR	N/A	6-9V266-01	M-20	C503
														FUNCTION/SERVICE:ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP
MS	1MOV-MS018	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z10	598'-0''	T 2	USVR	N/A	6-9V266-01	M-20	C503
														FUNCTION/SERVICE:ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP
MS	1MOV-MS019	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z16	598'-0''	T 2	USVR	N/A	6-9V266-01	M-20	C503
														FUNCTION/SERVICE:ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP
MS	1MOV-MS020	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z16	598'-0''	T 2	USVR	N/A	6-9V266-01	M-20	C503
														FUNCTION/SERVICE:ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP
MS	1MOV-MS0006	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z16	579'-0''	A12	AUX	N/A	037354-2	M-20	C521
														FUNCTION/SERVICE:ACTUATES VALVE/TO AUX FEEDWATER PUMP FROM STEAM GENERATORS
MS	1PS-MSS51	PRESSURE SWITCH	BARKS-DALE	9672-3					T 4	TUNN	N/A			P001
														FUNCTION/SERVICE:HYD. ACCUM PRESS CONT.

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CDL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS 1PS-MSS52	PRESSURE SWITCH	BARKS-9672-3				T 4 TUNN	N/A			POOL
		FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.								
MS 1PS-MSS53	PRESSURE SWITCH	BARKS-9672-3				T 4 TUNN	N/A			POOL
		FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.								
MS 1PS-MSS54	PRESSURE SWITCH	BARKS-9672-3				T 4 TUNN	N/A			POOL
		FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.								
MS 1APO53	MOV HTRS-DIST. PNL-DIV 17	FISH-H B/M-C-458	X-2329	119387	P/21 579	A 8 AUX	N/A		22E-O-3064	0033
		FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM MOV HEATERS								
MS 1APO54	MOV HTRS-DIST. PNL-DIV 18	FISH-H B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-O-3064	0034
		FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM MOV HEATERS								
MS 1LP57	REMOTE SHDN PANEL DIV 17	FISH-H	X-2329	119387	H/24 579	A 8 AUX	N/A		22E-O-3061	TO13
		FUNCTION/SERVICE: CONTROL & INDICATION FOR MS SYSTEM PUMPS AND VALVES								
MS 1LP59	REMOTE SHDN PNL DIV 19	FISH-H	X-2329	119387	H/24 579	A 8 AUX	N/A		22E-O-3061	TO15
		FUNCTION/SERVICE:								
MS 1RBO137	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	Z16 570	T 3 LSVR	N/A		22E-1-3246	X178
		FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVE 1H0V-M5004, LOOPS B & D								
MS 1RBO138	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	Z16 570	T 3 LSVR	N/A		22E-1-3246	X179
		FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVES 1H0V-M5003,4, LOOPS B & D								
MS 1RBO139	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	Z10 570	T 3 LSVR	N/A		22E-1-3247	X180
		FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVE 1H0V-M5002, LOOP C								
MS 1RBO140	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	Z10 570	T 3 LSVR	N/A		22E-1-3247	X181
		FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVES 1H0V-M5001 & 2, LOOPS A & C								
MS 1RBO141	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	Z10 570	T 3 LSVR	N/A		22E-1-3247	X182
		FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVE 1H0V-M5001, LOOP A & C								



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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS 1RBO146	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16	T 2 USVR	N/A	22E-1-3248	X183	
	FUNCTION/SERVICE:	STEAM GENERATOR 1B, ATMOSPHERE DUMP VALVE 1MOV-M50020								
MS 1RBO387	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z10	T 3 LSVR	N/A	22E-1-3247	X200	
	FUNCTION/SERVICE:	MAIN STEAM ISOLATION BYPASS VALVES 1FCV-MS82, 1FCV-MS83, LOOP A								
MS 1RBO388	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16	T 3 LSVR	N/A	22E-1-3246	X201	
	FUNCTION/SERVICE:	MAIN STEAM ISOLATION BYPASS VALVE 1FCV-MS84, 1FCV-MS85								
MS 1RBO390	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z10	T 3 LSVR	N/A	22E-1-3247	X203	
	FUNCTION/SERVICE:	MAIN STEAM ISOLATION BYPASS VALVES 1FCV-MS82, 1FCV-MS83, LOOPS A,B,C & D								
MS 1RBO391	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z16	T 3 LSVR	N/A	22E-1-3246	X204	
	FUNCTION/SERVICE:	MAIN STEAM ISOLATION BYPASS VALVES 1FCV-MS84, 1FCV-MS85, LOOPS A,B,C & D								
PP OPP-001	COMP. MOTOR UNIT	WEST TBLG	X-2235		P/20	A 9 AUX	N/A	M-73-1	8571	
	FUNCTION/SERVICE:	PP COMPRESSOR MOTOR UNIT								
PP 1PP-001	COMP. MOTOR UNIT	WEST TBLG	X-2235		P/20	A 9 AUX	N/A	M-73-1	8571	
	FUNCTION/SERVICE:	PP COMPRESSOR MOTOR UNIT								
PP OPPL-PP01A	PRESSURE SWITCH	UNITED ELECT.	X-2242		P/20	A 9 AUX	N/A	M-73, M-291	M601	
	FUNCTION/SERVICE:	COMPRESSOR CONTROL/FILTER DRIVER DISCH. HEADER								
PP OPPL-PP01B	PRESSURE SWITCH	UNITED ELECT.	X-2242		P/20	A 9 AUX	N/A	M-73, M-291	M601	
	FUNCTION/SERVICE:	COMPRESSOR CONTROL/FILTER DRIVER DISCH. HEADER								
PP 1PSL-PP22	PRESSURE SWITCH	UNITED ELECT.	X-2242		P/20	A 9 AUX	N/A	M-73, M-291	M601	
	FUNCTION/SERVICE:	COMPRESSOR CONTROL/FILTER DRIVER DISCH. HEADER								
PP 1PT-PP16	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316	P/21	A 9 AUX	N/A	M-73, M-291	M602	
	FUNCTION/SERVICE:	PP ZONE 1 AIR LINE PRESSURE & ALARM/PP ZONE 1 AIR LINE								
PP 1PT-PP17	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316	P/21	A 9 AUX	N/A	M-73, M-291	M602	
	FUNCTION/SERVICE:	PP ZONE 2 AIR LINE PRESSURE & ALARM/PP ZONE 2 AIR LINE								



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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD RUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
PP 1PT-PP18	PRESSURE TRANSMITTER	F&P 50EP1071	X-2316		P/21 592'-0"	A 9 AUX	N/A		M-73,M-291	M602
		FUNCTION/SERVICE: PP ZONE 3 AIR LINE PRESSURE & ALARM/PP ZONE 3 AIR LINE								
PP 1PT-PP19	PRESSURE TRANSMITTER	F&P 50EP1071	X-2316		P/21 592'-0"	A 9 AUX	N/A		M-73,M-291	M602
		FUNCTION/SERVICE: PP ZONE 4 AIR LINE PRESSURE & ALARM/PP ZONE 4 AIR LINE								
PP 1AB0551	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	N/20 592	A 9 AUX	N/A		22E-0-3071	X296
		FUNCTION/SERVICE: PP AIR SUPPLY HDR PRESSURE HI-LOW ALARM 1FIR-PP23								
		FUNCTION/SERVICE: PP AIR COMPRESSOR 1; 1SV-SW137,139, 1PSL-PP22								
PP 1AB0552	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	N/20 592	A 9 AUX	N/A		22E-0-3071	X297
		FUNCTION/SERVICE: PP AIR COMPRESSOR 0; OPSL-PP01A, -PP01B; OSV-SW55, -SW57								
PR 1AB0206	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 590	A12 AUX	N/A		22E-1-3207	X253
		FUNCTION/SERVICE: RX LEAK DETECT. AIR SPACE SAMPLE ISOL. VLVS. 1FCV-PR19A,20A,21A,22A,23A								
PR 1AB0207	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 590	A12 AUX	N/A		22E-1-3207	X254
		FUNCTION/SERVICE: RX VESSEL LEAK DETECT. AIR SAMPLE ISOL VLVS. 1FCV-PR19B,20B,21B,22B,23B								
PR 1AB0227	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX	N/A		22E-1-3207	X256
		FUNCTION/SERVICE: CONTAINMENT AIR SAMPLE ISOL. VLV 1FCV-PR24A								
PR 1AB0228	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX	N/A		22E-1-3207	X257
		FUNCTION/SERVICE: CONTAINMENT AIR SAMPLE INLET ISOL. VLV 1FCV-PR24								
PR 1AB0418	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/25 617	A 9 AUX	N/A		22E-0-3075	X293
		FUNCTION/SERVICE: CONTROL INTERLOCK RADIATION MONITOR SYS								
RC 1LI-4608	LEVEL INDICATOR	WESCHLER	X-2200	138768	J/23 579'-0"	A 8 AUX	N/A			M306
		FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL								
RC 1LI-4598	LEVEL INDICATOR	WEST	VX-252	X-2200	J/23 579'-0"	A 8 AUX	N/A			M307
		FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL								



COMPONENT/EQUIPMENT ID SHEET

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RC	1PI-0455B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/23 579'-0''	A 8 AUX	N/A			M307
* FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE												
RC	1LP57	REMOTE SHTDN PANEL DIV 17	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3061	T013
* FUNCTION/SERVICE: CONT & INDIC FOR RC SYS PUMPS AND VALVES												
RC	1LP58	REMOTE SHTDN PANEL DIV 18	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3063	T014
* FUNCTION/SERVICE: CONTROL AND INDICATION FOR RC SYS PUMPS AND VALVES												
RC	1AB0190	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/22 592	A 9 AUX	N/A		22E-0-3069	X041
* FUNCTION/SERVICE: DEAD WEIGHT STATION (TEST)												
RC	1AB0207	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	P/23 590	A 12 AUX	N/A		22E-1-3207	X254
* FUNCTION/SERVICE: PRESS RELIEF VLV SPRAY LINE CONTAINER ISOL VLV 1A0V-RC8028												
RC	1AB0312	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	P/23 582	A 12 AUX	N/A		22E-1-3207	X273
* FUNCTION/SERVICE: PRESS RELIEF TO GAS ANALYZER VLV 1A0V-RC8025												
RC	1AB0314	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 582	A 12 AUX	N/A		22E-1-3207	X274
* FUNCTION/SERVICE: REMOTE OPERATED VLV RC SYS												
RC	1AB0347	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 582	A 12 AUX	N/A		22E-1-3207	X283
* FUNCTION/SERVICE: PRESS RELIEF TK TO GAS ANALYZER VLV 1A0V-RC8026												
RC	1AB0348	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	P/23 590	A 12 AUX	N/A		22E-1-3207	X284
* FUNCTION/SERVICE: PRESS RELIEF TK SPRAY LINE CONTAINER ISOL VLV 1A0V-RC8029												
RC	1AB0349	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 598	A 12 AUX	N/A		22E-1-3207	X285
* FUNCTION/SERVICE: CONTROL PRT N2 SUPPLY LINE CONTAINER ISOL VLV 1A0V-RC8033												
RH	1MOV-RH9000	VALVE MOTOR OPERATOR	LMTQ SMP-1		G-676258	103251	R/23 575'-0''	A 12 AUX	N/A	93-12858	M-62	A254
* FUNCTION/SERVICE: ACTUATES VALVE/TO HOT LEG INJECTION FROM RH EXCHANGER												
RH	1A054	MOV HTRS-DIST. PNL-DIV 18	FISH-H B/M-C-458		X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q034
* FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS MOV HTRS 1MOV-RH8702, 1MOV-RH8703, 1MOV-RH9000												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RV 1RV050	HYDRO. RECOM. BLOWER	BUFF FORG	5K1B2CK742	X-2361		N/23 617'-0''	A 9 AUX	N/A	7W-83208		0001
*	RV 1RV020	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276	113424	M/24 617'-0''	A 9 AUX	N/A		M-536, M-382	FO02
*	RV 1RV021	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276	113424	L/24 617'-0''	A 9 AUX	N/A		M-536, M-382	FO02
*	RV 1TY-RV128A	TEMPERATURE SWITCH	UNITED	C-300 ELECT.	X-2286	123163	L/25 617'-0''	A 8 AUX	N/A			1402
*	RV 1TY-RV128B	TEMPERATURE SWITCH	UNITED	C-300 ELECT.	X-2286	123163	L/25 617'-0''	A 8 AUX	N/A			1402
*	RV 1TY-RV129A	TEMPERATURE SWITCH	UNITED	C-300 ELECT.	X-2286	123163	L/25 617'-0''	A 8 AUX	N/A			1402
*	RV 1TY-RV129B	TEMPERATURE SWITCH	UNITED	C-300 ELECT.	X-2286	123163	L/25 617'-0''	A 8 AUX	N/A			1402
*	RV 1MY-RV42	HUMIDITY IND. TRANSDUCER	TAYLOR	10H5	X-2286	123163	M/23 617'-0''	A 9 AUX	N/A		M-536	M902
*	RV 1MY-RV43	HUMIDITY IND. TRANSDUCER	TAYLOR	10H5	X-2286	123163	M/23 617'-0''	A 9 AUX	N/A		M-536	M902
*	RV 1MY-RV44	HUMIDITY IND. TRANSDUCER	TAYLOR	10H5	X-2286	123163	M/23 617'-0''	A 9 AUX	N/A		M-536	M902
*	RV 1MY-RV42A	MV/I CONVERTER	ACRMAG	311-BX-U	X-2329		M/23 617'-0''	A 9 AUX	N/A		M-536	M903
*	RV 1MY-RV43A	MV/I CONVERTER	ACRMAG	311-BX-U	X-2329		M/23 617'-0''	A 9 AUX	N/A		M-536	M903

COMPONENT/EQUIPMENT ID SHEET													
* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV	1MY-RV44A	MV/I CONVERTER	ACRMAG	311-BX-U	X-2329		M/23 617'-0''	A 9 AUX	N/A			M-536	M903
FUNCTION/SERVICE: CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION C													
RV	1LP22	CONTAIN VENT SYS. PANEL	POWERS REGULATOR		X-2286	123163	M/23 617	A 9 AUX	N/A	220-P-3036 SH.1		22E-1-3206	T029
FUNCTION/SERVICE: CONTAINMENT VENT SYSTEM CONTROL & INSTR 1MY-RV42, 1MY-RV43, 1MY-RV44 & HYDROGEN PURGE FANS 1RVO20 ANS 1RVO21													
RV	1AB0131	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 582	A 12 AUX	N/A			22E-1-3207	X062
FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV113													
RV	1AB0132	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 582	A 12 AUX	N/A			22E-1-3207	X063
FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV111													
RV	1AB0133	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 582	A 12 AUX	N/A			22E-1-3207	X064
FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV114													
RV	1AB0134	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 582	A 12 AUX	N/A			22E-0-3092	X065
FUNCTION/SERVICE: HEATING WATER ISOLATION VALVE 1FCV-RV112													
RV	1AB0138	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 590	A 12 AUX	N/A			22E-1-3207	X067
FUNCTION/SERVICE: CONTAINMENT RELIEF ISOLATION VALVE 1A0V-RV006													
RV	1AB0139	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/23 590	A 12 AUX	N/A			22E-1-3207	X068
FUNCTION/SERVICE: CONTAINMENT RELIEF ISOLATION VALVE 1A0V-RV005													
SI	1MOV-S18809B	VALVE MOTOR OPERATOR	LMTQ	SMB-3-100	G-676258	091710	R/23 590'-6''	A 12 AUX	N/A	88919		M-65	A004
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH													
SI	1MOV-S18809A	VALVE MOTOR OPERATOR	LMTQ	SMB-3-100	G-676258	091710	P/23 590'-6''	A 12 AUX	N/A	88919		M-65	A004
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH													
SI	1MOV-S18801A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	R/23 578'-0''	A 12 AUX	N/A	53-13106		M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK													

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 1MOV-S18801B	VALVE MOTOR OPERATOR	SMB-0	G-676258 067762	067762	R/23 578'-0"	A12 AUX	N/A 93-13106	M-64	M-64	A007
	FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK									
SI 1MOV-S18802	VALVE MOTOR OPERATOR	SMB-0	G-676258 067762	067762	P/23 569'-0"	A12 AUX	N/A 93-13106	M-64	M-64	A007
	FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM SI PUMP									
SI 1MOV-S18803A	VALVE MOTOR OPERATOR	SMB-0	G-676258 067762	067762	R/23 590'-6"	A12 AUX	N/A 93-13106	M-64	M-64	A007
	FUNCTION/SERVICE:ACTUATES VALVE/TO BORON INJ. TANK FROM CHARGING PUMPS									
SI 1MOV-S18803B	VALVE MOTOR OPERATOR	SMB-0	G-676258 067762	067762	R/23 590'-0"	A12 AUX	N/A 93-13106	M-64	M-64	A007
	FUNCTION/SERVICE:ACTUATES VALVE/TO BORON INJ. TANK FROM CHARGING PUMPS									
SI 1MOV-S19011A	VALVE MOTOR OPERATOR	SMB-0	G-676258 067762	067762	P/23 590'-0"	A12 AUX	N/A 93-13106	M-64	M-64	A007
	FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS									
SI 1MOV-S19011B	VALVE MOTOR OPERATOR	SMB-0	G-676258 067762	067762	P/23 590'-0"	A12 AUX	N/A 93-13106	M-54	M-54	A007
	FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS									
SI 1MOV-S18813	VALVE MOTOR OPERATOR	SMB-00-25	G-676258 091710	091710	L/23 579'-0"	A12 AUX	N/A 137-116-1	M-64	M-64	A012
	FUNCTION/SERVICE:ACTUATES VALVE/SI TEST LINE TO RWST									
SI 1MOV-S18814	VALVE MOTOR OPERATOR	SMB-00-25	G-676258 091710	091710	L/23 579'-0"	A12 AUX	N/A 137-116-1	M-64	M-64	A012
	FUNCTION/SERVICE:ACTUATES VALVE/SI TEST LINE TO RWST									
SI 1APO53	MOV HTRS-DIST. PNL-DIV 17	FISH-H B/M-C-458	X-2329 119387	119387	P/21 579	A 8 AUX	N/A	22E-0-3064	22E-0-3064	0033
	FUNCTION/SERVICE:PWR SUP FOR SAF INJ SYS MOV HEATERS									
SI 1APO54	MOV HTRS-DIST. PNL-DIV 18	FISH-H B/M-C-458	X-2329 119387	119387	P/20 579	A 8 AUX	N/A	22E-0-3064	22E-0-3064	0024
	FUNCTION/SERVICE:PWR SUP FOR SAF INJ SYS MOV HEATERS									
SI 1AB0191	JUNCTION BOX	FISH-H EM-47150	X-2329 119387	119387	K/21 592	A 9 AUX	N/A	22E-1-3207	22E-1-3207	X042
	FUNCTION/SERVICE:BORIC ACID TO CHARGING PU. HEADER FLOW									
SI 1AB0125	JUNCTION BOX	FISH-H EM-47150	X-2329 119387	119387	R/23 598	A12 AUX	N/A	22E-1-3207	22E-1-3207	X100
	FUNCTION/SERVICE:BORON INJECTION TANK TEMP. BANK A HEATER POWER									



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1AB0126	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 598	A12 AUX	N/A		22E-1-3207	X101
FUNCTION/SERVICE: BORON INJECTION TANK TEMP. BANK B HEATER POWER												
SI	1AB0341	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A		22E-1-3207	X103
FUNCTION/SERVICE: BORON INJECTION TANK TO BORIC ACID TANK VALVE 1A0V-SI8870B												
SI	1AB0342	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 574	A12 AUX	N/A		22E-1-3207	X104
FUNCTION/SERVICE: BORON INJECTION TANK TO BORIC ACID TANK VALVE 1A0V-SI8870A												
SI	1AB0343	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/23 582	A12 AUX	N/A		22E-1-3207	X105
FUNCTION/SERVICE: NITROGIN SUPPLY TO ACCUM. TANKS 1A0V-SI8880												
SI	1AB0344	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 582	A12 AUX	N/A		22E-1-3207	X106
FUNCTION/SERVICE: SI PUMP TEST LINE ISOLATION VALVE 1A0V-SI8888												
SI	1AB0345	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 590	A12 AUX	N/A		22E-1-3207	X107
FUNCTION/SERVICE: BORIC ACID TRANS. PUMPS TO BORON INJECTION TANK ISOL. VALVE 1A0V-SI8883												
SW	1MOV-SW0100	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/23 579'-0''	A 8 AUX	N/A	13-10-31419	M-32-1	C753
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE ROOM FROM SW STRAINERS												
SW	1MOV-SW0115	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/23 579'-0''	A 8 AUX	N/A	13-10-31419	M-32-2	C753
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE ROOM FROM SW STRAINERS												
SW	1MOV-SW0101	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO MOTOR DRIVEN AUX FW PUMP												
SW	1MOV-SW0102	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/22 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE DRIVEN AUX FW PUMP												
SW	1MOV-SW0103	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO MOTOR DRIVEN AUX FW PUMP												
SW	1MOV-SW0104	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FW PUMP 1B												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	SW 1MOV-SW0105	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
												FUNCTION/SERVICE:ACTUATES VALVE/TO AUX FW PUMP 1C
*	SW 1MOV-SW0106	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
												FUNCTION/SERVICE:ACTUATES VALVE/AUX FW PUMP ISOLATION
*	SW 1MOV-SW0107	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
												FUNCTION/SERVICE:ACTUATES VALVE/AUX FW PUMP ISOLATION
*	SW 1PSL-SW13	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A 8 AUX	N/A			M501
												FUNCTION/SERVICE:SERVICE WATER FLOW CONTROL/SW PUMP 1A DISCHARGE
*	SW 1PSL-SW14	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A 8 AUX	N/A			M501
												FUNCTION/SERVICE:SERVICE WATER FLOW CONTROL/SW PUMP 1B DISCHARGE
*	SW 1PSL-SW15	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A 8 AUX	N/A			M501
												FUNCTION/SERVICE:SERVICE WATER FLOW CONTROL/SW PUMP 1C DISCHARGE
*	SW 1PT-SW107	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		G/23 579'-0''	A 8 AUX	N/A		M-32,M-299	M504
												FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATION & ALARM
*	SW 1AP054	MOV HTRS-DIST. PNL-DIV 18	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q034
												FUNCTION/SERVICE:POWER SUPPLY SW SYS MOV HEATERS
*	VC 1VC006	PUMP MOTOR UNIT	WEST	HSDP	677125		K/23 579'-0''	A14 AUX	N/A	209C402	M-55	B501
												FUNCTION/SERVICE:ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 1A
*	VC 1VC007	PUMP MOTOR UNIT	WEST	HSDP	677125		K/25 579'-0''	A14 AUX	N/A	209C402	M-55	B501
												FUNCTION/SERVICE:ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 1B
*	VC 1VC008	PUMP MOTOR UNIT	WEST	TBDP	677125		K/26 579'-0''	A14 AUX	N/A	209C402	M-55	B502
												FUNCTION/SERVICE:ACTUATES PUMP/POSITIVE DISPLACEMENT PUMP 1C
*	VC 1MOV-VC8110	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	L/23 585'-0''	A14 AUX	N/A	137-116-1	M-55	B503
												FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.

COMPONENT/EQUIPMENT ID SHEET

* 5Y	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO.
VC	1MOV-VC8111	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	L/23 585'-0''	A14 AUX	N/A	137-116-1	M-55	B503
FUNCTION/SERVICE: ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.												
VC	1MOV-VC-LCV 112B	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/22 618'-0''	A 9 AUX	N/A	93-13114	M-55	B504
FUNCTION/SERVICE: ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS												
VC	1MOV-VC-LCV 112C	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/22 618'-0''	A 9 AUX	N/A	93-13114	M-55	B504
FUNCTION/SERVICE: ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS												
VC	1FI-121B	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/24 579'-0''	A 8 AUX	N/A		22E-1-4303	N303
FUNCTION/SERVICE: CHARGING LINE FLOW INDICATION/CHARGING LINE												
VC	1AP053	MOV HTRS-DIST. PNL-DIV 17	FISH-H	B/M-C-458	X-2329	119387	P/21 579	A 8 AUX	N/A		22E-0-3064	Q033
FUNCTION/SERVICE: PWR SUP FOR VC SYS MOV HTRS												
VC	1LP57	REMOTE SHTDN PANEL DIV 17	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3061	T013
FUNCTION/SERVICE: CONT & INDIC FOR VC SYS PUMPS AND VALVES												
VC	1LP58	REMOTE SHTDN PANEL DIV 18	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3063	T014
FUNCTION/SERVICE: CONTROL AND INDICATION FOR VC SYS PUMPS AND VALVES												
VC	1LP59	REMOTE SHTDN PANEL DIV 19	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3061	T015
FUNCTION/SERVICE: CONT & INDIC FOR VC SYS PUMPS AND VALVES												
VC	1LP60	REMOTE SHTDN PANEL BOP	FISH-H		X-2329	119387	H/24 579	A 8 AUX	N/A		22E-0-3061	T016
FUNCTION/SERVICE:												
VC	OLP10	WASTE GAS & RECOVERY PNL	WEST		X-22005	105588	K/15 592	A 9 AUX	N/A		22E-0-3070	T10F
FUNCTION/SERVICE:												
VC	1AB0110	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/18 592	A 9 AUX	N/A		22E-0-3069	X033
FUNCTION/SERVICE: BORIC ACID TANK OA HEATER												
VC	1AB0111	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/20 592	A 9 AUX	N/A		22E-0-3069	X034
FUNCTION/SERVICE: BORIC ACID TANK OB HEATER												

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	1AB0050	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/22 579		A12 AUX	N/A	22E-0-3064	X037
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
VC	1AB0169	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21 617		A 9 AUX	N/A	22E-0-3078	X038
*				FUNCTION/SERVICE:								
VC	1AB0170	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21 617		A 9 AUX	N/A	22E-0-3078	X039
*				FUNCTION/SERVICE:								
VC	1AB0171	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21 617		A 9 AUX	N/A	22E-0-3078	X040
*				FUNCTION/SERVICE:								
VC	1AB0190	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/22 592		A 9 AUX	N/A	22E-0-3069	X041
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
VC	1AB0191	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/21 592		A 9 AUX	N/A	22E-0-3069	X042
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
VC	1AB0192	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/20 592		A 9 AUX	N/A	22E-0-3069	X043
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
*				FUNCTION/SERVICE:								
VC	1AB0193	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/23 592		A 9 AUX	N/A	22E-0-3068	X044
*				FUNCTION/SERVICE:								
VC	1AB0215	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 590		A12 AUX	N/A	22E-1-3207	X045
*				FUNCTION/SERVICE:								
VC	1AB0216	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 590		A12 AUX	N/A	22E-1-3207	X046
*				FUNCTION/SERVICE:								

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 1AB0219		JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/21 592	A 9 AUX	N/A		22E-0-3071	X047
			FUNCTION/SERVICE: DIVERTER TO BDM VLV 1A0V-VC8167									
VC 1AB0220		JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/23 592	A10 AUX	N/A		22E-0-3071	X048
			FUNCTION/SERVICE: LETDOWN FLOW DIVERTER VLV 1TCV-VC129									
VC 1K-1022		JUNCTION BOX		EB-214			L/22 597	A10 AUX	N/A		22E-1-3410	X300
			FUNCTION/SERVICE: UPSTREAM RC PUMP SEAL WATER RETURN 1FQY-VC21									
VC 1K-1035		JUNCTION BOX		EB-214			L/22 596	A 9 AUX	N/A		22E-1-3410	X301
			FUNCTION/SERVICE: UPSTREAM LETDOWN HEAT EXCHANGE OUTLET 1FQY-VC22									

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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH: ORD NO. 34580N, S/N: 123287, OPERATOR MOTOR: Y-242814M, FR: 256UR3, 346ORPM.

COMP/EQUIP CLASS B INSULATION, S.F. = 100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL TYPE SMB-3-100

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A 9 330		298	ADS1001		ADS1003 CONCURRENT			ARS1070 A004
PRESS PSIA	ZONE A 9 UNKNOWN		90	ADS1001		ADS1003 CONCURRENT			ARS1070 A004
REL HUMID%	ZONE A 9 100		100	ADS1001		ADS1003 CONCURRENT			ARS1070 A004
RADIATION	ZONE A 9 1.0E04		2.0E08 RADS	ADS1001		ADS1004 SEPARATE			ARS1070 A004
OPR TME MN	MEDIUM TERM								ARS1070 A004
CHEM SPRAY	N/A								ARS1070 A004
AGING			40 YRS & ACCIDENT			ADS1004 SEPARATE			ARS1070 A004
SUBMURGNC	N/A								ARS1070 A004

DOCUMENTATION

 ADS1001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADS1003 FRANKLIN INST. TEST REPORT F-C2485-01
 ADS1004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

 ARS1070 EQUIPMENT REQUIRED TO FUNCTION ONLY AFTER A LOCA. FOR LOCA THIS EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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QUALIFICATION DATA SHEET

SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.348862A, S/N:124021,OPERATOR MOTOR:PEERLESS:KX-06157, FR:PH56, TYPE:P.

COMP/EQUIP S.F.=100+(MEG OHMS), B INSULATION

MANUFACTURER LIMITORQUE CONTROL

MODEL TYPE SMB-O

ACCURACY	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	298	ADS1001	ADS1003	CONCURRENT	ADS1003	CONCURRENT	ARSIO65	A007
TEMP DEG F	ZONE A12	282							
PRESS PSIA	ZONE A12	UNKNOWN	ADS1001	ADS1003	CONCURRENT	ADS1003	CONCURRENT	ARSIO65	A007
REL HUMID%	ZONE A12	100	ADS1001	ADS1003	CONCURRENT	ADS1003	CONCURRENT	ARSIO65	A007
RADIATION	ZONE A12	2.0E07	ADS1001	ADS1004	SEPARATE	ADS1004	SEPARATE	ARSIO80	A007
DPE TME MN	SHORT/LONG TERM							ARSIOE1	A007
CHEM SPRAY	N/A								A007
AGING		40 YRS & ACCIDENT						ARSIO65	A007
SUBMERGENC	N/A								A007

DOCUMENTATION

ADS1001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADS1003 FRANKLIN INST. TEST REPORT F-C2485-01
 ADS1004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

ARSIO51 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK FOR VALVES MOV-S18802, MOV-S18803A&B, LONG TERM OPERATION IS REQUIRED FOR LOCA & LINE BREAK FOR VALVES MOV-S18802, MOV-S1901A&B.
 ARSIO65 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. QUALIFICATION BY EXPERIENCE.
 ARSIO80 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION HAS BEEN PROVIDED.

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SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:DRD,NO.345804D, S/N:113914, OPERATOR MOTOR:PEERLESS-DX00330, FR:12PG, 460/3/60, 1775RPM
 COMP/EQUIP S.F.=100(MEG OHMS), DRIP PROOF ENCLOSURE CLASS B INSULATION

MANUFACTURER LIMITORQUE CONTROL

MODEL TYPE SMB-00-25

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE A12	282	298	ADS1001		ADS1003	CONCURRENT		ARS1065 A012
PRESS PSIA	ZONE A12	UNKNOWN	90	ADS1001		ADS1003	CONCURRENT		ARS1065 A012
REL HUMID%	ZONE A12	100	100	ADS1001		ADS1003	CONCURRENT		ARS1065 A012
RADIATION	ZONE A12	2.0E07	2.0E08 RADS	ADS1001		ADS1004	SEPARATE		ARS1080 A012
OPE TME MN	SHORT TERM								ARS1052 A012
CHEM SPRAY		N/A							ARS1065 A012
AGING			40 YRS & ACCIDENT			ADS1004	SEPARATE		ARS1080 A012
SUBMURGNC		N/A							ARS1052 A012

DOCUMENTATION

ADS1001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADS1003 FRANKLIN INST. TEST REPORT F-C2485-01
 ADS1004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

ARS1052 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS NOT NEEDED SINCE THE COMPONENT IS REQUIRED ONLY SHORT TERM.
 ARS1065 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE LEAK. QUALIFICATION BY EXPERIENCE.
 ARS1080 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION HAS BEEN PROVIDED.

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SYSTEM RESTDUAL HEAT REMOVAL (RH)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345629B, S/N:116216, OPERATOR MOTOR:RELIANCE-463493-EV, TYPE:P, FR:T56, 3400RPM
 COMP/EQUIP 230/460/3/60, B INSULATION, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-1

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F ZONE A12	282		298	ADRHO01			ADRHO02	CONCURRENT		ARRHO65 A254
PRESS PSIA ZONE A12	UNKNOWN		90	ADRHO01			ADRHO02	CONCURRENT		ARRHO65 A254
REL HUMID% ZONE A12	100		100	ADRHO01			ADRHO02	CONCURRENT		ARRHO65 A254
RADIATION ZONE A12	2.0E07		2.0E08 RADS	ADRHO01			ADRHO03	SEPARATE		ARRHO51 A254
OPE TME MN LONG TERM										ARRHO50 A254
CHEM SPRAY	N/A									A254
AGING			40 YRS & ACCIDENT				ADRHO03	SEPARATE		A254
SUBMURGEC	N/A									A254

DOCUMENTATION

ADRHO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADRHO02 FRANKLIN INST. TEST REPORT F-C2485-01
 ADRHO03 WCAP 7410-L SECT. 5 VOL.1 OF II

OUTSTANDING ITEMS/REMARKS

ARRHO50 LONG TERM OPERATION IS REQUIRED FOR LOCA ONLY.
 ARRHO51 FOR LOCA THE ONLY HARSH PARAMETER FOR THIS ZONE IS RADIATION. QUALIFICATION HAS BEEN PROVIDED.
 ARRHO65 PARAMETER IS NON HARSH FOR LOCA. QUALIFICATION BY EXPERIENCE.

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SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:DRD.NQ.351864A, S/N:128906,OPERATOR MOTOR:RELIANCE-480438-CW, TYPE:P, FR:P56, B INSUL.

COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A12	282	298	BDC1002		BDC1003	CONCURRENT		BRC1064	BOO1
PRESS PSIA	ZONE A12	UNKNOWN	90	BDC1002		BDC1003	CONCURRENT		BRC1064	BOO1
REL HUMID%	ZONE A12	100	100	BDC1002		BDC1003	CONCURRENT		BRC1064	BOO1
RADIATION	ZONE A12	2.0E07	2.0E08 RADS	BDC1002		BDC1004	SEPARATE		BRC1050	BOO1
OPE TME MN	SHORT TERM								BRC1050	BOO1
CHEM SPRAY	N/A									BOO1
AGING			40 YRS & ACCIDENT			BDC1004	SEPARATE			BOO1
SUBMERGENC	N/A									BOO1

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDC1003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDC1004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRC1050 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.
 BRC1064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

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SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP SOLENOID OPERATOR

MANUFACTURER AMERICAN SWITCH CO.

MODEL LB -831654

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12	282	SEE REMARKS	BDC1002	ANALYSIS		BRC1064	B002
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDC1002	ANALYSIS		BRC1064	B002
REL HUMID%	ZONE A12	100	SEE REMARKS	BDC1002	ANALYSIS		BRC1064	B002
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDC1002	ANALYSIS		BRC1050	B002
OPE TME MN	SHORT TERM		SEE REMARKS				BRC1050	B002
CHEM SPRAY	N/A		SEE REMARKS				BRC1001	B002
AGING								
SUBMERGENC	N/A							

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CE755 SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1050 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

BRC1064 FOR LOCA OR MAIN STEAM/FEEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

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SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.340198A, S/N:105660,OPERATOR MOTOR.93302773, TYPE:DAT, FR:C184, DHMS)

COMP/EQUIP 230/460/3/60, S.F.=100*(MEG DHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-2

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS OUTST**	COMPL NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			
TEMP DEG F ZONE T 3	550		298	BDC1002		BDC1003	CONCURRENT		B003
PRESS PSIA ZONE T 3	63.7		90	BDC1002		BDC1003	CONCURRENT		B003
REL HUMID% ZONE T 3	100		100	BDC1002		BDC1003	CONCURRENT		B003
RADIATION ZONE T 3			2.0E08 RADS	BDC1002		BDC1004	SEPARATE		B003
OPE TME MN SHORT TERM								BRC1050	B003
CHEM SPRAY	N/A								B003
AGING			40 YRS & ACCIDENT			BDC1004	SEPARATE		B003
SUBMERCENC	N/A								B003

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDC1003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDC1004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRC1050 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

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SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTURER AMERICAN SWITCH CO.
 MODEL HPX-8320A25.26

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE T 3	350	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	BO04
PRESS PSIA	ZONE T 3	63.7	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	BO04
REL HUMID%	ZONE T 3	100	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	BO04
RADIATION	ZONE T 3		SEE REMARKS	BDC1002			ANALYSIS		BRC1075	BO04
OPE TME MN	SHORT TERM		SEE REMARKS						BRC1075	BO04
CHEM SPRAY	N/A									BO04
AGING			SEE REMARKS				ANALYSIS		BRC1001	BO04
SUBMERC	N/A									BO04

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

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SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP SOLENOID OPERATOR

MANUFACTURER AMERICAN SWITCH CO.

MODEL LB-83146

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12	2B2	SEE REMARKS	BDC1002				ANALYSIS		BRC1064	E005
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDC1002				ANALYSIS		BRC1064	B005
REL HUMID%	ZONE A12	100	SEE REMARKS	BDC1002				ANALYSIS		BRC1064	B005
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDC1002				ANALYSIS		BRC1075	B005
OPE TME M ^N	SHORT TERM							ANALYSIS		BRC1075	B005
CHEM SPRAY	N/A										B005
AGING											
SUBMERGENC	N/A							ANALYSIS		BRC1001	B005

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CE755 SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE POSITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

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SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTURER AMERICAN SWITCH CO.
 MODEL LB-831654

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12	282	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B006	
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B006	
REL HUMID%	ZONE A12	100	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B006	
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDC1002			ANALYSIS		BRC1075	B006	
OPE TME MN	SHORT TERM		SEE REMARKS				ANALYSIS		BRC1075	B006	
CHEM SPRAY	N/A									B006	
AGING			SEE REMARKS				ANALYSIS		BRC1001	B005	
SUBMERCENC	N/A									B006	

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECD SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

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SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH CO.
 MODEL HBX-8320A26

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12	282	SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07	
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07	
REL HUMID%	ZONE A12	100	SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07	
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07	
OPE TME MN	SHORT TERM		SEE REMARKS				ANALYSIS		BRC1075	BO07	
CHEM SPRAY	N/A								BRC1001	BO07	
AGING			SEE REMARKS				ANALYSIS		BRC1001	BO07	
SUBMERGENC	N/A									BO07	

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

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 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH: ORD. NO. 351245A, S/N: 131669, OPERATOR MOTOR: RELIANCE-447006-DW, TYPE: P, FR: K48, B INSUL.

COMP/EQUIP 230/460/3/60, S.F. = 100 (MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-000

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	OUTST**	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A12	282	298	BDC1002		BDC1003	CONCURRENT		BRC1032	BO08
PRESS PSIA	ZONE A12	UNKNOWN	90	BDC1002		BDC1003	CONCURRENT		BRC1032	BO08
REL HUMID%	ZONE A12	100	100	BDC1002		BDC1003	CONCURRENT		BRC1032	BO08
RADIATION	ZONE A12	2.0E07	2.0E08 RADS	BDC1002		BDC1004	SEPARATE		BRC1033	BO08
OPE TME MN	SHORT TERM								BRC1059	BO08
CHEM SPRAY	N/A									BO08
AGING			40 YRS & ACCIDENT			BDC1004	SEPARATE			BO08
SUBMERCENC	N/A									BO08

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDC1003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDC1004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

BRC1032 PARAMETER IS NON HARSH FOR THE ACCIDENT WHICH THIS COMPONENT HAS TO OPERATE.

BRC1033 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION IS PROVIDED.
 BRC1059 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH. ORD. NO. 345804A, S/N: 119513, OPERATOR MOTOR: RELIANCE-463489-GV, TYPE: P, FR: R56, B INSUL.
 COMP/EQUIP 230/460/3/60, S.F. = 100(MEG DHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-0

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC				OUTST**
TEMP DEG F ZONE A12	282		298	BDCI002	BDCI003	CONCURRENT	BRCI032	B009
PRESS PSIA ZONE A12	UNKNOWN		90	BDCI002	BDCI003	CONCURRENT	BRCI032	B009
REL HUMID% ZONE A12	100		100	BDCI002	BDCI003	CONCURRENT	BRCI032	B009
RADIATION ZONE A12	2.0E07		2.0E08 RADS	BDCI002	BDCI004	SEPARATE	BRCI033	B009
OPE TME MN SHORT TERM							BRCI059	B009
CHEM SPRAY	N/A							B009
AGING			40 YRS & ACCIDENT		BDCI004	SEPARATE		B009
SUBMURGENC	N/A							B009

DOCUMENTATION

BDCI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDCI003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDCI004 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

BRCI032 PARAMETER IS NON HARSH FOR THE ACCIDENT WHICH THIS COMPONENT HAS TO OPERATE.

BRCI033 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION IS PROVIDED.
 BRCI059 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

3306

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM ISOLATION VALVE SEAL WATER (IW)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTURER AMERICAN SWITCH CO.
 MODEL HBX-8320A26

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION REFERENCE	DOCUMENTATION REFERENCE	PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE REMARKS	SEE REMARKS	BDIWO01	BDIWO01	BDIWO01	B251	BRIWO21	B251
PRESS PSIA	ZONE A12 UNKNOWN	SEE REMARKS	SEE REMARKS	BDIWO01	BDIWO01	BDIWO01	B251	BRIWO21	B251
REL HUMID%	ZONE A12 100	SEE REMARKS	SEE REMARKS	BDIWO01	BDIWO01	BDIWO01	B251	BRIWO21	B251
RADIATION	ZONE A12 2.0E07	SEE REMARKS	SEE REMARKS	BDIWO01	BDIWO01	BDIWO01	B251	BRIWO51	B251
OPER TIME MN	SHORT TERM	SEE REMARKS	SEE REMARKS	BDIWO01	BDIWO01	BDIWO01	B251	BRIWO50	B251
CHEM SPRAY	N/A						B251		B251
AGING							B251		B251
SUBMERGENC	N/A						B251		B251

DOCUMENTATION
 BDIWO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRIWO21 PARAMETER IS NON HARSH FOR A LOCA. OF MAIN STEAM/FEEDWATER LINE BREAK. QUALIFICATION BY EXPERIENCE.
 BRIWO50 SHORT TERM OPERATION IS REQUIRED FOR LOCA PER FSAR.
 BRIWO51 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION FOR RADIATION IS NOT NEEDED SINCE THE COMPONENT IS REQUIRED FOR SHORT TERM.

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QUALIFICATION DATA SHEET

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SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VC PUMP MOTOR UNIT/STYLE:69E43441, FR:5808, S/N:1570, 400/3/60, 400 AMB., LAC INDUCTION MOTOR

MANUFACTURER WESTINGHOUSE

MODEL HSDP

ACCURACY

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	OUTST**	COMP	NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL					
TEMP DEG F	ZONE A14	282					BDVCO01		BRVCO22	B501	
PRESS PSIA	ZONE A14	UNKNOWN					BDVCO01		BRVCO22	B501	
REL HUMID%	ZONE A14	100					BDVCO01		BRVCO22	B501	
RADIATION	ZONE A14	2.0E07					BDVCO01		BRVCO21	B501	
OPE TME MN	LONG TERM								BRVCO50	B501	
CHEM SPRAY	N/A									B501	
AGING										B501	
SUBMURGENC	N/A									B501	

DOCUMENTATION

BDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVCO21 PARAMETER IS HARSH FOR A LOCA.
 BRVCO22 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK INSIDE CONTAINMENT.
 BRVCO50 LONG TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM LINE BREAK. LONG TERM OPERATION IS REQUIRED FOR HIGH ENERGY LINE BREAK IN THE AUXILLARY BUILDING.

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QUALIFICATION DATA SHEET

SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VC PUMP MOTOR UNIT/STYLE:FR.445TS, S/N:67C69216, 460/3/60, AC MOTOR, 400 AMB.

MANUFACTURER WESTINGHOUSE

MODEL TBDP

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION PLT DES SPEC	DOCUMENTATION REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A14 282		BDVCO01				B502
PRESS PSIA	ZONE A14 UNKNOWN		BDVCO01				B502
REL HUMID%	ZONE A14 100		BDVCO01				B502
RADIATION	ZONE A14 2.0E07		BDVCO01				B502
OPR TME MN	NOT REQUIRED						BRVCO58 B502
CHEM SPRAY	N/A						B502
AGING							B502
SUBMURGNC	N/A						B502

DOCUMENTATION

 BDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 BRVCO58 NOT REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

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QUALIFICATION DATA SHEET

SYSTEM CHEMICAL & VOLUME CONTROL (VC)
 COMP/EQUIP VALVE MOTOR DEFLATOR/DRIVE MECH: DRD: NO. 345040, S/N: 113922, OPERATOR MOTOR: PEERLESS-DX00326, TYPE: P, FR: P12G, 1750RPM
 COMP/EQUIP 230/460/3/60, S.F. = 100+(MEG DHMS)
 MANUFACTURER LIMITORQUE CONTROL
 MODEL SMB-00-25

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE				QUAL			*** NO
	A14	282	298	BDVCO01	BDVCO02	CONCURRENT		BRVCO59 B503
PRESS PSIA	ZONE A14	UNKNOWN	90	BDVCO01	BDVCO02	CONCURRENT		BRVCO59 B503
REL HUMID%	ZONE A14	100	100	BDVCO01	BDVCO02	CONCURRENT		BRVCO59 B503
RADIATION	ZONE A14	2.0E07	2.0E08	RADS	BDVCO03	SEPARATE		BRVCO69 B503
OPE TIME MN	SHORT TERM		40	YRS & ACCIDENT	BDVCO03	SEPARATE		BRVCO51 B503
CHEM SPRAY	N/A							B503
AGING								B503
SUBMERGENC	N/A							B503

DOCUMENTATION
 EDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDVCO02 FRANKLIN INST. TEST REPORT F-C2485-01
 BDVCO03 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS
 BRVCO51 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS NOT NEEDED SINCE THE COMPONENT IS REQUIRED ONLY SHORT TERM.
 BRVCO59 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK INSIDE CONTAINMENT. QUALIFICATION BY EXPERIENCE.
 BRVCO69 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION HAS BEEN PROVIDED.



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH-ORD NO. 351254A, S/N: 131665, OPERATOR MOTOR RELIANCE-447006-DW, TYPE: P, FR: K48, 1725RPM

COMP/EQUIP 230/460/3/60, S.F. = 100 (MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-00

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9 330		298					BDVCO01			B504
PRESS PSIA	ZONE A 9 UNKNOWN		90					BDVCO01			B504
REL HUMID%	ZONE A 9 100		100					BDVCO01			B504
RADIATION	ZONE A 9 1.0E04		2.0E08 RADS					BDVCO01			B504
DPE TME MN											BRVCO60 B504
CHEM SPRAY											B504
AGING											B504
SUBMERGENC											B504

40 YRS & ACCIDENT

DOCUMENTATION

 BDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

 OUTSTANDING ITEMS/REMARKS

 BRVCO60 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

SYSTEM PENETRATION PRESSURIZATION (PP)
 COMP/EQUIP PP AIR COMPRESSOR/STYLE:69C49726
 MANUFACTURER WESTINGHOUSE

MODEL TBLG

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE * PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE A 9 330			BDPPO01			BRPPO60 B571
PRESS PSIA	ZONE A 9 UNKNOWN			BDPPO01			BRPPO60 B571
REL HUMID%	ZONE A 9 100			BDPPO01			BRPPO60 B571
RADIATION	ZONE A 9 1.0E04			BDPPO01			BRPPO60 B571
OPE TME MN							B571
CHEM SPRAY	N/A						BRPPO60 B571
AGING							B571
SUBMERGENC	N/A						B571

DOCUMENTATION

 BDPPO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 BRPPO60 EQUIPMENT REQUIRED TO FUNCTION ONLY AFTER A LOCA. FOR LOCA THIS EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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QUALIFICATION DATA SHEET

SYSTEM FEEDWATER (FW)

COMP/EQUIP FW PUMP MOTOR UNIT/S/N:2571, FR 5808H, STYLE 70F57439 & 438, 4000/3/60, 600HP, 40C AMBIENT

MANUFACTURER WESTINGHOUSE

MODEL HSDP

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICITY	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A B 330									
PRESS PSIA	ZONE A B UNKNOWN									
REL HUMID%	ZONE A B 100									
RADIATION	ZONE A B 1.0E04									
OPE TME MIN										
CHEM SPRAY	N/A									
AGING										
SUBMERGENC	N/A									

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRFW060 EQUIPMENT REQUIRED TO OPERATE AFTER DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. FOR THIS ACCIDENT THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT ONLY. QUALIFICATION BY EXPERIENCE. REQUIRED LONG TERM AFTER A HIGH ENERGY LINE BREAK IN THE AUX BLDG.

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QUALIFICATION DATA SHEET

SYSTEM FEEDWATER (FW)

COMP/EQUIP FW OIL PUMP MOTOR UNIT/STYLE 6808640G35

MANUFACTURER WESTINGHOUSE

MODEL SBDP

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A B 330								BPFW060	B752
PRESS PSIA	ZONE A B UNKNOWN								BRFW060	B752
REL HUMID%	ZONE A B 100								BRFW060	B752
RADIATION	ZONE A B 1.0E04								BRFW060	B752
DPE TIME MN										B752
CHEM SPRAY	N/A								BRFW060	B752
ACING										B752
SUBMERGENC	N/A									B752

DOCUMENTATION

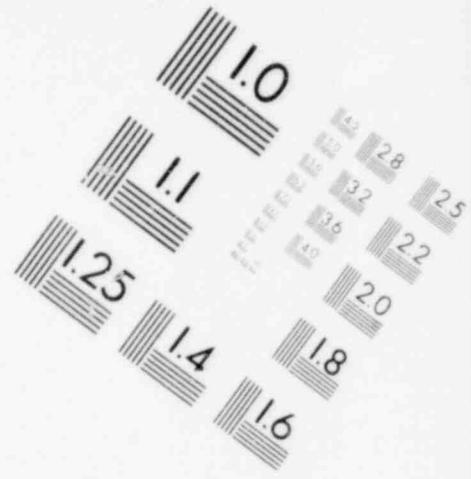
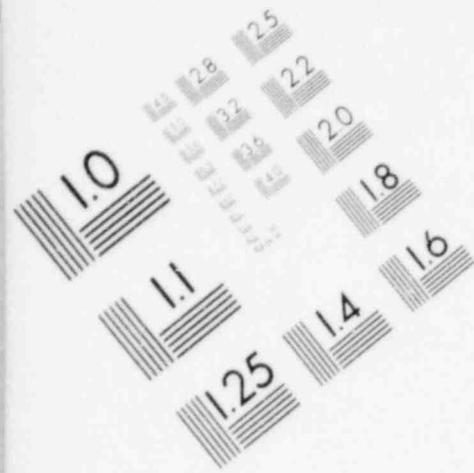
BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

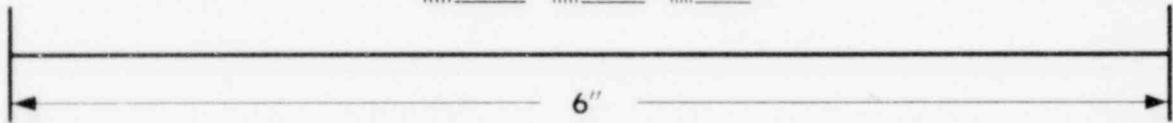
BPFW060 EQUIPMENT, REQUIRED TO OPERATE AFTER DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. FOR THIS ACCIDENT THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT ONLY. QUALIFICATION BY EXPERIENCE. REQUIRED LONG TERM AFTER A HIGH ENERGY LINE BREAK IN THE AUX BLDG.

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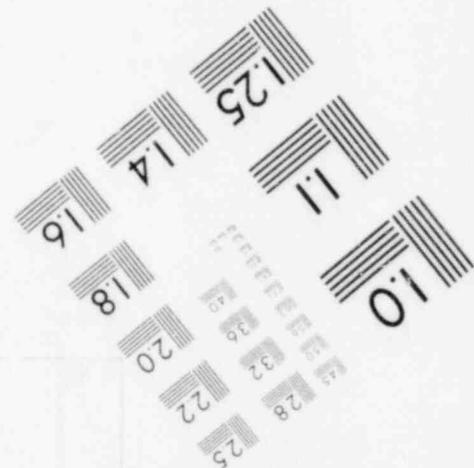
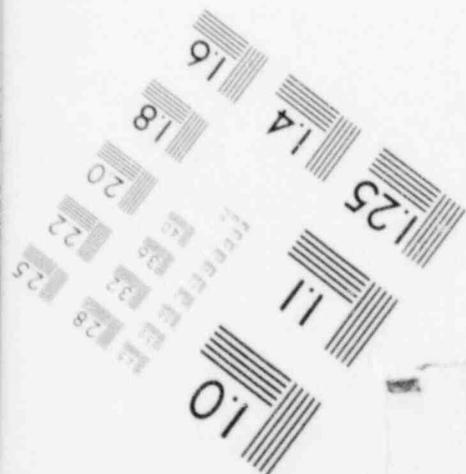
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**IMAGE EVALUATION
TEST TARGET (MT-3)**



MICROCOPY RESOLUTION TEST CHART



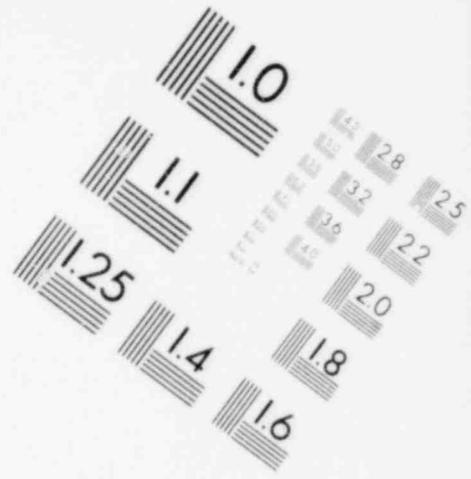
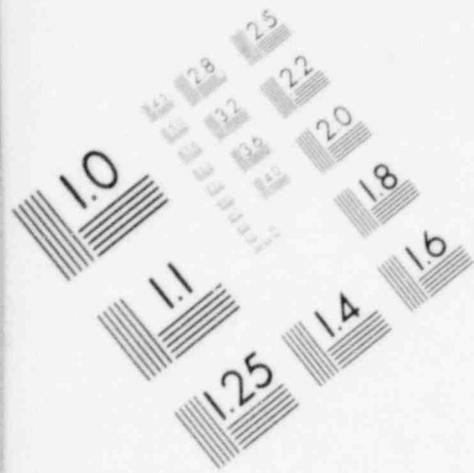
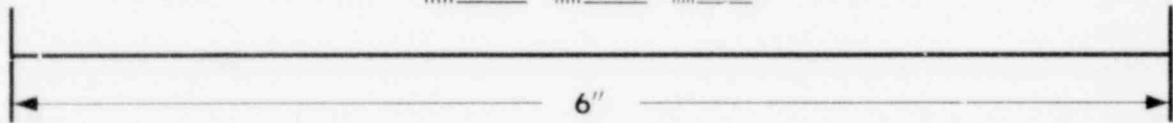
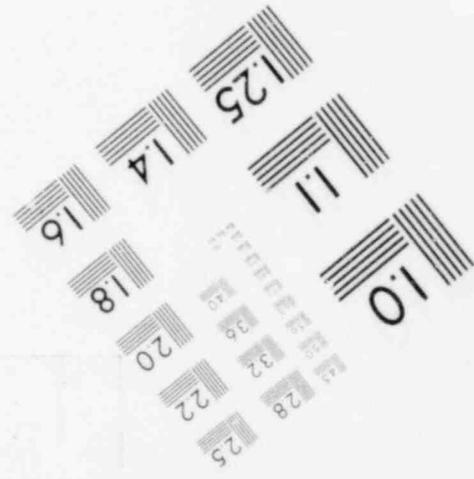
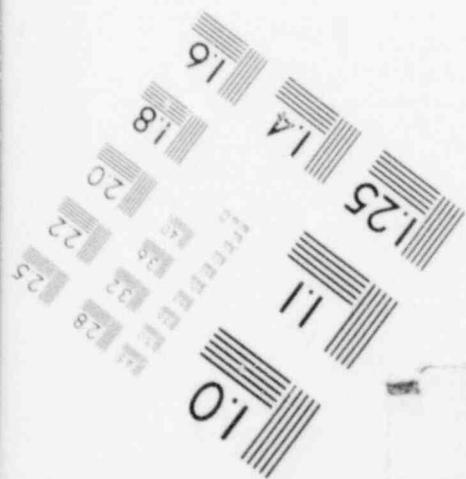


IMAGE EVALUATION
TEST TARGET (MT-3)



MICRO COPY RESOLUTION TEST CHART



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.34483A, S/N:109814, OPERATOR MOTOR:RELIANCE-447025-LV, TYPE:P, FR:L58, B INSUL.
 COMP/EQUIP 260/460/3/60, S.F.=100(MEG OHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A B	330	298	BDFW001		BDFW002	CONCURRENT		BRFW070	B755
PRESS PSIA	ZONE A B	UNKNOWN	90	BDFW001		BDFW002	CONCURRENT		BRFW070	B755
REL HUMID%	ZONE A B	100	100	BDFW001		BDFW002	CONCURRENT		BRFW070	B755
RADIATION	ZONE A B	1.0E04	2.0E08 RADS	BDFW001		BDFW003	SEPARATE		BRFW070	B755
OPE TME MN									BRFW070	B755
CHEM SPRAY		N/A								B755
AGING			40 YRS & ACCIDENT			BDFW003	SEPARATE		BRFW070	B755
SUBMERCENC		N/A								B755

DOCUMENTATION

*=====

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDFW002 FRANKLIN INST. TEST REPORT F-C2485-01
 BDFW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

*=====

BRFW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.344785A, S/N:112052, OPERATOR MOTOR:RELIANCE-447021-BV, TYPE:P, FR:K48, B INSUL.

COMP/EQUIP 260/460/3/60, S.F.=100(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-000

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			OUTST**	***	NO
TEMP DEG F	ZONE A B 330		298	BDFW001		BDFW002	CONCURRENT	BRFW070	B756
PRESS PSIA	ZONE A B UNKNOWN		90	BDFW001		BDFW002	CONCURRENT	BRFW070	B756
REL HUMID%	ZONE A B 100		100	BDFW001		BDFW002	CONCURRENT	BRFW070	B756
RADIATION	ZONE A B 1.0E04		2.0E08 RADS	BDFW001		BDFW003	SEPARATE	BRFW070	B756
OPE TME MN								BRFW070	B756
CHEM SPRAY	N/A								B756
AGING			40 YRS & ACCIDENT			BDFW003	SEPARATE	BRFW070	B756
SUBMERGENC	N/A								B756

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDFW002 FRANKLIN INST. TEST REPORT F-C2485-01
 BDFW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRFW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD NO.345016A, S/N:111580,OPERATOR MOTOR:RELIANCE:447025-BV, FR:L56, B INSUL., TYPE:P,

COMP/EQUIP 230/460/3/60 5 F.=100(MEG OHMS)

MANUFACTUER LIMITORQUE CON POL

MODEL SMB-O

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC					QUAL
TEMP DEG F	ZONE A12	282	298	BDFW001	BDFW002	CONCURRENT		BRFW060	B757
PRESS PSIA	ZONE A12	UNKNOWN	90	BDFW001	BDFW002	CONCURRENT		BRFW060	B757
REL HUMID%	ZONE A12	100	100	BDFW001	BDFW002	CONCURRENT		BRFW060	B757
RADIATION	ZONE A12	2.0E07	2.0E08 RADS	BDFW001	BDFW003	SEPARATE		BRFW060	B757
OPE TME MN								BRFW060	B757
CHEM SPRAY	N/A								B757
AGING			40 YRS & ACCIDENT		BDFW003	SEPARATE		BRFW060	B757
SUBMERCENC	N/A								B757

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDFW002 FRANKLIN INST. TEST REPORT F-C2485-01
 BDFW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRFW060 EQUIPMENT REQUIRED TO OPERATE AFTER DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. FOR THIS ACCIDENT THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT ONLY. QUALIFICATION BY EXPERIENCE. REQUIRED LONG TERM AFTER A HIGH ENERGY LINE BREAK IN THE AUX BLDG.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH: ORD. NO. 344351AS/N: 100858A, OPERATOR MOTOR: RELIANCE-447026-EU, FR: M56, TYPE: P, B INSUL.

COMP/EQUIP 230/460/3/60, S.F. = 50 (MEG OHMS), 1700RPM

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-00-15

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	REMARKS	OUTST**	***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC						QUAL
TEMP DEG F	ZONE T 3	550	298	CDMS001	CDMS002	CONCURRENT				C501
PRESS PSIA	ZONE T 3	63.7	90	CDMS001	CDMS002	CONCURRENT				C501
REL HUMID%	ZONE T 3	100	100	CDMS001	CDMS002	CONCURRENT				C501
RADIATION	ZONE T 3		2.0E08 RADS	CDMS001	CDMS003	SEPARATE				C501
OPE TME MN									CRMS028	C501
CHEM SPRAY	N/A									C501
AGING			40 YRS & ACCIDENT			CDMS003 SEPARATE				C501
SUBMURGENC	N/A									C501

DOCUMENTATION

CDMS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDMS002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDMS003 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

CRMS028 NOT REQUIRED TO OPERATE AFTER A LOCA OR DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. THESE VALVES CAN BE USED TO ISOLATE A HIGH ENERGY LINE BREAK IN THE AUX BUILDING (BREAK OF 6" LINE TO THE AUX FEEDWATER PUMP). IN THIS CASE THE VALVE REMAINS IN A NON HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM MAIN STEAM (MS)
 COMP/EQUIP HYDRAULIC UNIT FOR MAIN STEAM VALVES/STYLE: 680B103G37
 MANUFACTURER WESTINGHOUSE

MODEL TBFC

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE T 3 550		CDMS005			COMS002	** NO C502
PRESS PSIA	ZONE T 3 63.7		CDMS005			COMS002	C502
REL HUMID%	ZONE T 3 100		CDMS005			COMS002	C502
RADIATION	ZONE T 3		CDMS005			COMS002	C502
OPE TME MN	SHORT TERM					COMS002	CRMS080 C502
CHEM SPRAY	N/A					COMS002	C502
AGING						COMS002	C502
SUBMERGENC	N/A						C502

DOCUMENTATION

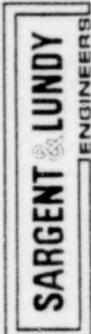
 CDM5005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 CDM5002 A LETTER IS BEING SENT TO WESTINGHOUSE IN ORDER TO OBTAIN ALL QUALIFICATION DOCUMENTS PERTAINING TO WESTINGHOUSE ITEMS
 CRMS080 SHORT TERM OPERATION (SECONDS) IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

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QUALIFICATION DATA SHEET

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SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.350433A, S/N:126391,OPERATOR MOTOR:PEERLESS-AY09252, FR:P126, 440/3/60, 1750HP

MANUFACTUER LIM:TORQUE CONTROL

MODEL SMB-0

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC				OUTST**	***
TEMP DEG F	ZONE T 2	550	298	CDMS005	CDMS002	CONCURRENT		C503
PRESS PSIA	ZONE T 2	40.7	90	CDMS005	CDMS002	CONCURRENT		C503
REL HUMID%	ZONE T 2	100	100	CDMS005	CDMS002	CONCURRENT		C503
RADIATION	ZONE T 2		2.0E08 RADS	CDMS005	CDMS003	SEPARATE		C503
OPE TME MN	LONG TERM						CRMS060	C503
CHEM SPRAY	N/A							C503
AGING			40 YRS & ACCIDENT		CDMS003	SEPARATE		C503
SUBMERGENC	N/A							C503

DOCUMENTATION

 CDMS002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDMS003 WCAP 7410-L SECT. 5 VOL.I OF II
 CDMS005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 CRMS060 LONG TERM OPERATION IS REQUIRED TO ACHIEVE COLD SHUTDOWN AFTER ACCIDENT. BACKUP IS THE STEAM DUMPS TO THE CONDENSER.

QUALIFICATION DATA SHEET

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SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.344351AS/N:100858A,OPERATOR MOTOR:RELIANCE-447026-EU,FR:M56,TYPE:P,B INSUL.

COMP/EQUIP 230/460/3/60, S.F.=50(MEG OHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00-15

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC					QUAL
TEMP DEG F	ZONE A12	282	298	CDMS001	CDMS002	CONCURRENT		CRMS083	C521
PRESS PSIA	ZONE A12	UNKNOWN	90	CDMS001	CDMS002	CONCURRENT		CRMS083	C521
REL HUMID%	ZONE A12	100	100	CDMS001	CDMS002	CONCURRENT		CRMS083	C521
RADIATION	ZONE A12	2.0E07	2.0E08 RADS	CDMS001	CDMS003	SEPARATE		CRMS083	C521
OPE TME MN								CRMS083	C521
CHEM SPRAY	N/A							CRMS083	C521
AGING			40 YRS & ACCIDENT			CDMS003 SEPARATE		CRMS083	C521
SUBMERCENC	N/A							CRMS083	C521

DOCUMENTATION

CDMS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDMS002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDMS003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRMS083 NOT REQUIRED TO OPERATE AFTER A LOCA OR DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. THESE VALVES CAN BE USED TO ISOLATE A HIGH ENERGY LINE BREAK IN THE AUX BUILDING (BREAK OF 6" LINE TO THE AUX FEEDWATER PUMPS). IN THIS CASE THE VALVES ARE A POTENTIALLY HARSH ENVIRONMENT. ALTERNATE METHOD OF ISOLATION IS USING VALVES MS0005 & MS0011 WHICH REMAIN IN A NORMAL ENVIRONMENT.

QUALIFICATION DATA SHEET

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SYSTEM SERVICE WATER (SW)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH: ORD. NO. 349718A, S/N: 120037, OPERATOR MOTOR: RELIANCE-447025-EV, TYPE: P, FR: L56, B INSUL.,
 COMP/EQUIP 230/460/3/60, S.F. = 100+ (MEG OHMS)
 MANUFACTURER LIMITORQUE CONTROL
 MODEL H-3BC

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE A B	330	298	CDSW001		CDSW002	CONCURRENT		CRSW070	C753
PRESS PSIA	ZONE A B	UNKNOWN	90	CDSW001		CDSW002	CONCURRENT		CRSW070	C753
REL HUMID%	ZONE A B	100	100	CDSW001		CDSW002	CONCURRENT		CRSW070	C753
RADIATION	ZONE A B	1.0E04	2.0E08 RADS	CDSW001		CDSW003	SEPARATE		CRSW070	C753
OPE TME MN									CRSW070	C753
CHEM SPRAY		N/A							CRSW070	C753
AGING			40 YRS & ACCIDENT			CDSW003	SEPARATE		CRSW070	C753
SUBMERCENC		N/A							CRSW070	C753

DOCUMENTATION

CDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDSW002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDSW003 WCAP 7410-L SECT. 5 VOL. I OF II

OUTSTANDING ITEMS/REMARKS

CRSW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILIARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

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SYSTEM SERVICE WATER (SW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.347118A, S/N:124474,OPERATOR MOTOR:RELIANCE-447021-EV, TYPE:P, FR:K48, B INSUL..

COMP/EQUIP 230/460/3/60, S.F.=100+(MEG DHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-000

ACCURACY

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE A B 330		298	CDSW001		CDSW002	CONCURRENT	CRSW070	C754
PRESS PSIA	ZONE A B UNKNOWN		90	CDSW001		CDSW002	CONCURRENT	CRSW070	C754
REL HUMID%	ZONE A B 100		100	CDSW001		CDSW002	CONCURRENT	CRSW070	C754
RADIATION	ZONE A B 1.0E04		2.0E08 RADS	CDSW001		CDSW003	SEPARATE	CRSW070	C754
OPER TME MN								CRSW070	C754
CHEM SPRAY	N/A							CRSW070	C754
AGING			40 YRS & ACCIDENT			CDSW003	SEPARATE	CRSW070	C754
SUBMERCENC	N/A							CRSW070	C754

DOCUMENTATION

CDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDSW002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDSW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRSW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR CONTAINMENT VENT (RV)

COMP/EQUIP HYDROGEN RECOMBINER BLOWER/P.R:182T, STYLE:GJF

MANUFACTURER BUFFALO FORGE/GE

MODEL 5K182CK742

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9	330	SEE REMARKS	DDR0001	DDR0001					*** NO	0001
PRESS PSIA	ZONE A 9	UNKNOWN	SEE REMARKS	DDR0001	DDR0001						0001
REL HUMID%	ZONE A 9	100	SEE REMARKS	DDR0001	DDR0001						0001
RADIATION	ZONE A 9	1.0E04	SEE REMARKS	DDR0001	DDR0001						0001
OPE TME MN	LONG TERM		SEE REMARKS								0001
CHEM SPRAY	N/A		SEE REMARKS								0001
AGING			SEE REMARKS								0001
SUBMERGENC	N/A										0001

DOCUMENTATION

DDR0001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

DDR0001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 DDR0060 LONG TERM OPERATION IS REQUIRED AFTER LOCA ONLY. FOR LOCA THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT EXCEPT RADIATION. QUALIFICATION FOR RADIATION HAS BEEN ASKED FOR FROM THE MANUFACTURER.

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QUALIFICATION DATA SHEET

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP SOLENOID OPERATOR

MANUFACTURER ASCO

MODEL 8316E34

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282		SEE REMARKS	PLT DES SPEC QUAL	DDRVOO1			DRRVOO4 U102
PRESS PSIA	ZONE A12 UNKNOWN		SEE REMARKS		DDRVOO1			DRRVOO4 D102
REL HUMID%	ZONE A12 100		SEE REMARKS		DDRVOO1			DRRVOO4 D102
RADIATION	ZONE A12 2.0E07		SEE REMARKS		DDRVOO1			DRRVOO4 D102
OPE TME MN	SHORT/LONG TERM							DRRVO72 D102
CHEM SPRAY			SEE REMARKS					DRRVOO4 D102
AGING			SEE REMARKS					DRRVOO4 D102
SUBMERGENC	N/A							D102

DOCUMENTATION

DDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

DRRVOO4 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

DRRVO72 SHORT TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0002. ONLY SHORT TERM OPERATION IS REQUIRED. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION IS NOT REQUIRED SINCE THIS IS ONLY SHORT TERM OPERATION IS REQUIRED. LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0004. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION

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QUALIFICATION DATA SHEET

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP SOLENOID OPERATOR

MANUFACTURER ROSS

MODEL 233693

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12	282	SEE REMARKS	DDRV001						DRRVO04	D103
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	DDRV001						DRRVO04	D103
REL HUMID%	ZONE A12	100	SEE REMARKS	DDRV001						DRRVO04	D103
RADIATION	ZONE A12	2-OE07	SEE REMARKS	DDRV001						DRRVO04	D103
OPE TME MN	LONG TERM									DRRVO73	D103
CHEM SPRAY			SEE REMARKS							DRRVO04	D103
AGING			SEE REMARKS							DRRVO04	D103
SUBMERGENC	N/A										D103

DOCUMENTATION

DDRV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

DRRVO04 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

DRRV073 LONG TERM OPERATION IS REQUIRED AFTER LOCA. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION.

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QUALIFICATION DATA SHEET

SYSTEM AUX BUILDING VENTILATION (AV)

COMP/EQUIP UNIT COOLER/FAN MOTOR

MANUFACTURER BUFFALO FORGE/WESTINGHOUSE

MODEL 2 TYPE B FAN/1.5 HP/145T FRAME/TEAO

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A14 282	104		EDAV001	EDAV002		EDAV001		E003
PRESS PSIA	ZONE A14 UNKNOWN			EDAV001			EDAV001		E003
REL HUMID%	ZONE A14 100			EDAV001			EDAV001		E003
RADIATION	ZONE A14 2.OE07			EDAV001			EDAV001		E003
OPE TME MN	LONG TERM						EDAV001	ERAV050	E003
CHEM SPRAY	N/A						EDAV001		E003
AGING									E003
SUBMERGENC	N/A								E003

DOCUMENTATION

EDAV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 EDAV002 SPECIFICATION X-2281 PAGE 10.

OUTSTANDING ITEMS/REMARKS

EDAV001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 ERAV050 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. LONG TERM OPERATION REQUIRED AFTER A HIGH A HIGH ENERGY LINE BREAK IN THE AUXILIARY BUILDING.

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QUALIFICATION DATA SHEET

SYSTEM AUX BUILDING VENTILATION (AV)

COMP/EQUIP UNIT COOLER/FAN MOTOR

MANUFACTURER BUFFALO FORGE/WESTINGHOUSE

MODEL 3 TYPE B FAN/3.0 HP/182T FRAME/TEAO

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A14 282	104		EDAV001 EDAV002		EDAV001	E004
PRESS PSIA	ZONE A14 UNKNOWN			EDAV001		EDAV001	E004
REL HUMID%	ZONE A14 100			EDAV001		EDAV001	E004
RADIATION	ZONE A14 2-OEO7			EDAV001		EDAV001	E004
OPE TME MN	LONG TERM					EDAV001 ERAV050	E004
CHEM SPRAY	N/A					EDAV001	E004
AGING							E004
SUBMERGENC	N/A						E004

DOCUMENTATION

EDAV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 EDAV002 SPECIFICATION X-2281 PAGE 10.

OUTSTANDING ITEMS/REMARKS

EDAV001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 ERAV050 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. LONG TERM OPERATION REQUIRED AFTER A HIGH A HIGH ENERGY LINE BREAK IN THE AUXILIARY BUILDING.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP HYDROGEN PURGE FAN/MOTOR HYDROGEN CONTROL/CONTAINMENT
 MANUFACTURER BUFFALO FORGE/G.E.
 MODEL 3E FAN/O.5 HP

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE * PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A 9 330		SEE REMARKS	FDRV006			FRRV001 F002
PRESS PSIA	ZONE A 9 UNKNOWN		SEE REMARKS	FDRV006			FRRV001 F002
REL HUMID%	ZONE A 9 100		SEE REMARKS	FDRV006			FRRV001 F002
RADIATION	ZONE A 9 1.0E04		SEE REMARKS	FDRV006			FRRV001 F002
OPE TIME MN	LONG TERM		SEE REMARKS				FRRV060 F002
CHEM SPRAY	NOT APPLICABLE						F002
AGING	40 YRS & ACCIDENT		SEE REMARKS				FRRV001 F002
SUBMERGENC	NOT APPLICABLE						F002

DOCUMENTATION
 FDRV006 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

FRRV001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 FRRV060 LONG TERM OPERATION IS REQUIRED AFTER LOCA ONLY. FOR LOCA THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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QUALIFICATION DATA SHEET

SYSTEM AUXILIARY BUILDING VENT. (AV)
 COMP/EQUIP TWO STAGE SPACE THERMOSTAT FROM AUX. BLDG. CUBICLE COOLER

MANUFACTURER PENN

MODEL A-28-AA37

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE A14	282		IDAV001			1004
PRESS PSIA	ZONE A14	UNKNOWN		IDAV001			1004
REL HUMID%	ZONE A14	100		IDAV001			1004
RADIATION	ZONE A14	2.0E07		IDAV001			1004
OPE TME MN	LONG TERM						IRAV050 1004
CHEM SPRAY		N/A					1004
AGING							1004
SUBMURGENC		N/A					1004

DOCUMENTATION
 IDAV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 IRAV050 CUBICLE COOLERS ARE AUTOMATICALLY STARTED WITH THE PUMPS STARTING. THEREFORE THE THERMOSTATS ARE NOT REQUIRED IN THE EVENT OF AN ACCIDENT SINCE THE COOLERS HAVE ALREADY STARTED.

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QUALIFICATION DATA SHEET

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP TEMPERATURE SWITCH FOR HYDROGEN PURGE CHARCOAL FILTER
 MANUFACTURER UNITED ELECTRIC
 MODEL C-300

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE 9	330	SEE REMARKS	IDR0002						IRR0002	I402
PRESS PSIA	ZONE A 9	UNKNOWN	SEE REMARKS	IDR0002						IRR0002	I402
REL HUMID%	ZONE A 9	100	SEE REMARKS	IDR0002						IRR0002	I402
RADIATION	ZONE A 9	1.0E04	SEE REMARKS	IDR0002						IRR0002	I402
OPER TME	MN	LONG TERM	SEE REMARKS							IRR0060	I402
CHEM SPRAY		N/A	SEE REMARKS								I402
AGING										IRR0002	I402
SUBMURGNC		N/A									I402

DOCUMENTATION
 IRR0002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

IRR0002 A LETTER WILL BE SENT TO UNITED ELECTRIC TO OBTAIN THE QUALIFICATION ITEMS.
 IRR0060 LONG TERM OPERATION IS REQUIRED AFTER LOCA ONLY. FOR LOCA THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM CONTAINMENT SPRAY (CS)
 COMP/EQUIP LEVEL INDICATING SWITCH
 MANUFACTURER MAGNETROL

MODEL 82-1212-002

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330		SEE REMARKS	MDCS001				M003
PRESS PSIA	ZONE A 9 UNKNOWN		SEE REMARKS	MDCS001				M003
REL HUMID%	ZONE A 9 100		SEE REMARKS	MDCS001				M003
RADIATION	ZONE A 9 1.0E04		SEE REMARKS	MDCS001				M003
OPE TIME MN	MEDIUM TERM		SEE REMARKS				MRC5050	M003
CHEM SPRAY	N/A		SEE REMARKS					M003
AGING			SEE REMARKS					M003
SUBMURGENC	N/A							M003

DOCUMENTATION

MDCS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRC5050 MEDIUM TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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SYSTEM FEEDWATER (FW)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 10B2496PBBABBB

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE T 4	375	290	MDFW004		MDFW001	CONCURRENT			M203
PRESS PSIA	ZONE T 4	43.7	75	MDFW004		MDFW001	CONCURRENT			M203
REL HUMID%	ZONE T 4	100	100	MDFW004		MDFW001	CONCURRENT			M203
RADIATION	ZONE T 4		1.2E08 RADS	MDFW004		MDFW002	SEPARATE & COMPARISN			M203
OPE TME MN	SHORT TERM		2.5 HRS			MDFW001	CONCURRENT		MRFW080	M203
CHEM SPRAY	N/A									M203
AGING										M203
SUBMERCENC	N/A									M203

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW080 SHORT TERM OPERATION IS REQUIRED AFTER A MAINSTEAM OR FEEDWATER LINE BREAK. BACKUP IS AUXILIARY FEEDWATER FLOW.

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SYSTEM FEEDWATER (FW)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1041BCXA

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP		
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO
TEMP DEG F	ZONE T 3	550	290 (2.5 HRS)	MDFW004		MDFW001	CONCURRENT			M204
PRESS PSIA	ZONE T 3	63.7	75 (2.5 HRS)	MDFW004		MDFW001	CONCURRENT			M204
REL HUMID%	ZONE T 3	100	100 (2.5 HRS)	MDFW004		MDFW001	CONCURRENT			M204
RADIATION	ZONE T 3		1.2E08 RADS	MDFW004		MDFW002	SEPARATE & COMPARI SN			M204
OPE TME MN	SHORT TERM		2.5 HRS			MDFW001	CONCURRENT		MRFW090	M204
CHEM SPRAY	N/A									M204
AGING										M204
SUBMERCENC	N/A									M204

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW090 SHORT TERM OPERATION IS REQUIRED AFTER MAIN STEAM OR FEEDWATER LINE BREAK

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QUALIFICATION DATA SHEET

SYSTEM FEEDWATER (FW)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTURER UNITED ELECTRIC
 MODEL 9503

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	REFERENCE	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 8 330		SEE REMARKS		MDFW003					MRFW008	M205
PRESS PSIA	ZONE A 8 UNKNOWN		SEE REMARKS		MDFW003					MRFW008	M205
REL HUMID%	ZONE A 8 100		SEE REMARKS		MDFW003					MRFW008	M205
RADIATION	ZONE A 8 1.0E04				MDFW003						M205
OPE TME MN	LONG TERM										M205
CHEM SPRAY	N/A		SEE REMARKS							MRFW008	M205
AGING											M205
SUBMURGENC	N/A										M205

DOCUMENTATION

 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 MRFW008 REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE COMPONENT IS IN A NON HARSH ENVIRONMENT. H

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SYSTEM FEEDWATER (FW)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 10B2495

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE A B 330		290	MDFW004		MDFW001	CONCURRENT	MRFW070	M207
PRESS PSIA	ZONE A B UNKNOWN		75	MDFW004		MDFW001	CONCURRENT	MRFW070	M207
REL HUMID%	ZONE A B 100		100	MDFW004		MDFW001	CONCURRENT	MRFW070	M207
RADIATION	ZONE A B 1.0E04		1.2E08 RADS	MDFW004		MDFW002	SEPARATE & COMPARISN	MRFW070	M207
OPE TME MN			2.5 HRS			MDFW001	CONCURRENT	MRFW070	M207
CHEM SPRAY	N/A							MRFW070	M207
AGING								MRFW070	M207
SUBMERCENC	N/A							MRFW070	M207

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILIARY BUILDING.) QUALIFICATION BY EXPERIENCE.

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QUALIFICATION DATA SHEET

SYSTEM FEEDWATER (FW)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTURER ASCHROFT
 MODEL 4400

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE A B 330		SEE REMARKS	MDFW003			MRFW008 M208
PRESS PSIA	ZONE A B UNKNOWN		SEE REMARKS	MDFW003			MRFW008 M208
REL HUMID%	ZONE A B 100		SEE REMARKS	MDFW003			MRFW008 M208
RADIATION	ZONE A B 1.0E04			MDFW003			M208
OPE TME MN							MRFW008 M208
CHEM SPRAY	N/A						M208
AGING			SEE REMARKS				MRFW008 M208
SUBMURGEC	N/A						M208

DOCUMENTATION

 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 MRFW008 REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE COMPONENT IS IN A NON HARSH ENVIRONMENT. H

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SYSTEM FEEDWATER (FW)
 COMP/EQUIP INDICATOR
 MANUFACTURER WESTINGHOUSE
 MODEL VX-252

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
			PLT DES SPEC	QUAL				NO
TEMP DEG F	ZONE A B 330		MDFW003				SEE REMARKS	M210
PRESS PSIA	ZONE A B UNKNOWN		MDFW003				SEE REMARKS	M210
RFL HUMID%	ZONE A B 100		MDFW003				SEE REMARKS	M210
RADIATION	ZONE A B 1.0E04		MDFW003					M210
DPE TME MN	LONG TERM							M210
CHEM SPRAY	N/A							M210
AGING							SEE REMARKS	M210
SUBMERGENC	N/A							M210

DOCUMENTATION

 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 MRFW004 FOR LOCA AND MS/FW LINE BREAK THE COMPONENT IS IN A NON HARSH ENVIRONMENT. THE COMPONENT IS NOT REQUIRED TO FUNCTION
 FUNCTION AFTER A HIGH ENERGY LINE BREAK IN THE AUX BUILDING PER THE FSAR. QUALIFICATION BY EXPERIENCE.



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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP ELECTRICAL INDICATORS
 MANUFACTUER WESCHLER
 MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS COMP	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		***	NO
TEMP DEG F	ZONE A 8	330	SEE REMARKS	MDRC005					MRRCO70	M306
PRESS PSIA	ZONE A 8	UNKNOWN	SEE REMARKS	MDRC005					MRRCO70	M306
REL HUMID%	ZONE A 8	100	SEE REMARKS	MDRC005					MRRCO70	M306
RADIATION	ZONE A 8	1.0E04	SEE REMARKS	MDRC005					MRRCO70	M306
OPE TME MN			SEE REMARKS						MRRCO70	M306
CHEM SPRAY									MRRCO70	M306
AGING			SEE REMARKS						MRRCO70	M306
SUBMERGENC	N/A								MRRCO70	M306

DOCUMENTATION

MDRC005 FRANKLIN INSTITUTE REPORT F-C2667, NOV. 1969 & LETTER FROM D.A. PRICE OF ITT BARTON TO J. AWAL OF CECO, DATED APRIL 30, 1975.

OUTSTANDING ITEMS/REMARKS

MRRCO70 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILIARY BUILDING.) QUALIFICATION BY EXPERIENCE.

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SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP ELECTRICAL INDICATORS
 MANUFACTUER WESTINGHOUSE
 MODEL VX-252

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A B	330	SEE REMARKS	MDRC005				MRRCO70	M307
PRESS PSIA	ZONE A B	UNKNDWN	SEE REMARKS	MDRC005				MRRCO70	M307
REL HUMID%	ZONE A B	100	SEE REMARKS	MDRC005				MRRCO70	M307
RADIATION	ZONE A B	1.0E04	SEE REMARKS	MDRC005				MRRCO70	M307
OPE TME MN			SEE REMARKS						M307
CHEM SPRAY	N/A								M307
AGING			SEE REMARKS					MRRCO70	M307
SUBMERGENC	N/A								M307

DOCUMENTATION

MDRC005 FRANKLIN INSTITUTE REPORT F-C2667, NOV. 1969 & LETTER FROM D.A. PRICE OF ITT BARTON TO J. AWAL OF CECD. DATED APRIL 30, 1975.

OUTSTANDING ITEMS/REMARKS

MRRCO70 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

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QUALIFICATION DATA SHEET

SYSTEM SERVICE WATER (SW)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTURER UNITED ELECTRIC
 MODEL J110-164

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A B 330		SEE REMARKS	MDSW001						M501
PRESS PSIA	ZONE A B UNKNOWN		SEE REMARKS	MDSW001						M501
REL HUMID%	ZONE A B 100		SEE REMARKS	MDSW001						M501
RADIATION	ZONE A B 1.0E04		SEE REMARKS	MDSW001						M501
OPE TME MN	LONG TERM		SEE REMARKS						MRSW060	M501
CHEM SPRAY	N/A									M501
AGING			SEE REMARKS							M501
SUBMERGENC	N/A									M501

DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRSW060 REQUIRED ONLY TO START PUMP IN THE EVENT OF A LOW PRESSURE SIGNAL DURING NORMAL OPERATION. NOT REQUIRED IN THE EVENT OF A HIGH ENERGY LINE BREAK IN THE AUX BUILDING. NO QUALIFICATION REQ

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SYSTEM SERVICE WATER (SW)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTURER FISCHER & PORTER
 MODEL 50EP1071

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A B 330		290 (2.5 HRS)	MDSW001		MDSW002	CONCURRENT			M504
PRESS PSIA	ZONE A B UNKNOW		75 (2.5 HRS)	MDSW001		MDSW002	CONCURRENT			M504
REL HUMID%	ZONE A B 100		100 (2.5 HRS)	MDSW001		MDSW002	CONCURRENT			M504
RADIATION	ZONE A B 1.0EO4		1.2EO8 RADS	MDSW001		MDSW003	SEPARATE			M504
OPE TME MN			2.5 HRS			MDSW002	CONCURRENT			M504
CHEM SPRAY									SEE REMARKS	M504
AGING										M504
SUBMERGENC										M504

DOCUMENTATION
 MDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDSW002 FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968, AND FRANKLIN INSTITUTE REPORT F-C2639 NOV. 1969
 MDSW003 FISCHER & PORTER D.P. NO. 222-1 REPORT NO. 004 OCT. 22, 1973

OUTSTANDING ITEMS/REMARKS
 MRSW002 A LETTER WILL BE WRITTEN TO THE MANUFACTURER TO OBTAIN THE ADDITIONAL QUALIFICATION ITEMS.

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QUALIFICATION DATA SHEET

SYSTEM PENETRATION PRESSURIZATION (PP)

COMP/EQUIP PRESSURE SWITCH
 MANUFACTURER UNITED ELECTRIC

MODEL J302-35B

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP	
TEMP DEG F	ZONE A 9 330											M601
PRESS PSIA	ZONE A 9 UNKNOWN											M601
REL HUMID%	ZONE A 9 100											M601
RADIATION	ZONE A 9 1.OE04											M601
OPE TME MN	LONG TERM											MRPPO50 M601
CHEM SPRAY	N/A											M601
AGING												M601
SUBMERGENC	N/A											M601

DOCUMENTATION
 MDPPO03 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 MRPPO50 LONG TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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SYSTEM PENETRATION PRESSURIZATION (PP)

COMP/EQUIP PRESSURE TRANSMITTER

MANUFACTURER FISCHER & PORTER

MODEL 50EP1071

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9	330	290	MDPPO03		MDPPO01 CONCURRENT				M602
PRESS PSIA	ZONE A 9	UNKNOWN	75	MDPPO03		MDPPO01 CONCURRENT				M602
REL HUMID%	ZONE A 9	100	100	MDPPO03		MDPPO01 CONCURRENT				M602
RADIATION	ZONE A 9	1.0E04	1.2E08 RADS	MDPPO03		MDPPO02 SEPARATE & COMPARISON				M602
OPE TME MN			2.5 HRS			MDPPO01 CONCURRENT				MRPPO55 M602
CHEM SPCHY		N/A								M602
AGING										M602
SUBMERGENC		N/A								M602

DOCUMENTATION

MDPPO01 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 AND FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968
 MDPPO02 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
 MDPPO03 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRPPO55 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP HUMIDITY INDICATING TRANSDUCER
 MANUFACTURER TAYLOR
 MODEL 10H5

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9 271		SEE REMARKS	MDR0001			MRR0001	M902
PRESS PSIA	ZONE A 9 62		SEE REMARKS	MDR0001			MRR0001	M902
REL HUMID%	ZONE A 9 100		SEE REMARKS	MDR0001			MRR0001	M902
RADIATION	ZONE A 9 1.0E04		SEE REMARKS	MDR0001			MRR0001	M902
OPE TME MN			SEE REMARKS					M902
CHEM SPRAY	N/A		SEE REMARKS				MRR0001	M902
AGING			SEE REMARKS				MRR0001	M902
SUBMERGENC	N/A		SEE REMARKS				MRR0001	M902

DOCUMENTATION
 MDR0001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS
 MRR0001 NO QUALIFICATION IS REQUIRED. THE INSTRUMENT IS NOT REQUIRED TO FUNCTION DURING OR AFTER A LOCA OR HELB. LOCA CAN BE IDENTIFIED BY CONTAINMENT PRESSURE, RADIATION OR WATER LEVEL.

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SYSTEM REACTOR CONTAINMENT VENT. (RV)

COMP/EQUIP MV/I CONVERTER

MANUFACTURER ACCROMAG

MODEL 311-BX-U

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 271		SEE REMARKS	MDR0001						MRR0001	M903
PRESS PSIA	ZONE A 9 62		SEE REMARKS	MDR0001						MRR0001	M903
REL HUMID%	ZONE A 9 100		SEE REMARKS	MDR0001						MRR0001	M903
RADIATION	ZONE A 9 1.0E04		SEE REMARKS	MDR0001						MRR0001	M903
OPE TME MN			SEE REMARKS							MRR0001	M903
CHEM SPRAY	N/A		SEE REMARKS							MRR0001	M903
AGING										MRR0001	M903
SUBMERGENC	N/A									MRR0001	M903

DOCUMENTATION

MDR0001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRR0001 NO QUALIFICATION IS REQUIRED. THE INSTRUMENT IS NOT REQUIRED TO FUNCTION DURING OR AFTER A LOCA OR HELB. LOCA CAN BE IDENTIFIED BY CONTAINMENT PRESSURE, RADIATION OR WATER LEVEL.

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SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP INDICATOR

MANUFACTURER WESTINGHOUSE

MODEL VX-252

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A B 330	SEE REMARKS	NDVCOO1	NDVCOO1					NRVCOO1	N303
PRESS PSIA	ZONE A B UNKNOWN	SEE REMARKS	NDVCOO1	NDVCOO1					NRVCOO1	N303
REL HUMID%	ZONE A B 100	SEE REMARKS	NDVCOO1	NDVCOO1					NRVCOO1	N303
RADIATION	ZONE A B 1.0E04		NDVCOO1	NDVCOO1					NRVCOO1	N303
OPE TIME MN										N303
CHEM SPRAY	N/A									N303
AGING		SEE REMARKS							NRVCOO1	N303
SUBMERGENC	N/A									N303

DOCUMENTATION

NDVCOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

NRVCOO1 REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE COMPONENT IS IN A NON HARSH ENVIRONMENT. NOT REQUIRED FOR A HIGH ENERGY LINE BREAK IN THE AUX BUILDING. QUALIFICATION BY EXPERIENCE.

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SYSTEM MAIN STEAM (MS)

COMP/EQUIP PRESSURE SWITCH ON MSIV HYDRAULIC UNITS

MANUFACTURER BARKSDALE

MODEL 9672-3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE T 4 375	SEE REMARKS		PDM5001			PRMS001 P001
PRESS PSIA	ZONE T 4 43.7	SEE REMARKS		PDM5001			PRMS001 P001
REL HUMID%	ZONE T 4 100	SEE REMARKS		PDM5001			PRMS001 P001
RADIATION	ZONE T 4	SEE REMARKS		PDM5001			PRMS001 P001
OPE TME MN		SEE REMARKS					P001
CHEM SPRAY	N/A	SEE REMARKS					PRMS001 P001
AGING		SEE REMARKS					P001
SUBMERGENC	N/A						P001

DOCUMENTATION

PDM5001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

PRMS001 THESE PRESSURE SWITCHES ARE PART OF THE HYDRAULIC UNIT ON THE MAIN STEAM ISOL. VLVS. THEY WILL THEN BE QUALIFIED AS A PACKAGE #10 W. L BE INCLUDED IN THE MSIV QUALIFICATION.
 PRMS050 NOT REQUIRED TO SHUT THE ISOLATION VALVES IN THE EVENT OF A HIGH ENERGY LINE BREAK IN THE VALVE ROOM.

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SYSTEM CC, SI, CS, MS, FW, VC, AP

COMP/EQUIP 1A9053/MOTOR OPERATED VALVE - HEATER - DISTRIBUTION PANEL DIV.17

MANUFACTURER FISCHBACH-HATFIELD

MODEL B/M-C458

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 8 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	QDXW001	***	Q033
PRESS PSIA	ZONE A 8 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	QDXW001		Q033
REL HUMID%	ZONE A 8 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	QDXW001		Q033
RADIATION	ZONE A 8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	QDXW001		Q033
OPE TME	MN							Q033
CHEM SPRAY	N/A							Q033
AGING								Q033
SUBMERGENC	N/A							Q033

DOCUMENTATION

QDXW001 SARGENT & LUNDY SPEC. NO. X-2329
 QDXW002 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO GENERAL ELECTRIC REQUESTING THE PROPER QUALIFICATION DATA DOCUMENTATION REFERENCES.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

QDXW001 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM FISCHBACH-HATFIELD.

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QUALIFICATION DATA SHEET

SYSTEM RH, CS, FW, CC, SI, SW, MS, AP

COMP/EQUIP 1A054/MOTOR OPERATED VALVE - HEATER - DISTRIBUTION PANEL DIV. 1B

MANUFACTURER FISCHBACH-HATFIELD

MODEL B/M-C458

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	SEE OUTST ITEMS	QDXW001	*** NO 0034
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	SEE OUTST ITEMS	QDXW001	0034
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	SEE OUTST ITEMS	QDXW001	0034
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXW001 QDXW002	SEE OUTST ITEMS	SEE OUTST ITEMS	QDXW001	0034
OPE TME MN								0034
CHEM SPRAY	N/A							0034
AGING								0034
SURBERGENC	N/A							0034

DOCUMENTATION

QDXW001 SARGENT & LUNDY SPEC. NO. X-2329
 QDXW002 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO GENERAL ELECTRIC REQUESTING THE PROPER QUALIFICATION DATA DOCUMENTATION REFERENCES.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

QDXW001 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM FISCHBACH-HATFIELD.

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QUALIFICATION DATA SHEET

SYSTEM CC. MS. RC. VC

COMP/EQUIP 1LP57/REMOTE SHUTDOWN CONTROL STATION DIV.17

MANUFACTURER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A B 330	330 DEG.F OR LESS	330 DEG.F OR LESS	JDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	SIMULTANEOUS	TDLPO05	TO13
PRESS PSIA	ZONE A B UNKNOWN	148 PSIG	148 PSIG	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	SIMULTANEOUS	TDLPO05	TO13
REL HUMIDITY	ZONE A B 100	100%	100%	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	SIMULTANEOUS	TDLPO05	TO13
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO08	TDLPO08	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO05	TO13
OPE TME	MN 30 DAYS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO08	TDLPO08	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO05	TO13
CHEM SPRAY	N/A									TO13
AGING										TO13
SUBMERGENC	N/A									TO13

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS, DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER

TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329

TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TDLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA. THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.



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QUALIFICATION DATA SHEET

SYSTEM CC. FW. RC. VC

COMP/EQUIP 1LPSB/REMOTE SHUTDOWN CONTROL STATION DIV. 18

MANUFACTURER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A B 330	330 DEG. F OR LESS	330 DEG. F OR LESS	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	SIMULTANEOUS			TO14
PRESS PSIA	ZONE A B UNKNOWN	148 PSIG	148 PSIG	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	SIMULTANEOUS			TO14
REL HUMID%	ZONE A B 100	100%	100%	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	SIMULTANEOUS			TO14
RADIATION	ZONE A B 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLFO08		SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO05		TO14
OPE TME MN	30 DAYS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO08		SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO05		TO14
CHEM SPRAY	N/A										TO14
AGING											TO14
SUBMERGENC	N/A										TO14

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS, DATED 6/26/73. WRITTEN BY W.C. CLEFF TO R.L. BOLGER

TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329

TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TDLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA. THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.

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QUALIFICATION DATA SHEET

SYSTEM CC. FW. MS. VC

COMP/EQUIP 1LP59/REMOTE SHUTDOWN CONTROL STATION DIV. 19

MANUFACTURER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A B 330	330 DEG.F OR LESS	330 DEG.F OR LESS	UDXX999 TDLPO02	TDLPO01 SIMULTANEOUS			TO15
PRESS PSIA	ZONE A B UNKNOWN	148 PSIG	148 PSIG	UDXX999 TDLPO02	TDLPO01 SIMULTANEOUS			TO15
REL HUMID%	ZONE A B 100	100%	100%	UDXX999 TDLPO02	TDLPO01 SIMULTANEOUS			TO15
RADIATION	ZONE A B 2-0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO08 SEE OUTST ITEMS	TOLPO05		TO15
OPE TME	MN 30 DAYS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO08 SEE OUTST ITEMS	TOLPO05		TO15
CHEM SPRAY	N/A							TO15
AGING								TO15
SUBMERGENC	N/A							TO15

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS. DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER

TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329

TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA. THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION

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QUALIFICATION DATA SHEET

SYSTEM FW, VC

COMP/EQUIP 1LP60/REMOTE SHUTDOWN CONTROL STATION BOP

MANUFACTURER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS

MODEL

ACCURACY	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
PARAMETER	PLANT DESIGN SPECIFICATION	330 DEG F OR LESS	UDXX999 TDLPO02 TDLPO01	SIMULTANEOUS	.....	ND
TEMP DEG F	ZONE A B 330	330 DEG F OR LESS	UDXX999 TDLPO02 TDLPO01	SIMULTANEOUS	.....	T016
PRESS PSIA	ZONE A B KNOWN	148 PSIG	UDXX999 TDLPO02 TDLPO01	SIMULTANEOUS	.....	T016
REL HUMID%	ZONE A B 100	100%	UDXX999 TDLPO02 TDLPO01	SIMULTANEOUS	.....	T016
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	UDXX999 TDLPO08	SEE OUTST ITEMS	TDLPO05	T016
OPE TME	MN 30 DAYS	SEE OUTST ITEMS	UDXX999 TDLPO08	SEE OUTST ITEMS	TDLPO05	T016
CHEM SPRAY	N/A					T016
AGING						T016
SUBMURGNC	N/A					T016

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS, DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER

TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329

TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TDLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA, THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.

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QUALIFICATION DATA SHEET

SYSTEM RV
 COMP/EQUIP 1LP22/CONTAINMENT VENTILATION SYSTEM CONTROL PANEL
 MANUFACTURER POWERS REGULATOR COMPANY

MODEL	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	TDLPO02	TDLPO02	***	NO
	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	TDLPO02	TDLPO02		T029
	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	TDLPO02	TDLPO02		T029
	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	TDLPO02	TDLPO02		T029
											T029
											T029
											T029
											T029

DOCUMENTATION

 TDLPO03 QUALIFICATION DOCUMENTATION REFERENCE TO BE INVESTIGATED WITH MANUFACTURER
 TDLPO06 SARGENT & LUNDY SPEC. NO. X-2286
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 TOLPO02 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO POWERS REGULATOR TO OBTAIN THE PROPER SPECIFICATION DATA, THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.



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QUALIFICATION DATA SHEET

SYSTEM RC, CI

COMP/EQUIP OLP10/WASTE GAS AND RECOVERY PANEL

MANUFACTURER WESTINGHOUSE

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO09	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO03	TRLPO01	T108
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO09	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO03	TRLPO01	T108
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO09	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO03	TRLPO01	T108
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO09	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO03	TRLPO01	T108
OPE TME MN											T108
CHEM SPRAY	N/A										T108
AGING											T108
SUBMERGENC	N/A										T108

DOCUMENTATION

TDLPO05 SARGENT & LUNDY SPEC. NO. X-2200ST
 TDLPO09 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT COMPONENT NO. OLP10 IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TDLPO03 FOR COMPONENT NO. OLP10, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT OLP10 IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA, AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.
 TRLPO01 NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

SYS-EM CI
 COMP/EQUIP 1LP66/WASTE EVAPORATION HEAT TRACING PANEL
 MANUFACTURER FISCHBACH-HATFIELD
 MODEL B/M NO. C-139

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE 412 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO02 TDLPO08	SEE OUTST ITEMS	TDLPO05	*** NO T109
PRESS PSIA	ZONE 412 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO02 TDLPO08	SEE OUTST ITEMS	TDLPO05	T109
REL HUMID%	ZONE 412 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO02 TDLPO08	SEE OUTST ITEMS	TDLPO05	T109
RADIATION	ZONE 412 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 TDLPO02 TDLPO08	SEE OUTST ITEMS	TDLPO05	T109
OPE TME MN							T109
CHEM SPRAY	N/A						T109
AGING							T109
SUBMERGENC	N/A						T109

DOCUMENTATION

 TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329
 TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED.
 FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 TOLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA. THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AB0110/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	X033
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDA002	SEE OUTST ITEMS	XDAB002	X033
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003	X033
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004	X033
OPE TME MN								X033
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005	X033
AGING								X033
SUBMERGENC	N/A							X033

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1A80111/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001		X034
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	UDXX999	XDABCJ1	XDAB002	SEE OUTST ITEMS	XDAB002		X034
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	UDXX999	XDAB0L1	XDAB002	SEE OUTST ITEMS	XDAB003		X034
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004		X034
OPE TME MN									X034
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005		X034
AGING									X034
SUBMERGENC	N/A								X034

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AB0050/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	***	X037
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X037
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X037
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X037
OPE TME MN								X037
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X037
AGING								X037
SUBMERGENC	N/A							X037

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1480169/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	*****	X038
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	*****	X038
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	*****	X038
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	*****	X039
OPE TME MN							*****	X039
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	*****	X038
AGING							*****	X038
SUBMERGENC	N/A						*****	X038

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AB0170/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X039
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X039
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X039
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X039
OPE TME MN							X039
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X039
AGING							X039
SUBMURGENT	N/A						X039

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AB0171/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	***	NO
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X040
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X040
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X040
OPE TME	MN										X040
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X040
AGING											X040
SUBMERGENC	N/A										X040

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC. CC. VC
 COMP/EQUIP 1AB0190/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X041
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	X041
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	X041
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	X041
OPE TME MN							X041
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	X041
AGING							X041
SUBMERGENC	N/A						X041

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM S1. VC. FW. CC. IP
 COMP/EQUIP 1AB0191/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
PLANT DESIGN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X042
TEMP DEG F ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X042
PRESS PSIA ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X042
REL HUMID% ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X042
RADIATION ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X042
OPE TME MN						X042
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X042
AGING						X042
SUBMERGENC N/A						X042

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

08/25/80 11:40



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QUALIFICATION DATA SHEET

SYSTEM VC, FW, CC, IP

COMP/EQUIP 1480192/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X043
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	X043
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	X043
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	X043
OPE TME MN							X043
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	X043
AGING							X043
SUBMERGENC	N/A						X043

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM VC, IP
 COMP/EQUIP 1480193/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001		X044
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X044
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X044
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X044
OPE TME MN									X044
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X044
AGING									X044
SUBMERGENC	N/A								X044

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 480215/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE 12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X045
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X045
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X045
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X045
OPE TME MN							X045
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X045
AGING							X045
SUBMURGNC	N/A						X045

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AB0216/AUX BUILDING JUNCTION BG

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE *	QUALIFICATION METHOD	OUTST **	REMARKS	COMP NO
TEMP DEG F	ZONE A12 2B2	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		XO46
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		XO46
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		XO46
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		XO46
OPE TME MN							XO46
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		XO46
AGING							XO46
SUBMERGENC	N/A						XO46

DOCUMENTATION

UDXX999 FOR PLANT; DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AB0218/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB001		X047
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB002		X047
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB003		X047
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB004		X047
OPE TME MN										X047
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB005		X047
AGING										X047
SUBMERGENC	N/A									X047

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1AEO220/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A10 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001		X048
PRESS PSIA	ZONE A10 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X048
REL HUMID%	ZONE A10 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X048
RADIATION	ZONE A10 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X048
OPE TME	MN							X048
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X048
AGING								X04B
SUBMERGENC	N/A							X04B

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 14B0131/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001		X062
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X062
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X062
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X062
OPE TIME	MN										X062
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X062
AGING											X062
SUBMERGENC	N/A										X062

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 1AB0132/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	*****	X06J
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	*****	X063
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	*****	X063
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	*****	X06J
OPE TME	MN							X063
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	*****	X063
AGING								X063
SUBMURGNC	N/A							X063

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM PV

COMP/EQUIP 1AB0133/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	ENVIRONMENT SPECIFICATION	QUALIFICATION PLT DES SPEC	DOCUMENTATION REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X064
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X064
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X064
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X064
OPE TME MN						X064
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X064
AGING						X064
SUBMERGENC N/A						X064

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 1480134/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12 2R2	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	XDAB002	XDAB001	X065
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	XDAB002	XDAB002	X065
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	XDAB002	XDAB003	X065
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	XDAB002	XDAB004	X065
OPE TME	MN										X065
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	XDAB002	XDAB005	X065
AGING											X065
SUBMERGENC	N/A										X065

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XGAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 1480138/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	DOCUMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE *	QUALIFICATION METHOD	OUTST **	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	.....	X067
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	.....	X067
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	.....	X067
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	.....	X067
OPE TME MN											X067
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	.....	X067
AGING											X067
SUBMERGENC	N/A										X067

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFIC ION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

08/25/80 11:40

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 1AB0139/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X068
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X068
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X068
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X068
OPE TME MN									X068
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X068
AGING									X068
SUBMERCENC	N/A								X068

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

3306



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1480125/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X100
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X100
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X100
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X100
OPE TME	MN					X100
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X100
AGING						X100
SUBMERGENC	N/A					X100

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1AB0126/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001		X101
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X101
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X101
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X101
OPE TME MN								X101
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X101
AGING								X101
SUBMERGENC	N/A							X101

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM S1

COMP/EQUIP 1AB0341/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X04B001	X103
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X04B002	X103
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X04B003	X103
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X04B004	X103
OPE TME MN							X103
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X04B005	X103
AGING							X103
SUBMERGENC	N/A						X103

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

X04B001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X04B002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X04B003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X04B004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X04B005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM SI
 COMP/EQUIP 1A80342/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	*****	X104
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	*****	X104
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	*****	X104
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	*****	X104
OPE TME	MN							X104
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	*****	X104
AGING								X104
SUBMERGENC	N/A							X104

DOCUMENTATION

 UDX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM S1

COMP/EQUIP 1AB0343/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001		X105
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X105
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X105
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X105
OPE TME MN											X105
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X105
AGING											X105
SUBMERGENC	N/A										X105

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM SI

COMP/EQUIP 1AB0344/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB001	X106
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB002	X106
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB003	X106
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB004	X106
DPE TIME MN							X106
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB005	X106
AGING							X106
SUBMERGENC	N/A						X106

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM ST

COMP/EQUIP 1AB0345/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
PLANT DESIGN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X107
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X107
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X107
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X107
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X107
DPE TME MN						
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS		
AGING						
SUBMERGENC N/A						

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1R80052/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	***	X159
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X159
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X159
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X159
OPF TME MN								X159
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X159
AGING								X159
SUBMERGENC								X159

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI
 COMP/EQUIP 1RE0053/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	***	X160
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X160
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X160
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X160
OPE TME MN								X160
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X160
AGING								X160
SUBMERGENC								X160

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1R80067/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001		X161
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002		X161
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003		X161
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004		X161
OP. TIME MN								X161
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 ? SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB005		X161
AGING								X161
SUBMERGENC								X161

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1R00074/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB001	X162
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB002	X162
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB003	X162
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDRB004	X162
OPE TME MN						XDRB005	X162
CHEM SPRAY							X162
AGING							X162
SUBMERGENC							X162

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1RB0137/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X178
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	XDRB001 XDRB002	SEE OUTST ITEMS	XORE002	X178
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X178
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X178
OPER TIME MN								X178
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X178
AGING								X178
SUBMERGENC								X178

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM MS
 COMP/EQUIP 1RBO-38/LOWER SAFETY VALVE ROOM JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001		X179
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X179
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X179
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X179
OPF TME MN								X179
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X179
AGING								X179
SUBMERGENCE								X179

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF ANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1RBO139/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X180
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X180
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X180
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X180
DPE TIME MN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X180
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X180
AGING		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X180
SUBMERGENC		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X180

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM M5

COMP/EQUIP 1RBO140/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	***	X181
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X181
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X181
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X181
OPE TME MN								X181
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X181
AGING								X181
SUBMERGENC								X181

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1R80141/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X182
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X182
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X182
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X182
OPE TME MN							X182
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X182
AGING							X182
SURMERGENC							X182

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XORB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XORB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 18B0146/UPPER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
PLANT DESIGN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	***	ND
TEMP DEG F	ZONE T 2 550	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	*****	X183
PRESS PSIA	ZONE T 2 40.7	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	*****	X183
REL HUMID%	ZONE T 2 100	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	*****	X183
RADIATION	ZONE T 2 2.0E07	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	*****	X183
OPE TME MN						*****	X183
CHEM SPRAY		SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	*****	X183
AGING						*****	X183
SUBMERGENC						*****	X183

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1R80148/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDR001		X184
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDR002		X184
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDR003		X184
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDR004		X184
OPE TME MN								X184
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDR001 XDR002	SEE OUTST ITEMS	XDR005		X184
AGING								X184
SUBMERGENC								X184

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDR001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDR002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1R80149/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X185
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X185
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X185
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X185
OPE TME MN								X185
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X185
AGING								X185
SUBMERGENIC								X185

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI
 COMP/EQUIP 1RB0152/LOWER SAFETY VALVE ROOM JUNCTION BOX
 MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001	X186
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002	X186
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003	X186
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004	X186
OPE TME MN							X186
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005	X186
AGING							X186
SUBMERGENC							X186

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI
 COMP/EQUIP 1R80153/LOWER SAFETY VALVE ROOM JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X187
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X187
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X187
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X187
OPE TME MN								X187
CHEM SPRAY				UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X187
* AGING								X187
SUBMERGENC								X187

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM	MS	COMP/EQUIP	1R80387/LOWER SAFETY VALVE ROOM JUNCTION BOX	MANUFACTURER	MODEL	TYPE	EB-215	ACCURACY	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP	NO
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB001		X200	
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB002		X200	
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB003		X200	
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB004		X200	
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB005		X200	
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB005		X200	
									SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS		XDRB005		X200	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM MS

COMP/EQUIP 1RB0388/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP ND
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001		X201
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002		X201
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003		X201
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004		X201
OPE TME MN								X201
CHEM SPRAY				UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005		X201
AGING								X201
SUBMERGENC								X201

DOCUMENTATION

 ***** FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS *****
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM MS. CI
 COMP/EQUIP 1RB0390/LOWER SAFETY VALVE ROOM JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	X203
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	X203
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	X203
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	X203
OPE TME MN							X203
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	X203
AGING							X203
SUBMERGENC							X203

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM MS, CI

COMP/EQUIP 1R60391/LOWER SAFETY VALVE ROOM JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	QUALIFICATION	PLT DES SPEC	QUAL		***	ND
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB001	*****	X204
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB002	*****	X204
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB003	*****	X204
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB004	*****	X204
OPE TME MN							X204
CHEM SPRAY		SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XDRB005	*****	X204
AGING							X204
SUBMERGENC							X204

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM CT

COMP/EQUIP 1A80130/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT	QUALIFICATION	REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
PLANT DESIGN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X244
TEMP DEG F	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X244
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X244
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X244
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X244
DPE TME MN							X244
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS			X244
AGING							X244
SUBMERGENC	N/A						X244

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 14B0142/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	SEE OUTST ITEMS	XDAB001	X245
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	SEE OUTST ITEMS	XDAB002	X245
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	SEE OUTST ITEMS	XDAB003	X245
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	SEE OUTST ITEMS	XDAB004	X245
OPE TIME MN							X245
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	SFE OUTST ITEMS	XDAB005	X245
AGING							X245
SUBMERGENC	N/A						X245

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1A80143/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X246
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X246
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X246
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X246
OPE TME MN								X246
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X246
AGING								X246
SUBMERGENC	N/A							X246

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1A80145/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X248
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	X248
REL HUMIDITY ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	X248
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	X248
OPE TME MN								X248
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	X248
AGING								X248
SUBMERGENC N/A								X248

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1480173/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLAN	DESIGN	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A	8 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	***	ND
PRESS PSIA	ZONE A	8 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X249
REL HUMID%	ZONE A	8 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X249
RADIATION	ZONE A	8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X249
OPER TIME MIN												X249
C... M SPRAY	N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X249
AGING												X249
SUBMERGENC	N/A											X249

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1AB0174/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001		X250
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X250
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X250
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X250
OPE TME MN									X250
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X250
AGING									X250
SUBMERGENC	N/A								X250

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1480177/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X251
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X251
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X251
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X251
OPE TME MN							X251
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X251
AGING							X251
SUBMERGENC	N/A						X251

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1480189/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 8 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001		X252
PRESS PSIA	ZONE A 8 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002		X252
REL HUMID%	ZONE A 8 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003		X252
RADIATION	ZONE A 8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004		X252
DPE TIME MN										X252
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005		X252
AGING										X252
SUBMERGENC	N/A									X252

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM PR

COMP/EQUIP 1AB0206/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

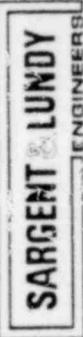
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001		N7
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002		X253
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003		X253
RADIATION	ZONE A12 2-0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004		X253
OPE TME	MN									X253
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005		X253
AGING										X253
SUBMERGENC	N/A									X253

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM PR, RC
 COMP/EQUIP 1480207/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X254
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X254
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X254
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X254
OPE TIME MN							X254
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X254
AGING							X254
SUBMURGNC	N/A						X254

DOCUMENTATION
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS
 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM PR. IA
 COMP/EQUIP 1A0227/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB001		X256
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB002		X256
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB003		X256
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB004		X256
OPER TIME MN											X256
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB005		X256
AGING											X256
SUBMURGENT	N/A										X256

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM IA, CI, PR

COMP/EQUIP 14B0228/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X257
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X257
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X257
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X257
OPER TIME	MN							X257
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X257
AGING								X257
SUBMERGENC	N/A							X257

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1A80229/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE 1M-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	7CNE A12 2B2	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001		X258
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002		X258
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003		X258
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004		X258
OPE TIME MN										X258
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005		X258
AGING										X258
SUBMERGENC	N/A									X258

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1AB0230/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001		X259
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X259
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X259
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X259
DPE TIME MN											X259
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X259
AGING											X259
SUBMERGENT	N/A										X259

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1A80231/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB001	*** NO X260
PRESS PSIA	ZONE A12 UNKN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB002	X260
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB003	X260
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB004	X260
OPE TME	MN							XOAB005	X260
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB005	X260
AGING									X260
SUBMERCENC	N/A								X260

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM TW

COMP/EQUIP 1400232/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47350

ACCURACY

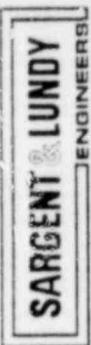
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 2B2	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 X0AB001	X0AB002	SEE OUTST ITEMS	X0AB001		X261
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 X0AB001	X0AB002	SEE OUTST ITEMS	X0AB002		X261
REL HUMID%	ZONE A12 40%	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 X0AB001	X0AB002	SEE OUTST ITEMS	X0AB003		X261
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 X0AB001	X0AB002	SEE OUTST ITEMS	X0AB004		X261
OPE TIME MIN									X261
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 X0AB001	X0AB002	SEE OUTST ITEMS	X0AB005		X261
AGING									X261
SUBMERGENC	N/A								X261

DOCUMENTATION:

FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 X0AB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 X0AB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM CI. 1

COMP/EQUIP 1AB0233/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001		X262
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002		X262
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003		X262
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004		X262
OPE TME MN										X262
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005		X262
AGING										X262
SUBMERGENC	N/A									X262

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1480234/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAJ001 XDAB002	SEE OUTST ITEMS	XDAB001		X263
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X263
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X263
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X263
OPE TME MN								X263
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X263
AGING								X263
SHIBMERGENC	N/A							X263

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1AB0235/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

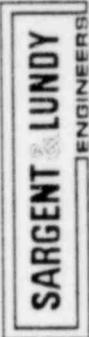
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	***	ND
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X264
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X264
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X264
OPE TME	MN							X264
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X264
AGING								X264
SUBMERGENC	N/A							X264

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI. IW

COMP/EQUIP 1AB0236/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X265
PRESS, PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X265
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X265
RADIATION	ZONE A12 2.0e07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X265
OPE TME MN							X265
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X265
AGING							X265
SUBMERGENC	N/A						X265

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1480237/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X266
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	X266
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	X266
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	X266
OPE TIME MN							X266
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	X266
AGING							X266
SUBMERGENC	N/A						X266

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM IW

COMP/EQUIP 1AB0238/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	REFERENCE QUAL	DOCUMENTATION	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	SEE OUTST ITEMS	X267
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	SEE OUTST ITEMS	X267
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	SEE OUTST ITEMS	X267
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	SEE OUTST ITEMS	X267
O/E TIME	MN								X267
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	SEE OUTST ITEMS	X267
AGING									X267
SUBMERGENT	N/A								X267

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1ABC297/AUX BUILDING JUNCTION RO.

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X268
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X268
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X268
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X268
OPE TME MN							X268
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X268
AGING							X268
SUBMERCEN	N/A						X268

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM CI

COMF/EQUIP 1AB0298/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABOC1 XDABOC1 XDABOC2	SEE OUTST ITEMS	XOAB001	X269
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOAB002	X269
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOAB003	X269
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOAB004	X269
OPE TME MN							X269
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOAB005	X269
AGING							X269
SUBMERGENC	N/A						X269

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM	AV	COMP/EQUIP	MANUFACTURER	MODEL	TYPE	EM-47150	ENVIRONMENT SPECIFICATION	PLANT DESIGN	TEMP DEG F	PRESS PSIA	REL HUMID%	RADIATION	DOE TME MN	CHEM SPRAY	AGING	SUBMERGENC	DOCUMENTATION REFERENCE * PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST **	REMARKS COMP NO
		1AB0299/AUX BUILDING JUNCTION BOX					SEE OUTST ITEMS	SEE OUTST ITEMS	8 330	8 UNKNOWN	8 100	8 2.0E08		N/A			UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X270
							SEE OUTST ITEMS	SEE OUTST ITEMS									UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X270
							SEE OUTST ITEMS	SEE OUTST ITEMS									UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X270
							SEE OUTST ITEMS	SEE OUTST ITEMS									UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X270
							SEE OUTST ITEMS	SEE OUTST ITEMS									UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X270
							SEE OUTST ITEMS	SEE OUTST ITEMS									UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X270

OUTSTANDING ITEMS/REMARKS

 DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

 OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM AV

COMP/EQUIP 1AB0300/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X271
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X271
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X271
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X271
DPE TME MN								X271
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X271
AGING								X271
SUBMERGENC	N/A							X271

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM	AV	COMP/EQUIP	1AB0301/AUX BUILDING JUNCTION BOX	MANUFACTURER	MODEL	TYPE	EM-47150	ACCURACY	ENVIRONMENT	PLANT DESIGN	TEMP DEG F	ZONE	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
									SEE OUTST ITEMS	SEE OUTST ITEMS	A	B 330	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	
									SEE OUTST ITEMS	SEE OUTST ITEMS	A	B UNKNOWN	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	
									SEE OUTST ITEMS	SEE OUTST ITEMS	A	B 100	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	
									SEE OUTST ITEMS	SEE OUTST ITEMS	A	B 2.0E08	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	
									SEE OUTST ITEMS	SEE OUTST ITEMS			UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	
									SEE OUTST ITEMS	SEE OUTST ITEMS			UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	
									SEE OUTST ITEMS	SEE OUTST ITEMS			UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	X272	

DOCUMENTATION

 UDX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 X0AB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 X0AB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI. RC
 COMP/EQUIP 1A0312/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	***	X273
PRESS PSIA	ZONE A12 UNK:DOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X273
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X273
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X273
OPE TIME MN											X273
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X273
AGING											X273
SUBMURGENT	N/A										X273

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI. RC
 COMP/EQUIP 1A80314/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	*****	X274
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	*****	X274
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	*****	X274
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	*****	X274
OPE TIME MN								
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	*****	X274
AGING								
SUBMERGENC	N/A							

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XA0B001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XA0B002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XA0B003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XA0B004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XA0B005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1A80315/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPF CM 47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB001		X275
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB002		X275
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB003		X275
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB004		X275
OPE TME	MN									X275
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB005		X275
AGING										X275
SUBMERGENC	N/A									X275

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1AB0316/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X276
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X276
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X276
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X276
OPE TIME	MIN							X276
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAE005		X276
AGING								X276
SUBMERGENC	N/A							X276

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM AV

COMP/EQUIP 1AB0322/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 8 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X277
PRESS PSIA	ZONE A 8 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X277
REL HUMID%	ZONE A 8 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X277
RADIATION	ZONE A 8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X277
OPER TIME MN								X277
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X277
AGING								X277
SUBMERGENCE	N/A							X277

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM AV

COMP/EQUIP 1AB0323/AUX. BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X278
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X278
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X278
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X278
OPE TME MN							X278
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X278
AGING							X278
SUBMERGENC	N/A						X278

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
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QUALIFICATION DATA SHEET

SYSTEM AV

COMP/EQUIP 1A80324/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DES F ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	*****	X279
PRESS PSIA ZONE A B UNKNOW	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	*****	X279
REL HUMID% ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	*****	X279
RADIATION ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	*****	X279
OPE TME MIN								X279
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X279
AGING								X279
SUBMERGENC N/A								X279

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM AV

COMP/EQUIP 1A80325/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION	REFERENCE	QUALIFICATION	REMARKS
TEMP DEG F	ZONE	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	PLT DES SPEC	METHOD	COMP NO
330	A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280
	A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280
	A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280
	A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280
		SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280
		SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280
		SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X280

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 14B0326/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB001	X281
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB002	X281
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB003	X281
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB004	X281
OPER THE MN										X281
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XOAB005	X281
AGING										X281
SUBMERGENC	N/A									X281

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 14B0327/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	UTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X282
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X282
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X282
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X282
CPE TME MN											X282
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X282
AGING											X282
SUBMERGENC	N/A										X282

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1A80347/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDA8001 XDA8002	SEE OUTST ITEMS	XDA8001		X283
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDA8001 XDA8002	SEE OUTST ITEMS	XDA8002		X283
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDA8001 XDA8002	SEE OUTST ITEMS	XDA8003		X283
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDA8001 XDA8002	SEE OUTST ITEMS	XDA8004		X283
OPE TME MN								X283
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDA8001 XDA8002	SEE OUTST ITEMS	XDA8005		X283
AGING								X283
SUBMERGENC	N/A							X283

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDA8001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDA8002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDA8001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDA8002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDA8003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDA8004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDA8005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

08/25/80 11:40



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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1A0348/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT-SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X284
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X284
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X284
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X284
OPE TIME MN							X284
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X284
AGING							X284
SUBMURGNC	N/A						X284

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM RC

COMP/EQUIP 1AB0349/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001		X285
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X285
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X285
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X285
OPE TIME	MIN							X285
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB002	SEE OUTST ITEMS	XDAB005		X285
AGING								X285
SUBMERGENC	N/A							X285

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1480360/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	***** *****	X286
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	***** *****	X286
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	***** *****	X286
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	***** *****	X286
DPE TIME MN								X286
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	***** *****	X286
AGING								X286
SUBMERGENC	N/A							X286

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6465-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM CT

COMP/EQUIP 1A80386/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001		X287
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X287
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X287
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X287
OPE TME MN								X287
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X287
AGING								X287
SUBMERGENC	N/A							X287

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1A80387/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

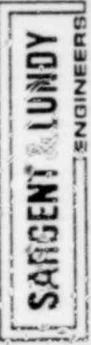
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X288
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X288
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X288
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X288
OPE TME MN										X288
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X288
AGING										X288
SUBMERGENC	N/A									X288

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6163-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1480388/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTSTANDING ITEMS	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001		X289
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X289
REL HUMIDITY	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X289
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X289
OPE TIME MN								
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X289
AGING								
SUBMERGENCE	N/A							

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1480389/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	***	X290
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X290
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X290
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X290
OPE TME MN								X290
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X290
AGING								X290
SUBMERGENC	N/A							X290

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1480396/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001		X291
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002		X291
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXXS99 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003		X291
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004		X291
OPE TIME MN								X291
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005		X291
AGING								X291
SUBMERGENC	N/A							X291

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CI

COMP/EQUIP 1AB0397/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	*****	X292
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	*****	X292
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	*****	X292
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	*****	X292
DPE TME MN							X292
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	*****	X292
AGING							X292
SUBMERGENC N/A							X292

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM PR

COMP/EQUIP 1AB0418/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001	*****	X293
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002	*****	X293
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003	*****	X293
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004	*****	X293
OPE TME	MN										X293
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005	*****	X293
AGING											X293
SUBMERGENC	N/A										X293

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM DC

COMP/EQUIP 1AB0531/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001		X295
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002		X295
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003		X295
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004		X295
OPE TME MN											X295
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005		X295
AGING											X295
SUBMERGENC	N/A										X295

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

SYSTEM PP
 COMP/EQUIP 1A80551/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

ACCURACY	ENVIRONMENT		DOCUMENTATION REFERENCE		QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC QUAL	METHOD		***	NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	UDXX999	XDAB001	SEE OUTST ITEMS	XDAB001		X296
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	UDXX999	XDAB001	SEE OUTST ITEMS	XDAB002		X296
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	UDXX999	XDAB001	SEE OUTST ITEMS	XDAB003		X296
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	UDXX999	XDAB001	SEE OUTST ITEMS	XDAB004		X296
OPE TME MN								X296
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999	XDAB001	SEE OUTST ITEMS	XDAB005		X296
AGING								X296
SUBMERGENC	N/A							X296

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- *****
- *****
- *****
- XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
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- XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



QUALIFICATION DATA SHEET

SYSTEM PP

COMP/EQUIP 1AB0552/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION	REFERENCE	QUALIFICATION	OUTST**	REMARKS
TEMP DEG F	ZONE A	9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	PLT DES SPEC	METHOD		COMP NO
			SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB001	X297
	PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB002	X297
	REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB003	X297
	RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB004	X297
	OPE TME	MN						X297
	CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XDAB005	X297
	AGING							X297
	SUBMERGENC	N/A						X297

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 14B0703/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES	SPEC	QUAL	METHOD	QUALIFICATION	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 8 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002	SEE OUTST ITEMS	XDAB001	X298	NO
PRESS PSIA	ZONE A 8 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002	SEE OUTST ITEMS	XDAB002	X298	NO
REL HUMID%	ZONE A 8 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002	SEE OUTST ITEMS	XDAB003	X298	NO
RADIATION	ZONE A 8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002	SEE OUTST ITEMS	XDAB004	X298	NO
OPE TIME MN											X298	NO
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002	SEE OUTST ITEMS	XDAB005	X298	NO
AGING											X298	NO
SUBMERGENC	N/A										X298	NO

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

SYSTEM FW

COMP/EQUIP 1AB0705/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB001	*** NO X299
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB002	X299
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB003	X299
RADIATION	ZONE A B 2-0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB004	X299
OPE TME MN							X299
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDAB005	X299
AGING							X299
SUBMERGENC	N/A						X299

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1K-1022/INSTRUMENTATION JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A10 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDKB001	X300
PRESS PSIA	ZONE A10 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDKB002	X300
REL HUMID%	ZONE A10 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDKB003	X300
RADIATION	ZONE A10 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDKB004	X300
OPER TIME MIN							X300
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002 SEE OUTST ITEMS	SEE OUTST ITEMS	XDKB005	X300
AGING							X300
SUBMERCENS	N/A						X300

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDKB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDKB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

- XDKB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDKB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDKB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDKB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
- XDKB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



PROJECT NUMBER 6165-00
 REVISION 2
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QUALIFICATION DATA SHEET

SYSTEM VC

COMP/EQUIP 1K-1035/INSTRUMENTATION JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002	SEE OUTST ITEMS	XDKB001	SEE OUTST ITEMS	X301
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002	SEE OUTST ITEMS	XDKB002	SEE OUTST ITEMS	X301
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002	SEE OUTST ITEMS	XDKB003	SEE OUTST ITEMS	X301
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002	SEE OUTST ITEMS	XDKB004	SEE OUTST ITEMS	X301
OPE TME	MN							X301
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKB001 XDKB002	SEE OUTST ITEMS	XDKB005	SEE OUTST ITEMS	X301
AGING								X301
SUBMERGENC	N/A							X301

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDKB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDKB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDKB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
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 XDKB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
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 XDKB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 XDKB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

SYSTEM CC

COMP/EQUIP 1AB0210/AUX BUILDING JUNCTION BOX

MANUFACTURER

MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X0AB001	X577
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X0AB002	X577
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X0AB003	X577
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X0AB004	X577
OPE TME MN						X577
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	X0AB005	X577
AGING						X577
SUBMERGENC	N/A					X577

DOCUMENTATION

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 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

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 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
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 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
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 - 3.5 Compilation of Identification (ID) Sheets
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 - 3.7 ID and Data Sheet Integration
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 - 4.1.1.1 Flood Level Elevation Inside Containment
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 - 4.2.1 Containment
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Outside Containment - Unit 2
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Outside the Containment - Unit 2

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP 2EI-AP48		ELECTRICAL INDICATOR	WEST	KA-241	X-2200		G/20 642'-0''	A 1 AUX	N/A		22E-2-4000C	N901
FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 248												
AP 2EI-AP59		ELECTRICAL INDICATOR	WEST	KA-241	X-2200		G/20 642'-0''	A 1 AUX	N/A		22E-2-4000C	N901
FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 249												
AP 2SI-AP46		ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		G/20 642'-0''	A 1 AUX	N/A		22E-2-4000C	N902
FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 2A FREQUENCY												
AP 2SI-AP47		ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		G/20 642'-0''	A 1 AUX	N/A		22E-2-4000C	N902
FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 2A FREQUENCY												
AP 2APO06		4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-231	22E-2-3203	Q004
FUNCTION/SERVICE: AUX POWER BUS 242 & 141												
AP 2APO07		4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E-2-3203	Q005
FUNCTION/SERVICE: AUX POWER BUS 243 & 141												
AP 2APO08		4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E-2-3203	Q006
FUNCTION/SERVICE: AUX POWER BUS 244 & 141												
AP 2APO13		480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/9 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q010
FUNCTION/SERVICE: POWER FEED TO ESS MCC'S 2371 & 2372												
AP 2APO14		480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/7 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q011
FUNCTION/SERVICE: POWER FEED TO ESS MCC'S 2382, 2383 A&B, 2381 A&B												
AP 2APO15		480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/61 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q012
FUNCTION/SERVICE: POWER FEED TO ESS MCC'S 2391, 2392, 2393A												
AP 2APO30		480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958 SH.48A 22F	22E-2-3203	Q023
FUNCTION/SERVICE: POWER FEED FROM 480V SWGR ESS BUS 237												
AP 2APO31		480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A	75C247958 S49.50	22E-2-3203	Q024
FUNCTION/SERVICE: POWER FEED FROM 480V SWGR ESS BUS 238												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CISCO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 2A0033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 SH51-2	22E-2-3203	0025
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 239							
*	AP 2A0035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C250872 SH1.42	22E-0-3058	0026
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 238							
*	AP 2A0036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	0027
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 239							
*	AP 2A0046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 SH.44	22E-0-3053	0028
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 237							
*	AP 2A0090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	0029
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 238							
*	AP 2A0092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	0031
				FUNCTION/SERVICE:	POWER FEED FROM 480V ESS MCC 2393C							
*	AP 2A0093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	0032
				FUNCTION/SERVICE:	POWER FEED FROM 480V ESS MCC 2393A & MCC 2393B							
*	AP 2A0055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 29		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	0038
				FUNCTION/SERVICE:	POWER FEED TO MOV HTRS							
*	AP 2A0002	4160V SWGR BUS 242	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2 AUX	N/A	33-45122-E	22E-2-3205	0049
				FUNCTION/SERVICE:	AUX POWER ESS BUS 247							
*	AP 2A0003	4160V SWGR BUS 243	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2 AUX	N/A	33-45122-E	22E-2-3205	0050
				FUNCTION/SERVICE:	AUX POWER ESS BUS 248							
*	AP 2A0004	4160V SWGR BUS 244	ITE	TYPE 5 HK-350	X-2240	103443	H/6 642	A 2 AUX	N/A	33-45122-E	22E-2-3205	0051
				FUNCTION/SERVICE:	AUX POWER ESS BUS 249							
*	AP 2A0032	480V CRIB HSE ESS MCC 2382	GE	7700 LINE	X-2260	103869	CC/103 594	P 1 CRIB	N/A	75C247958 SH.67	22E-2-3147	0054
				FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 238							

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP 2A034	480V CRIB HSE ESS MCC 2392	GE	7700 LINE	X-2260	103869	BB/101 594	P 1 CRIB	N/A	75C247958 SH.68	22E-2-3147	Q055
			FUNCTION/SERVICE:	POWER FEED FROM 480V SWGR ESS BUS 239							
AP 2CB076	PRDC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-0-3091	S014
			FUNCTION/SERVICE:								
AP 2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.B	22E-0-3090	S034
			FUNCTION/SERVICE:								
AP 2CB011	MCB- CONT ISOL	HARLO CORP.		X-2291	109918	G/17 642	A 1 AUX	N/A	E12942 SH.B	22E-0-3090	S037
			FUNCTION/SERVICE:								
AP 2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14 642	A 1 AUX	N/A	303211	22E-0-3091	S040
			FUNCTION/SERVICE:								
AP 2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S092
			FUNCTION/SERVICE:								
AP 2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A 1 AUX	N/A		22E-0-3091	S093
			FUNCTION/SERVICE:								
AP 2CB049	TRANSMITTER PWR SUPPLY	FISH-P		X-2311	113435	K/15 642	A 6 AUX	N/A		22E-0-3091	S098
			FUNCTION/SERVICE:								
AP 2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305	123159	H/11 642	A 1 AUX	N/A		22E-0-3091	S102
			FUNCTION/SERVICE:								
AP 2CB094	ESS LOGIC TRAIN CAB 1	HARLO CORP.		X-2305	123159	G/11 642	A 1 AUX	N/A		22E-0-3091	S110
			FUNCTION/SERVICE:								
AP 2CB071	MCB-DIESEL GEN 2A & AUX POWER	WEST		X-22005	382557	G/20 642	A 1 AUX	N/A		22E-0-3090	S115
			FUNCTION/SERVICE:	CONT & INDIC FOR AP SYS POWER FEED BRKRS							
AP 2CB072	MCB-DIESEL GEN 2B & AUX POWER	WEST		X-222005	382557	G/20 642	A 1 AUX	N/A		22E-0-3090	S116
			FUNCTION/SERVICE:	CONT & INDIC FOR AP SYS POWER FEED BRKRS							

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 2CB070	MCB-DIESEL GEN O & AUX POWER	WEST		X-22005	382557	G/20 642	A 1 AUX	N/A		22E-0-3090	S135
			FUNCTION/SERVICE: CONT & INDIC FOR AP SYS POWER FEED BRKRS									
*	AP 2CB063	125V DC DIST CENTER 211	GE		X-2326	119389	K/13 642	A 1 AUX	N/A		22E-0-3091	S144
			FUNCTION/SERVICE:									
*	AP 2CB064	125V DC DIST CENTER 212	GE		X-2326	19389	K/11 642	A 1 AUX	N/A		22E-0-3091	S145
			FUNCTION/SERVICE:									
*	AP 2CB001	MCB-AUX PWR	HARLO CORP.		X-2291	109918	G/19 612	A 1 AUX	N/A		22E-0-3090	S157
			FUNCTION/SERVICE: CONT & INDIC FOR AP SYS POWER FEED BRKRS									
*	AP 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SHO1A	22E-2-3203	T007
			FUNCTION/SERVICE:									
*	AP 2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A 3 AUX	N/A	E13064-SHO1D	22E-2-3203	T008
			FUNCTION/SERVICE:									
*	AP 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1B	22E-2-3203	T009
			FUNCTION/SERVICE:									
*	AP 2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1E	22E-2-3203	T010
			FUNCTION/SERVICE:									
*	AP 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SHO1C	22E-2-3203	T011
			FUNCTION/SERVICE:									
*	AP 2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A 3 AUX	N/A	E13064-SHO1F	22E-2-3203	T012
			FUNCTION/SERVICE:									
*	AP 2LP04	TRAVELLING SCREEN CONT	HARLO CORP.		X-2248	105502	C/105 594	P 1 CRIB	N/A	12861 S03	22E-0-3402	T064
			FUNCTION/SERVICE:									
*	AP 2LP09	DIESEL GEN 2A CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A 5 DG	N/A		22E-2-3202	T065
			FUNCTION/SERVICE:									

COMPONENT/EQUIPMENT ID SHEET												
* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 2LP11	DIESEL GEN 2B CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A 5 DG	N/A		22E-2-3202	T067
*			FUNCTION/SERVICE:									
*	AP 2AB0235	JUNCTION BDX	BY MAN ENGINE				H/6 592	A 5 DG	N/A		22E-2-3202	X527
*			FUNCTION/SERVICE: CONT FOR DG 2B AT 4160V SWGR ESS BUS 249 (2AP008)									
*	AP 2AB0237	JUNCTION BDX	BY MAN ENGINE				H/8 592	A 5 DG	N/A		22E-2-3202	X528
*			FUNCTION/SERVICE: CONT FOR DG 2A AT 4160V SWGR ESS BUS 248 (2AP007)									
*	AR 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 SH51-2	22E-2-3203	Q025
*			FUNCTION/SERVICE: POWER SUPPLY FOR AREA RADIATION MONITOR									
*	AR 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
*			FUNCTION/SERVICE: POWER SUPPLY FOR AREA RADIATION MONITOR									
*	AR 2CB091	INSTR DIST BUS 213	FISH-H		X-2329	119387	K/11 642	A 1 AUX	N/A		22E-0-3091	S021
*			FUNCTION/SERVICE:									
*	AR 2CB014	MCB- AREA RAD MONITOR CAB	WEST		X-22005	382557	H/17 641	A 1 AUX	N/A		22E-0-3090	S131
*			FUNCTION/SERVICE:									
*	AR 2CB073	RAD MONITOR- ING- BOP	NCLR MSR CORP		X-2333	119393	H/17 642	A 1 AUX	N/A		22E-0-3090	S132
*			FUNCTION/SERVICE:									
*	AV 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-231	22E-2-3203	Q004
*			FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT EXH FAN									
*	AV 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E-2-3203	Q005
*			FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT EXH FAN									
*	AV 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E-2-3203	Q006
*			FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT EXH FAN & SUPPLY FAN									
*	AV 2AP013	480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/9 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q010
*			FUNCTION/SERVICE: POWER SUPPLY FOR AUX BLDG VENT EXH FAN OD (OAVO19)									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AV 2APO14		480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/7 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q011
			FUNCTION/SERVICE: POWER SUPPLY FOR AUX BLDG VENT EXH FAN OE (OAV020)									
AV 2APO15		480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/6 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q012
			FUNCTION/SERVICE: POWER SUPPLY FOR AUX BLDG VENT SUPPLY FAN OC & EXH FAN OF (OAV015,OAV021)									
AV 2APO31		480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A	75C247958 S49.50	22E-2-3203	Q024
			FUNCTION/SERVICE: POWER SUPPLY FOR CHARCOAL ABSORBER BOOSTER FAN OC (OAV024)									
AV 2APO33		480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 SH51-2	22E-2-3203	Q025
			FUNCTION/SERVICE: POWER SUPPLY FOR CHARCOAL ABSORBER BOOSTER FAN OD (OAV025)									
AV 2APO35		480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 SH1.42	22E-0-3058	Q026
			FUNCTION/SERVICE: POWER SUPPLY FOR UNIT COOLERS 2AV002,2AV006,2AV009									
AV 2APO36		480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	Q027
			FUNCTION/SERVICE: POWER SUPPLY FOR UNIT COOLER 2AV012 & AIR COMPR OAV071									
AV 2APO46		480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 SH2.44	22E-0-3053	Q028
			FUNCTION/SERVICE: POWER SUPPLY FOR UNIT COOLERS 2AV007,2AV008,2AV011									
AV 2APO92		480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
			FUNCTION/SERVICE: POWER SUPPLY FOR UNIT COOLER 2AV001									
AV 2APO02		4160V SWGR BUS 242	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2 AUX	N/A	33-45122-E	22E-2-3205	Q049
			FUNCTION/SERVICE:									
AV 2CBO50		ANNUN INPUT RLY LOGIC CAB	BETA		X-2322	119390	G/14 642	A 1 AUX	N/A	303211 SH.12	22E-0-3091	S039
			FUNCTION/SERVICE:									
AV 2ABO043		JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/14 579	A 7 AUX	N/A		22E-0-3063	X503
			FUNCTION/SERVICE: RECIPROCATING CHARGING PUMP 2C COOLER (2AV010)									
			FUNCTION/SERVICE: OTS-AV109,OHS-AV109A,PUSHBUTTON STATION,OSV-AV109									

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AV 2AB0044	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	M/19 579		A 7 AUX	N/A		22E-O-3054	X5C
*												
*												
*	AV 2AB0048	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/16 579		A 7 AUX	N/A		22E-O-3063	X505
*												
*												
*	AV 2AB0049	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/16 579		A 7 AUX	N/A		22E-O-3063	X506
*												
*												
*	AV 2AB0053	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	M/19 560		A 7 AUX	N/A		22E-O-3059	X507
*												
*												
*	AV 2AB0055	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/14 560		A 7 AUX	N/A		22E-O-3058	X508
*												
*												
*	AV 2AB0057	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	M/17 560		A 7 AUX	N/A		22E-O-3059	X509
*												
*												
*	AV 2AB0059	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/16 560		A 7 AUX	N/A		22E-O-3063	X510
*												
*												
*	AV 2AB0090	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/19 542		A 7 AUX	N/A		22E-O-3054	X511
*												
*												
*	AV 2AB0098	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/16 560		A 7 AUX	N/A		22E-O-3058	X512
*												
*												
*	AV 2AB0128	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/18 542		A 7 AUX	N/A		22E-O-3054	X513
*												
*												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CON/IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AV	2AB0129	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/19 579	A 7	AUX	N/A	22E-O-3063	X514
					FUNCTION/SERVICE:							RHR PUMP 2B COOLER
AV	2AB0130	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 579	A 7	AUX	N/A	22E-O-3063	X515
					FUNCTION/SERVICE:							CENTRIFUGAL CHARGING PUMP 2A COOLER
AV	2AB0131	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/14 579	A 7	AUX	N/A	22E-O-3063	X516
					FUNCTION/SERVICE:							RECIPROCATING CHARGING PUMP 2C COOLER
AV	2AB0132	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/19 560	A 7	AUX	N/A	22E-O-3059	X517
					FUNCTION/SERVICE:							CONTMT SPRAY PUMP 2A COOLER
AV	2AB0133	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/17 560	A 7	AUX	N/A	22E-O-3059	X518
					FUNCTION/SERVICE:							CONTMT SPRAY PUMP 2B COOLER
AV	2AB0135	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/16 560	A 7	AUX	N/A	22E-O-3058	X519
					FUNCTION/SERVICE:							SAFETY INJECTION PUMP 2A COOLER
AV	2AB0136	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/14 560	A 7	AUX	N/A	22E-O-3058	X520
					FUNCTION/SERVICE:							SAFETY INJECTION PUMP 2B COOLER
AV	2AB0232	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	N/23 642	A 7	AUX	N/A	22E-O-3092	X524
					FUNCTION/SERVICE:							
AV	2AB0274	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/17 642	A 11	AUX	N/A	22E-O-3090	X532
					FUNCTION/SERVICE:							AUX BLDG VENT SUPPLY FAN OC
CC	2MOV-CC9412A	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	G-676258	116878	L/19 560'-0''	A 15	AUX	N/A	K-7296	M-523 C252
					FUNCTION/SERVICE:							POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP
CC	2MOV-CC9412B	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	G-676258	116878	M/19 560'-0''	A 15	AUX	N/A	K-7296	M-523 C252
					FUNCTION/SERVICE:							POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP
CC	2FT-688	FLOW TRANSMITTER	BARTON	332	X-2200	118630	M/19 560'-0''	A 7	AUX	N/A	M-296	N401
					FUNCTION/SERVICE:							RHX 2B OUT FLOW INDICATION & ALARM/RHX 2B OUT

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	CC 2FT-689	FLOW TRANSMITTER	BARTON	332	X-2200	118630	H/18 560'-0''	A 7 AUX	N/A		M-297	N401
		FUNCTION/SERVICE: RHX 2A OUT FLOW INDICATION & ALARM/RHX 2A OUT										
	CC 2FI-688	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A 1 AUX	N/A		22E-1-4304	N402
		FUNCTION/SERVICE: RHX 1A OUT FLOW INDICATION/RHX 1A OUT										
	CC 2FI-689	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	N402
		FUNCTION/SERVICE: RHX 2B OUT FLOW INDICATION/RHX 2B OUT										
	CC 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E 2-3203	0005
		FUNCTION/SERVICE: POWER SUPPLY FOR CC PUMP OB										
	CC 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E 2-3203	0006
		FUNCTION/SERVICE: POWER SUPPLY FOR CC PUMP OA										
	CC 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 S1.42	22E-0-3058	0026
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV 2MOV-CC9412B										
	CC 2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	0027
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV5 2MOV-CC9412A, -CC9415										
	CC 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 S2.44	22E-0-3053	0028
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV 2MOV-CC9413A, 2FCV-CC685										
	CC 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	0031
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS 2LCV-CC112B, -CC9414										
	CC 2AP055	MOV HTRS-DIST. PNL-DIV 29	FISH-H B/M-C-458		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	0038
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS MOV HTRS										
	CC 2CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	5012
		FUNCTION/SERVICE:										
	CC 2CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	5013
		FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CC	2CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-O-3091	S014
CC	2CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S015
CC	2CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S016
CC	2CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S017
CC	2CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S018
CC	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S034
CC	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S035
CC	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S036
CC	2CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S038
CC	2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14	A 1 AUX	N/A	303211	22E-O-3091	S040
CC	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305		H/11 642	A 1 AUX	N/A		22E-O-3091	S102
CC	2CB094	ESS LOGIC TRAIN 1 CAB.	HARLO CORP.		X-2305	123159	G/11 642	A 1 AUX	N/A		22E-O-3091	S110

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
CC	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
			FUNCTION/SERVICE:									
CC	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01B	22E-2-3203	T009
			FUNCTION/SERVICE:									
CC	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01E	22E-2-3203	T010
			FUNCTION/SERVICE:									
CC	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SH01C	22E-2-3203	T011
			FUNCTION/SERVICE:									
CI	2APO07	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E-2-3203	Q005
			FUNCTION/SERVICE:									
CI	2APO08	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E-2-3203	Q006
			FUNCTION/SERVICE:									
CI	2APO15	480V SWGR. BUS 239	WEST	TYPE DS	X-2257	103870	H/6 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q012
			FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS									
CI	2APO30	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958 SH.48A	22E-2-3203	Q023
			FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS; 2MOV-VCB105									
CI	2APO31	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A	75C247958 S49.50	22E-2-3203	Q024
			FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS									
CI	2APO33	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 SH51-2	22E-2-3203	Q025
			FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS									
CI	2APO35	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 SH1.42	22E-0-3058	Q026
			FUNCTION/SERVICE: POWER SUPPLY FOR WD SYS PUMP OWDO19 AND VLV 2MOV-FW01B									
CI	2APO36	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	Q027
			FUNCTION/SERVICE: POWER SUPPLY FOR VC SYS VLV 2MOV-VCB100, & PUMP 2VC006									

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 2,44	22E-0-3053	Q028
*												FUNCTION/SERVICE: POWER SUPPLY FOR BD 2MOV-CC685,CC9413A
*	CI 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
*												FUNCTION/SERVICE: POWER SUPPLY FOR WD SYS PUMP OWDO48
*	CI 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	Q032
*												FUNCTION/SERVICE: POWER SUPPLY FOR WD SYS PUMP OWDO27 & VLVS 2MOV-FW017,2MOV-FW019
*	CI 2AP055	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458 29	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q038
*												FUNCTION/SERVICE:
*	CI 2AP002	4160V SWGR BUS 242	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2 AUX	N/A	33-45122-E	22E-2-3205	Q049
*												FUNCTION/SERVICE:
*	CI 2AP003	4160V SWGR BUS 243	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2 AUX	N/A	33-45122-E	22E-2-3205	Q050
*												FUNCTION/SERVICE:
*	CI 2AP004	4160V SWGR BUS 244	ITE	TYPE 5 HK-350	X-2240	103443	H/6 642	A 2 AUX	N/A	33-41522-E	22E-2-3205	Q051
*												FUNCTION/SERVICE:
*	CI 2AP019	480V AUX BLDG MCC 2331A	GE	7700 LINE	X-2260	103869	K/16 617	A 6 AUX	N/A	75C247958 SH.55	22E-0-3077	Q053
*												FUNCTION/SERVICE: POWER SUPPLY FOR CONTMT FLOOR DRAIN SUMP PUMP 2A 2W0085
*	CI 2AP032	480V CRIB HSE ESS MCC 2382	GE	7700 LINE	X-2260	103869	CC/103 594	P 1 CRIB	N/A	75C247958 SH.67	22E-2-3147	Q054
*												FUNCTION/SERVICE:
*	CI 2AP034	480V CRIB HSE ESS MCC 2392	GE	7700 LINE	X-2260	103869	BB/101 594	P 1 CRIB	N/A	75C247958 SH.68	22E-2-3147	Q055
*												FUNCTION/SERVICE: CONTROL INTERLOCK FOR FP SYS
*	CI 2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1 AOK	N/A	E12942 SH.7	22E-0-3090	S032
*												FUNCTION/SERVICE: CONTROL AND INDICATION FOR ISOLATION VALVES

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCL SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 2CB007		MCB-C&VC SYS	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH. 7	22E-O-3090	S033
					FUNCTION/SERVICE: CONT & INDIC FOR CI SYS VALVS 2MOV-VCB105,VCB106							
CI 2CB008		MCB-ESF DIV 2	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH. 7	22E-O-3090	S034
					FUNCTION/SERVICE: CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
CI 2CB009		MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH. 8	22E-O-3090	S035
					FUNCTION/SERVICE: CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
CI 2CB010		MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH. 8	22E-O-3090	S036
					FUNCTION/SERVICE:							
CI 2CB011		MCB-ESF CONT ISOL	HARLO CORP.		X-2291	109918	G/17 642	A 1 AUX	N/A	E12942 SH. 8	22E-O-3090	S037
					FUNCTION/SERVICE: CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
CI 2CB012		MCB-BOP PORTION OF ESF	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH. 8	22E-O-3090	S038
					FUNCTION/SERVICE:							
CI 2CB013		MCB-PROCESS RAD. MON. CAB.	WEST		X22005	382557	K/17 642	A 1 AUX	N/A		22E-O-3090	S081
					FUNCTION/SERVICE:							
CI 2CB032		ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S092
					FUNCTION/SERVICE: ALARM AND CONTROL VLV 2MOV-VCB105							
CI 2CB033		ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A 1 AUX	N/A		22E-O-3091	S093
					FUNCTION/SERVICE: ALARM AND CONTROL VLV 2MOV-VCB106							
CI 2CB038		DC DIST CONT. CAB. 212	FISH-H		X-2329	119387	G/10 642	A 1 AUX	N/A		22E-O-3091	S095
					FUNCTION/SERVICE:							
CI 2CB095		ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305		H/11 642	A 1 AUX	N/A		22E-O-3091	S102
					FUNCTION/SERVICE:							

COMPONENT/EQUIPMENT ID SHEET														
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 2CB094	ESS LOGIC TRAIN 1 CAB.	HARLO CORP.		X-2305	123159	G/11 642	A	1	AUX	N/A		22E-0-3091	S110
			FUNCTION/SERVICE:											
*	CI 2CB051	FIRE PROT ALAM CAB	FISH-H		X-2329	119387	G/20 642	A	1	AUX	N/A		22E-0-3091	S158
			FUNCTION/SERVICE:											
*	CI 2CB100	AIRCRAFT FIRE DET PNL DG2A AIR INTAKE		B/M3782C			K/17 642	A	1	AUX	N/A		22E-0-3090	S159
			FUNCTION/SERVICE:											
*	CI 2CB101	AIRCRAFT FIRE DET PNL DG2B AIR INTAKE		B/M3872C			K/17 642	A	1	AUX	N/A		22E-0-3091	S160
			FUNCTION/SERVICE:											
*	CI 2CB102	AIRCRAFT FIRE DET PNL 5 BATT AIR INTAKE		B/M3782C			K/17 642	A	1	AUX	N/A		22E-0-3091	S161
			FUNCTION/SERVICE:											
*	CI 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A	3	AUX	N/A	E13064-SH01A	22E-2-3203	T007
			FUNCTION/SERVICE: CONTAINMENT ISOLATION VALVES											
*	CI 2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A	3	AUX	N/A	E13064-SH01D	22E-2-3203	T008
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL											
*	CI 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A	3	AUX	N/A	E13064-SH01B	22E-2-3203	T009
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL											
*	CI 2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A	3	AUX	N/A	E13064-SH01E	22E-2-3203	T010
			FUNCTION/SERVICE: AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL											
*	CI 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A	3	AUX	N/A	E13064-SH01C	22E-2-3203	T011
			FUNCTION/SERVICE:											
*	CI 2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A	3	AUX	N/A	E13064-SH01F	22E-2-3203	T012
			FUNCTION/SERVICE:											
*	CI 2LP04	TRAVELLING SCREEN CONT	HARLO CORP.		X-2248	105502	CC/105 594	P	1	CRIB	N/A	12861 503	22E-0-3402	T064
			FUNCTION/SERVICE:											

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	CI 2LP73	AIR CRFT CRSH FIRE DET AUX PNL DG2A AIR			B/M3782C		H/7 592	A 5 DG	N/A		22E-2-3202	T089
		FUNCTION/SERVICE:										
	CI 2LP74	AIR CRFT CRSH FIRE DET AUX PNL DG2B AIR			B/M3782C		H/7 592	A 5 DG	N/A		22E-2-3202	T090
		FUNCTION/SERVICE:										
	CI 2LP75	AIR CRFT CRSH FIRE DET AUX			B/M3782C		J/8 592	A 2 AUX	N/A		22E-2-3202	T091
		FUNCTION/SERVICE:										
	CI 2CM002	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U001
		FUNCTION/SERVICE:										
	CI 2AB0009	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	N/19 542	A 7 AUX	N/A		22E-0-3054	X500
		FUNCTION/SERVICE: AUX BLDG FLOOD DRAIN SUMP A PUMPS OA & OB HI LEVEL ANNUNCIATION (OLSH-WD30A,B)										
	CI 2AB0241	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X530
		FUNCTION/SERVICE: AIRCRAFT CRASH FIRE DETECTION SYS, S.W. AREA VENT FAN OBN										
	CI 2AB0242	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X531
		FUNCTION/SERVICE: AIRCRAFT CRASH FIRE DETECTION SYS, S.W. AREA VENT FAN OCN										
	CI 2AB0274	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	K/17 642	A 11 AUX	N/A		22E-0-3090	X532
		FUNCTION/SERVICE: AIRCRAFT FIRE DETECTION SYS, AUX BLDG VENT SUPPLY FAN OC, DIESEL GEN O. 2A&2B ROOM VENT FAN, S.W. AREA VENT FAN OAN, OBN&OCN, SWITCHGEAR ROOM EL. 671' VENT FAN										
	CI 2AB0335	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/7 592	A 5 DG	N/A		22E-2-3202	X534
		FUNCTION/SERVICE: AIRCRAFT FIRE DETECTION SYS, DIESEL GENERATOR 2A AIR INTAKE										
	CI 2AB0336	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/7 592	A 5 DG	N/A		22E-2-3202	X535
		FUNCTION/SERVICE: AIRCRAFT FIRE DETECTION SYS, DIESEL GENERATOR 2A AIR INTAKE										
	CI 2AB0361	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	J/7 592	A 5 DG	N/A		22E-2-3202	X536
		FUNCTION/SERVICE: AIRCRAFT FIRE DETECTION SYS, DIESEL GENERATOR 2B AIR INTAKE										

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2AB0362	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/7 592	A 5 DG	N/A		22E-2-3202	X537
FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,DIESEL GENERATOR 2B AIR INTAKE												
CI	2AB0464	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/8 592	A 2 AUX	N/A		22E-2-3202	X549
FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS 5TH BATTERY AIR INTAKE												
CI	2AB0465	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/8 592	A 2 AUX	N/A		22E-2-3202	X550
FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS 5TH BATTERY AIR INTAKE												
CI	2AB0551	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/26 560	A 7 AUX	N/A		22E-0-3056	X552
FUNCTION/SERVICE: RX DRAIN TANK TO GAS ANALYZER ISOL VLVS 2AOV-DT9159A,B;2AOV-RCB025.26												
CI	2CH0040	SPLICE BOX	FISH-H	EB-215	X-2329	119387	BB/107 594	P 1 CRIB	N/A		22E-2-3147	X561
FUNCTION/SERVICE:FIRE AND EVACUATION SIRENS (CRIB HOUSE)												
CI	2CH0026	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/103 594	P 1 CRIB	N/A		22E-2-3147	X587
FUNCTION/SERVICE-AIRRAFT CRASH AND FIRE DETECTION												
CI	2CH0028	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/105 594	P 1 CRIB	N/A		22E-2-3147	X588
FUNCTION/SERVICE-AIRRAFT CRASH AND FIRE DETECTION												
CI	2CH0029	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/103 594	P 1 CRIB	N/A		22E-2-3147	X589
FUNCTION/SERVICE-AIRRAFT CRASH AND FIRE DETECTION												
CI	2AB0239	JUNCTION BOX	FISH-H		X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X590
FUNCTION/SERVICE-												
CS	2CS001	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/18 560'-0''	A13 AUX	N/A	FC-45790	M-44	A751
FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 2A MP 2A												
CS	2CS002	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/18 560'-0''	A13 AUX	N/A	FC-45790	M-44	A751
FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 2B MP 2B												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
*	CS 2CS003	CS PUMP DIESEL DRIVN	CUMMIN	VTA-1710-P700	X-2247	105582	N/18 560'-0''	A13 AUX	N/A	1707-D	M-44	A752
												FUNCTION/SERVICE:ACTUATES PUMP/CS PUMP 2C
*	CS 2MOV-CS008	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	M/17 567'-0''	A13 AUX	N/A	02-403-0001-3	M-44	A753
												FUNCTION/SERVICE-EDUCTOR 2A SUCTION FROM SPRAY ADDITIVE TANK/
*	CS 2MOV-CS009	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	N/17 567'-0''	A13 AUX	N/A	02-403-0001-3	M-44	A753
												FUNCTION/SERVICE-EDUCTOR 2B SUCTION FROM SPRAY ADDITIVE TANK/
*	CS 2MOV-CS010	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	N/17 567'-0''	A13 AUX	N/A	02-403-0001-3	M-44	A753
												FUNCTION/SERVICE-EDUCTOR 2C SUCTION FROM SPRAY ADDITIVE TANK/
*	CS 2MOV-CS049	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	L/1 554'-0''	A11 AUX	N/A	02-408-0009-3	M-44	A754
												FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A
*	CS 2MOV-CS050	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2297	109913	M/1	A11 AUX	N/A	02-408-0009-3	M-44	A754
												FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A
*	CS 2MOV-CS002	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	N/18 569'-0''	A13 AUX	N/A	02-404-0008	M-44	A755
												FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.
*	CS 2MOV-CS003	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	N/18 569'-0''	A13 AUX	N/A	02-404-0008	M-44	A755
												FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.
*	CS 2MOV-CS004	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	P/18 569'-0''	A13 AUX	N/A	02-404-0008	M-44	A755
												FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.
*	CS 2MOV-CS005	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	P/18 569'-0''	A13 AUX	N/A	02-404-0008	M-44	A755
												FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.
*	CS 2MOV-CS006	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	N/18 569'-0''	A13 AUX	N/A	02-404-0008	M-44	A755
												FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.
*	CS 2MOV-CS007	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2297	109913	N/18 569'-0''	A13 AUX	N/A	02-404-0008	M-44	A755
												FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.

COMPONENT/EQUIPMENT ID SHEET														
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS	2FT-CS03A	FLOW TRANSMITTER		10B2496	X-2316		P/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/CS PUMP 2C DISCH.														
CS	2FT-CS01A	FLOW TRANSMITTER	F&P	10B2496	X-2316		P/1B 560'-0''	A13	AUX		N/A		M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/CS PUMP 2A DISCH.														
CS	2FT-CS01B	FLOW TRANSMITTER		10B2496	X-2316		N/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/EDUCTOR 2A SUCTION FLOW														
CS	2FT-CS02A	FLOW TRANSMITTER		10B2496	X-2316		P/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/CS PUMP 2B DISCH.														
CS	2FT-CS02B	FLOW TRANSMITTER		10B2496	X-2316		P/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/EDUCTOR 2B SUCTION FLOW														
CS	2FT-CS03B	FLOW TRANSMITTER		10B2496	X-2316		P/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL & INDICATION/EDUCTOR 2C SUCTION FLOW														
CS	2PT-CS19	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 617'-0''	A13	AUX		N/A		M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 1														
CS	2PT-CS20	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 617'-0''	A13	AUX		N/A		M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 2														
CS	2PT-CS21	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 560'-0''	A13	AUX		N/A		M-514, M-288	MO02
FUNCTION/SERVICE:INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 3														
CS	2PT-CS22	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 560'-0''	A13	AUX		N/A		M-514, M-288	MO02
FUNCTION/SERVICE:INITIATE SPRAY & PRESSURE INDICATION/CONTAINMENT PRESS. CH. 4														
CS	2FT-CS06	FLOW TRANSMITTER	F&P	10B2496	X-2316		M/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO04
FUNCTION/SERVICE:SPRAY ADD. 2A FLOW INDICATION & ALARM/EDUCTOR 2A SPRAY ADDITIVE														
CS	2FT-CS07	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/17 560'-0''	A13	AUX		N/A		M-514, M-296	MO04
FUNCTION/SERVICE:SPRAY ADD. 2B FLOW INDICATION & ALARM/EDUCTOR 2B SPRAY ADDITIVE														

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS	2FT-CS0B	FLOW TRANSMITTER	F&P	10B2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	MO04
		FUNCTION/SERVICE: SPRAY ADD. 2C FLOW INDICATION & ALARM/EDUCTOR 2C SPRAY ADDITIVE											
CS	2FI-CS01A	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2A DISCH											
CS	2FI-CS01B	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2A DISCH											
CS	2FI-CS02A	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2B DISCH											
CS	2FI-CS02B	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2B DISCH											
CS	2FI-CS03A	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2C DISCH											
CS	2FI-CS03B	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2C DISCH											
CS	2PI-CS19	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 1											
CS	2PI-CS20	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 2											
CS	2PI-CS21	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 3											
CS	2PI-CS22	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 4											
CS	2FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1	AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: SPRAY ADDITIVE 2A FLOW INDICATION/EDUCTOR 2A SPRAY ADDITIVE											

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CS 2F1-CS07	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1 AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: SPRAY ADDITIVE 2B FLOW IDICATION/EDUCTOR 2B SPRAY ADDITIVE										
*	CS 2F1-CS08	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A 1 AUX	N/A		M-44	MO04
		FUNCTION/SERVICE: SPRAY ADDITIVE 2C FLOW IDICATION/EDUCTOR 2C SPRAY ADDITIVE										
*	CS 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-231	22E 2-3203	Q004
		FUNCTION/SERVICE: POWER SUPPLY FOR CONTMT SPRAY PUMP 2A										
*	CS 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E 2-3203	Q005
		FUNCTION/SERVICE: POWER SUPPLY FOR CONTMT SPRAY PUMP 2B										
*	CS 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958548.48A	22E-2-3203	Q023
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS PUMP 2A CONTROL										
*	CS 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C250872 SH1.42	22E-0-3058	Q026
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS VLV 2MOV-CS0005, -CS0050										
*	CS 2AP046	480V AUX FLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 SH.44	22E-0-3053	Q028
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS VLVS 2MOV-CS0008, -CS0002, -CS0003										
*	CS 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS PUMP 2B CONTROL										
*	CS 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
		FUNCTION/SERVICE: CONTROL INTERLOCK FOR VLV 2MOV-CS0049										
*	CS 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	Q032
		FUNCTION/SERVICE: PWR SUPPLY FOR CS SYS VLVS 2MOV-CS0049, -CS0006, -CS0007, -CS0010										
*	CS 2AP055	MOV HTRS-DIST. PNL-DIV	FISH-H	B/M-C-458 29	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q038
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS MOV HTRS										
*	CS 2CB008	MCB-ESF DIV 27	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S034
		FUNCTION/SERVICE: CONT & INDIC FOR CS SYS PUMPS & VLVS										

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CS 2CB009	MCB-ESF DIV 28	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S035
				FUNCTION/SERVICE:	CONT & INDIC FOR CS SYS PUMPS & VLVS							
*	CS 2CB010	MCB-ESF DIV 29	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S036
				FUNCTION/SERVICE:	CONT & INDIC FOR CS SYS VALVES							
*	CS 2CB012	MCB-BOP PORTION OF ESF	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S038
				FUNCTION/SERVICE:								
*	CS 2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/14	A 1 AUX	N/A	303211	22E-0-3091	S040
				FUNCTION/SERVICE:								
*	CS 2CB015	MCB AUTO CONTROL CAB.	WEST		X-2316	113429	G/17 642	A 1 AUX	N/A		22E-0-3090	S082
				FUNCTION/SERVICE:								
*	CS 2CB017	MCB - BACK OF PNL	HARLO CORP.		X-2291	109918	G/17 642	A 1 AUX	N/A		22E-0-3090	S118
				FUNCTION/SERVICE:								
*	CS 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
				FUNCTION/SERVICE:								
*	CS 2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A 3 AUX	N/A	E13064-SH01D	22E-2-3203	T008
				FUNCTION/SERVICE:								
*	CS 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01B	22E-2-3203	T009
				FUNCTION/SERVICE:								
*	CS 2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01E	22E-2-3203	T010
				FUNCTION/SERVICE:								
*	CS 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SH01C	22E-2-3203	T011
				FUNCTION/SERVICE:								
*	CS 2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A 3 AUX	N/A	E13064-SH01F	22E-2-3203	T012
				FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET

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CS	2LP30	CONTMT SPRAY PMP 1C DIESEL	DRESS INDUS		X-2247	105582	N/19 560	A 7 AUX	N/A		22E-0-3059	T075
			FUNCTION/SERVICE:									
CS	2CM008	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U001
			FUNCTION/SERVICE:									
CS	2CM008	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U001
			FUNCTION/SERVICE:									
CS	2CM009	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U004
			FUNCTION/SERVICE:									
CS	2K-2067	JUNCTION BOX		EB-214E			M/17 560	A 7 AUX	N/A		22E-2-3408	X567
			FUNCTION/SERVICE: CONTMT SPRAY PUMP 2A INBD & OUT BD THERMOCOUPLES 2TE-CS01A,B									
			FUNCTION/SERVICE: EDUCTOR 2A SUCTION FLOW TRANSMITTER 2FT-CS01B									
			FUNCTION/SERVICE: EDUCTOR 2A WATER INLET FLOW CONT VLV 2FCV-CS01									
			FUNCTION/SERVICE: CONTMT SPRAY PUMP 2A DISCH FLOW TRANSMITTER 2FT-CS01A									
CS	2K-2068	JUNCTION BOX		EB-214E			M/17 560	A13 AUX	N/A		22E-2-3408	X568
			FUNCTION/SERVICE: EDUCTOR 2A,2B,2C SPRAY ADDITIVE FLOW TRANSMITTES 2FT-CS06,7,8									
			FUNCTION/SERVICE: CONTMT SPRY PMP 2A & 2B UNBD & OUTBD THERMOCOUPLES 2TE-CS02A,B									
			FUNCTION/SERVICE: EDUCTOR 2B SUCTION FLOW TRANSMITTER 2FT-CS02B									
			FUNCTION/SERVICE: EDUCTOR 2B WATER INLET FLOW CONT VLV 2FCV-CS02									
			FUNCTION/SERVICE: CONTMT SPRAY PUMP 2B DISCH FLOW TRANSMITTER 2FT-CS02A									
CS	2K-2069	JUNCTION BOX		EB-214B			P/17 560	A13 AUX	N/A		22E-2-3408	X569
			FUNCTION/SERVICE: EDUCTOR 2C WATER INLET FLOW CONT VLV 2FCV-CS03									
			FUNCTION/SERVICE: CONTMT SPRAY PUMP 2C DISCH FLOW TRANSMITTER 2FT-CS03A									
			FUNCTION/SERVICE: EDUCTOR 2C SUCTION FLOW TRANSMITTER 2FT-CS03B									
CV	2APO30	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958 SH.48A	22E-2-3203	Q023
			FUNCTION/SERVICE: POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OAN OCVO01									
CV	2APO32	480V CRIB HSE ESS MCC 2382	GE	7700 LINE	X-2260	103869	CC/103 594	P 1 CRIB	N/A	75C247958 SH.67	22E-2-3147	Q054
			FUNCTION/SERVICE: PWR SUPPLY FOR S.W. AREA VENT FAN OBN OCVO02,AIR COMPR OCVO29									

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	F.L.D. BUILD LEV	VEN/DUN DRAWING	S/L DRAWING	COMP NO
CV	2APO04	480V CRIB HSE ESS MCC 2392	GE	7700 LINE	X-2260	103869	BB/101 594	P 1 CRIB	N/A	75C247958 SH.68	22E-2-3147	Q055
				FUNCTION/SERVICE:	POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OCN OCVO03							
CV	2CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	109390	G/14 642	A 1 AUX	N/A	303211 SH.182	22E-0-3091	S039
				FUNCTION/SERVICE:								
CV	2AB0241	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X530
				FUNCTION/SERVICE:	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
				FUNCTION/SERVICE:	SOUTHWEST AREA VENT FAN OBN							
				FUNCTION/SERVICE:	SERVICE WATER PUMP 2B PRES SW 2PSL-2W147							
CV	2AB0242	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X531
				FUNCTION/SERVICE:	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
				FUNCTION/SERVICE:	SOUTHWEST AREA VENT FAN OCN							
				FUNCTION/SERVICE:	SERVICE WATER PUMP 2C PRES SWITCH							
				FUNCTION/SERVICE:	BOOSTER PUMP 2A PRESSURE SWITCH 2PSL-SW148							
CV	2AB0274	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/17 642	A11 AUX	N/A		22E-0-3090	X532
				FUNCTION/SERVICE:	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
				FUNCTION/SERVICE:	SOUTHWEST AREA VENT FAN OBN, OCN, OAN							
CV	2CH0028	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/103 594	P 1 CRIB	N/A		22E-2-3147	X555
				FUNCTION/SERVICE:	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
				FUNCTION/SERVICE:	SOUTHWEST AREA VENT FAN OBN							
				FUNCTION/SERVICE:	SERVICE WATER PUMP 2B PRES SW 2PSL-SW147							
CV	2CH0029	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/103 594	P 1 CRIB	N/A		22E-2-3147	X556
				FUNCTION/SERVICE:	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
				FUNCTION/SERVICE:	SOUTHWEST AREA VENT FAN OCN							
				FUNCTION/SERVICE:	SERVICE WATER PUMP 2C & BOOSTER PUMP 0A PRES SW 2PSL-SW148							
CV	2CH0030	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	CC/103 594	P 1 CRIB	N/A		22E-2-3147	X557
				FUNCTION/SERVICE:	STANDBY INSTR AIR COMPR OCVO29							
DC	2APO06	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-231	22E-2-3203	Q004
				FUNCTION/SERVICE:	125V DC MAIN & RESERVE CONTROL POWER SUPPLY							

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
DC 2AP007		4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E-2-3203	Q005
				FUNCTION/SERVICE:	125V DC MAIN & RESERVE CONTROL POWER SUPPLY							
DC 2AP008		4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E-2-3203	Q006
				FUNCTION/SERVICE:	125V DC MAIN & RESERVE CONTROL POWER SUPPLY							
DC 2AP013		480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/9 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q010
				FUNCTION/SERVICE:	125V DC MAIN & RESERVE CONTROL POWER SUPPLY							
DC 2AP014		480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/7 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q011
				FUNCTION/SERVICE:	125 V DC MAIN & RESERVE CONTROL POWER SUPPLY							
DC 2AP015		480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/6 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q012
				FUNCTION/SERVICE:	125 V DC MAIN & RESERVE CONTROL POWER SUPPLY							
DC 2CB006		MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1 AUX	N/A	E12942 SH.7	22E-0-3090	S032
				FUNCTION/SERVICE:								
DC 2CB007		MCB-C&VC SYS	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.7	22E-0-3090	S033
				FUNCTION/SERVICE:								
DC 2CB008		MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S034
				FUNCTION/SERVICE:								
DC 2CB009		MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S035
				FUNCTION/SERVICE:								
DC 2CB010		MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S036
				FUNCTION/SERVICE:								
DC 2CB011		MCB- CONT ISOL	HARLO CORP.		X-2291	109918	G/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S037
				FUNCTION/SERVICE:								
DC 2CB050		ANNUN INPUT RLY LOGIC CAB	WEST		X-2322	119390	G/14 642	A 1 AUX	N/A	303211 SH.1&2	22E-0-3091	S039
				FUNCTION/SERVICE:	125V DC MAIN AND RESERVE FEED							

COMPONENT/EQUIPMENT ID SHEET												
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DC	2CB037	DC CONT PWR DIST CAB 211	FISH-H		X-2329	119387	H/10 642	A 1 AUX	N/A		22E-0-3091	S094
FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL BUS FEED												
DC	2CB038	DC CONT PWR DIST CAB 212	FISH-H		X-2329	119387	G/10 642	A 1 AUX	N/A		22E-0-3091	S095
FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED												
DC	2CB039	DC CONT PWR DIST CAB 213	FISH-H		X-2329	119387	H/10 642	A 1 AUX	N/A		22E-0-3091	S096
FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED												
DC	2CB040	DC CONT PWR DIST CAB 214	FISH-H		X-2329	119387	K/14 642	A 1 AUX	N/A		22E-0-3091	S097
FUNCTION/SERVICE: 125V DC MAIN AND RESERVE FEED												
DC	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305	123159	H/11 642	A 1 AUX	N/A		22E-0-3091	S102
FUNCTION/SERVICE:												
DC	2CB096	SAFEGUARDS TEST CAB A	WEST		X-2200S	382557	G/11 642	A 1 AUX	N/A		22E-0-3091	S103
FUNCTION/SERVICE:												
DC	2CB097	SAFEGUARDS TEST CAB B	WEST		X-2200S	382557	G/11 642	A 1 AUX	N/A		22E-0-3091	S104
FUNCTION/SERVICE:												
DC	2CB094	ESS LOGIC TRAIN CAB 1	HARLO CORP.		X-2305	123159	G/11 642	A 1 AUX	N/A		22E-0-3091	S110
FUNCTION/SERVICE:												
DC	2CB063	125V DC DIST CENTER 211	GE		X-2326	119389	K/13 642	A 1 AUX	N/A		22E-0-3091	S144
FUNCTION/SERVICE:												
DC	2CB064	125V DC DIST CENTER 212	GE		X-2326	119389	K/11 642	A 1 AUX	N/A		22E-0-3091	S145
FUNCTION/SERVICE:												
DC	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
FUNCTION/SERVICE:												
DC	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A 3 AUX	N/A	E13064-SH01D	22E-2-3203	T008
FUNCTION/SERVICE:												

COMPONENT/EQUIPMENT ID SHEET												
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DC	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1B	22E-2-3203	T009
			FUNCTION/SERVICE:									
DC	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1E	22E-2-3203	T010
			FUNCTION/SERVICE:									
DC	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SHO1C	22E-2-3203	T011
			FUNCTION/SERVICE:									
DC	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A 3 AUX	N/A	E13064-SHO1F	22E-2-3203	T012
			FUNCTION/SERVICE:									
DC	2LP09	DIESEL GEN 2A CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A 5 DG	N/A		22E-2-3202	T065
			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL PANEL FEED									
DC	2LP1	DIESEL GEN 2B CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A 5 DG	N/A		22E-2-3202	T067
			FUNCTION/SERVICE: 125V DC MAIN AND RESERVE CONTROL PANEL FEED									
DC	2LP54	NUCLEAR SAMP SYS ISOL VLV PANEL	FISH-H		X-2329	119387	G/16 592	A 6 AUX	N/A		22E-0-3070	T081
			FUNCTION/SERVICE:									
DC	2DC001	125V BATTERY NUMBER 211	GOULD-NATIONAL	FPS-25	X-2323	120141	L/12 642	A16 AUX	N/A		22E-0-3091	U011
			FUNCTION/SERVICE: SUPPLY FOR 125V DC DISTRIBUTION CENTER 211									
DC	2DC002	125V BATTERY NUMBER 212	GOULD-NATIONAL	FPS-25	X-2323	120141	L/12 642	A16 AUX	N/A		22E-0-3091	U013
			FUNCTION/SERVICE: SUPPLY FOR 125V DC DISTRIBUTION CENTER 212									
DC	2DC003	BATTERY CHARGER 211	POWER CON. PROD.	4270-1	X-2324	113963	K/12 642	A 1 AUX	N/A		22E-0-3091	U015
			FUNCTION/SERVICE: CHARGER FOR BATTERY 211									
DC	2DC004	BATTERY CHARGER 212	POWER CON. PROD.	4270-1	X-2324	113963	K/12 642	A 1 AUX	N/A		22E-0-3091	U017
			FUNCTION/SERVICE: CHARGER FOR BATTERY 212									
DC	2CR11	REACTOR TRIP SWGR.	WEST		X-22005	382557	G/10 642	A 2 DG	N/A		22E-2-3205	U021
			FUNCTION/SERVICE: 125V DC FEED FOR NO. 2 FOR REACTOR TRIP SWITCHGEAR									

COMPONENT/EQUIPMENT ID SHEET

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DG	2DG001	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/8 592'-0''	A 5	DG	N/A		D021	
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR											
DG	2DG002	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/6 592'-0''	A 5	DG	N/A		D021	
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR											
DG	2DG001	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/8 592'-0''	A 5	DG	N/A		D022	
		FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR											
DG	2DG002	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/6 592'-0''	A 5	DG	N/A		D022	
		FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR											
DG	2APO06	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3	AUX	N/A	33-45122-E-231	22E-2-3203	Q004
		FUNCTION/SERVICE: DIESEL GENERATOR O FEED BREAKER											
DG	2APO07	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3	AUX	N/A	33-45122-E-232	22E-2-3203	Q005
		FUNCTION/SERVICE: DIESEL GENERATOR 2A FEED BREAKER											
DG	2APO08	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3	AUX	N/A	33-45122-E-233	22E-2-3203	Q006
		FUNCTION/SERVICE: DIESEL GENERATOR 2B FEED BREAKER											
DG	2APO30	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3	AUX	N/A	75C247958248,48A	22E-2-3203	Q023
		FUNCTION/SERVICE: POWER SUPPLY FOR DG O START AIR COMPR OE,W (ODG006)											
DG	2APO31	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3	AUX	N/A	75C247958 S49,50	22E-2-3203	Q024
		FUNCTION/SERVICE: POWER SUPPLY FOR DG 2A START AIR COMPR 2AE,W & HTR (2DG004)											
DG	2APO33	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3	AUX	N/A	75C247958 SH51-2	22E-2-3203	Q025
		FUNCTION/SERVICE: PWR SUPPLY FOR DG 2B START AIR COMPR'S 2DG005,6											
		FUNCTION/SERVICE: PWR SUPPLY FOR DG 2B OIL PUMP, AND LUBE OIL HTR 2DG005											
DG	2APO46	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7	AUX	N/A	75C247958 SH.44	22E-0-3053	Q028
		FUNCTION/SERVICE: PWR SUPPLY FOR DG O PRELUBE OIL PMP & LUBE OIL HTR (ODG006)											

COMPONENT/EQUIPMENT ID SHEET

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DG	2APO90	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C24795B SH.50	22E-2-3203	Q029
					FUNCTION/SERVICE: PWR SUPPLY FOR DG 2A PRELUBE OIL PUMP 2DG004							
DG	2CB074	RAD MONITOR- ING BOP	NCLR MSR CORP		X-2333	119393	H/17 642	A 1 AUX	N/A	303211	22E-0-3090	S040
					FUNCTION/SERVICE:							
DG	2CB032	ESF SAF ACT LOGIC A	WEST		X-2200S	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S092
					FUNCTION/SERVICE:							
DG	2CB033	ESF SAF ACT LOGIC B	WEST		X-2200S	382557	H/13 642	A 1 AUX	N/A		22E-0-3091	S093
					FUNCTION/SERVICE:							
DG	2CB071	MCB-DIESEL GEN 2A & AUX POWER	WEST		X-2200S	382557	G/20 642	A 1 AUX	N/A		22E-0-3090	S115
					FUNCTION/SERVICE:							
DG	2CB072	MCB-DIESEL GEN 2B & AUX POWER	WEST		X-2200S	382557	G/20 642	A 1 AUX	N/A		22E-0-3090	S116
					FUNCTION/SERVICE:							
DG	2CB070	MCB-DIESEL GEN O & AUX POWER	WEST		X-2200S	382557	G/20 642	A 1 AUX	N/A		22E-0-3090	S135
					FUNCTION/SERVICE:							
DG	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
					FUNCTION/SERVICE:							
DG	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01B	22E-2-3203	T009
					FUNCTION/SERVICE:							
DG	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SH01C	22E-2-3203	T011
					FUNCTION/SERVICE:							
DG	2LP09	DIESEL GEN 2A CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A 5 DG	N/A		22E-2-3202	T065
					FUNCTION/SERVICE:							
DG	2LP10	DIESEL GEN 2A DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/7 592	A 5 DG	N/A	G5-262-728-S01	22E-2-3202	T066
					FUNCTION/SERVICE: CONT & INDIC FOR DG SYS AIR COMPR'S & HTR							

COMPONENT/EQUIPMENT ID SHEET

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DG	2LP11	DIESEL GEN 2B CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592		A 5 DG	N/A	22E-2-3202	T067
			FUNCTION/SERVICE:									
DG	2LP12	DIESEL GEN 2B DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/7 592		A 5 DG	N/A	G5-262-728-S01	22E-2-3202 T068
			FUNCTION/SERVICE: CONT & INDIC FOR DG SYS AIR COMPR'S , HEATERS AND PUMPS									
DG	2LP55	DIESEL GEN 2A NEUT GRDG CAB	COOPER BESSEMER		X-2246	105573	G/7 592		A 5 DG	N/A	22E-2-3202	T082
			FUNCTION/SERVICE:									
DG	2LP56	DIESEL GEN 2B NEUT GRDG CAB	COOPER BESSEMER		X-2246	105573	G/7 592		A 5 DG	N/A	22E-2-3202	T083
			FUNCTION/SERVICE:									
DG	2AB0235	JUNCTION BOX	BY MAN ENGINE				H/6 592		A 5 DG	N/A	22E-2-3202	X527
			FUNCTION/SERVICE: DIESEL GENERATOR 2B SPEED & VOLTAGE CONTROL									
DG	2AB0237	JUNCTION BOX	BY MAN ENGINE				H/8 592		A 5 DG	N/A	22E-2-3202	X528
			FUNCTION/SERVICE: DIESEL GENERATOR 2A SPEED & VOLTAGE CONTROL									
DG	2AB0281	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/8 592		A 5 DG	N/A	22E-2-3202	X533
			FUNCTION/SERVICE: DIESEL GENERATOR 2A CONTROL									
DG	2AB0389	SPLICE BOX	FISH-H EM-47150		X-2329	119387	H/31 592		A 5 DG	N/A	22E-1-3202	X539
			FUNCTION/SERVICE: DIESEL GENERATOR O CONTROL									
DG	2AB0390	SPLICE BOX	FISH-H EM-47150		X-2329	119387	H/31 592		A 5 DG	N/A	22E-1-3202	X540
			FUNCTION/SERVICE: DIESEL GENERATOR O CONTROL									
DG	2AB0391	JUNCTION BOX	GRAN CAL JB CA6				J/30 592		A 5 DG	N/A	22E-1-3202	X541
			FUNCTION/SERVICE: DIESEL GENERATOR O LUBE OIL HTR									
DG	2AB0392	JUNCTION BOX	GRAN CAL JBCA6				J/30 592		A 5 DG	N/A	22E-1-3202	X542
			FUNCTION/SERVICE: DIESEL GENERATOR O PRELUBE OIL HTR									
DG	2AB0393	JUNCTION BOX	FISH-H		X-2329	119387	H/32 592		A 5 DG	N/A	22E-1-3202	X543
			FUNCTION/SERVICE: DIESEL GENERATOR O PRELUBE OIL HTR & LUBE OIL HTR									

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DG	2AB0466	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/7 592	A 5	DG	N/A	22E-2-3202	X551
					FUNCTION/SERVICE:							
DG	2AB0286	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/6 592	A 5	DG	N/A	22E-2-3202	X553
					FUNCTION/SERVICE:							
DO	2D0003	PUMP MOTOR UNIT 2AE	WEST	TBFC	X-2335	124315	H/7 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
					FUNCTION/SERVICE:							
DO	2D0004	PUMP MOTOR UNIT 2AW	WEST	TBFC	X-2335	124315	H/7 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
					FUNCTION/SERVICE:							
DO	2D0005	PUMP MOTOR UNIT 2BE	WEST	TBFC	X-2335	124315	H/6 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
					FUNCTION/SERVICE:							
DO	2D0006	PUMP MOTOR UNIT 2BW	WEST	TBFC	X-2335	124315	H/6 568'-0''	A 5	DG	N/A	143T-E	M-38 DO11
					FUNCTION/SERVICE:							
DO	2LSL-0008B	LEVEL SWITCH	MERCOD	7.5K	X-2246			A 5	DG	N/A		M-38 M701
							592'-0''					
					FUNCTION/SERVICE:							
DO	2LSL-0009B	LEVEL SWITCH	MERCOD	7.5K	X-2246			A 5	DG	N/A		M-38 M701
							592'-0''					
					FUNCTION/SERVICE:							
DO	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3	AUX	N/A	75C247958 SH.48A	22E-2-3203 Q023
					FUNCTION/SERVICE:							
DO	2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3	AUX	N/A	75C247958S49.50	22E-2-3203 Q024
					FUNCTION/SERVICE:							
DO	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3	AUX	N/A	75C247958 SH51-2	22E-2-3203 Q025
					FUNCTION/SERVICE:							
DO	2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7	AUX	N/A	75C247958 SH.44	22E-0-3053 Q028
					FUNCTION/SERVICE:							

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*	DO 2CB074	NS55 ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14 642	A 1 AUX	N/A	303211	22E-0-3091	S040
			FUNCTION/SERVICE:									
*	DO 2LP10	DIESEL GEN 2A DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/7 592	A 5 DG	N/A	G5-262-728-S01	22E-2-3202	T066
			FUNCTION/SERVICE: CONT & INDIC FOR DG 2A OIL TRNSFR PUMPS									
*	DO 2LP12	DIESEL GEN 2B DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/7 592	A 5 DG	N/A	G5-262-728-S01	22E-2-3202	T068
			FUNCTION/SERVICE: CONT & INDIC FOR DG 2B OIL TRNSFR PUMPS									
*	FW 2FW001	PUMP MOTOR UNIT	WEST	CS-F S/N: 1S-77	X-2205		E/18 617'-0''	T 1 TURB	N/A		M-502	B753
			FUNCTION/SERVICE: ACTUATES PUMP/MAIN FW PUMP 2A									
*	FW 2FW002	OIL PUMP MOTOR UNIT	WEST	ABFC	X-2205		F/17 617'-0''	T 1 TURB	N/A		M-502	B754
			FUNCTION/SERVICE: LUBRICATES PUMP/MAIN FW PUMP 2B OIL UNIT									
*	FW 2FW003	OIL PUMP MOTOR UNIT	WEST	ABFC	X-2205		E/17 617'-0''	T 1 TURB	N/A		M-502	B754
			FUNCTION/SERVICE: LUBRICATES PUMP/MAIN FW PUMP 2C OIL UNIT									
*	FW 2FT-FW02	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A11 AUX	N/A		M-502, M-296	M206
			FUNCTION/SERVICE: AUX FW TO SG A FLOW INDICATION & ALARM/AUX FW TO SG A									
*	FW 2FT-FW04	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13 AUX	N/A		M-502, M-296	M206
			FUNCTION/SERVICE: AUX FW TO SG C FLOW INDICATION & ALARM/AUX FW TO SG C									
*	FW 2FT-FW25	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13 AUX	N/A		M-502, M-296	M206
			FUNCTION/SERVICE: AUX FW TO SG D FLOW INDICATION & ALARM/AUX FW TO SG D									
*	FW 2FI-FW02	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A 1 AUX	N/A			M209
			FUNCTION/SERVICE: AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A									
*	FW 2FI-FW03	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A 1 AUX	N/A			M209
			FUNCTION/SERVICE: AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B									
*	FW 2FI-FW04	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A 1 AUX	N/A			M209
			FUNCTION/SERVICE: AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C									

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. D. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	FW 2FI-FW25	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A	1	AUX	N/A		M209
	FW 2FI-0510A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-502	M209
	FW 2FI-0511	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-502	M209
	FW 2FI-0512	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-500	M209
	FW 2FI-0513	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-500	M209
	FW 2FI-0520A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-502	M209
	FW 2FI-0521	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-502	M209
	FW 2FI-0522	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-500	M209
	FW 2FI-0523	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-500	M209
	FW 2FI-0530A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-502	M209
	FW 2FI-0531	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-502	M209
	FW 2FI-0532	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A	1	AUX	N/A	M-500	M209

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 2FI-0533	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG LOOP D STEAM FLOW INDICATION/SG LOOP D STEAM											
FW 2FI-0540A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG B FW FLOW INDICATION/SG B FEEDWATER											
FW 2FI-0541	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG B FW FLOW INDICATION/SG B FEEDWATER											
FW 2FI-0542	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG LOOP B STEAM FLOW INDICATION/SG LOOP B STEAM											
FW 2FI-0543	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG LOOP B STEAM FLOW INDICATION/SG LOOP B STEAM											
FW 2LI-0517	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL											
FW 2LI-0518	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL											
FW 2LI-0519	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL											
FW 2LI-0527	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL											
FW 2LI-0528	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL											
FW 2LI-0529	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL											
FW 2LI-0537	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL											

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCUF SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 2LI-0538	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL											
FW 2LI-0539	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL											
FW 2LI-0547	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL											
FW 2LI-0548	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL											
FW 2LI-0549	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL											
FW 2PI-FW18	PRESSURE INDICATOR	WEST	VX-252	X-2291		G/18 642'-0''	A 1 AUX	N/A		M-502	M209
FUNCTION/SERVICE: FW PUMP DISCH. PRESSURE INDICATION/FW PUMP DISCH. PRESSURE											
FW 2PI-0514A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM											
FW 2PI-0514A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM											
FW 2PI-0515	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM											
FW 2PI-0516A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM											
FW 2PI-0524A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM											
FW 2PI-0525	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM											

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 2PI-0526A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM								
*	FW 2PI-0534A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM								
*	FW 2PI-0535	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM								
*	FW 2PI-0536A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM								
*	FW 2PI-0544A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM								
*	FW 2PI-0545	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM								
*	FW 2PI-0546A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-500	M209
				FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM								
*	FW 2PT-FW1B	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2311		A/20 617'-0''	T 1 TURB	N/A			M211
				FUNCTION/SERVICE: FW PUMP DISCHARGE PRESSURE INDICATION/FW PUMP DISCHARGE PRESSURE								
*	FW 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E 2-3203	Q005
				FUNCTION/SERVICE:								
*	FW 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E 2-3203	Q006
				FUNCTION/SERVICE:								
*	FW 2AP035	480V AUX BLDG ES MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 SH1.42	22E-0-3058	Q026
				FUNCTION/SERVICE:								
*	FW 2AP036	480V AUX BLDG ES MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	Q027
				FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/RDW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	2APO46	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 SH2.44	22E-0-3053	Q028
FUNCTION/SERVICE:												
FW	2APO90	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-0-3053	Q029
FUNCTION/SERVICE:												
FW	2APO92	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
FUNCTION/SERVICE:												
FW	2APO93	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	Q032
FUNCTION/SERVICE:												
FW	2APO55	MOV HTRS- DIST. PNL-DIV 29	FISH-H	B/M-C-458	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q038
FUNCTION/SERVICE:												
FW	2APO01	4160V SMGR BUS 241	ITE	TYPE 5 HK-350	X-2240	103443	H/9 642	A 2 AUX	N/A	33-45122-E226	22E-2-3205	Q048
FUNCTION/SERVICE:												
FW	2CB035	N555 AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	S012
FUNCTION/SERVICE:												
FW	2CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	S013
FUNCTION/SERVICE:												
FW	2CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-0-3091	S014
FUNCTION/SERVICE:												
FW	2CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S015
FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS RCP 2A												
FW	2CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S016
FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS RCP 2C												
FW	2CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S017
FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS RCP 2D												

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	2CB080	PROC I&C RACK CONT GR 4	WEST		X-2200S	382557	H/12 642	A 1	AUX	N/A		22E-O-3091	S018
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS RCP 2B											
FW	2CB087	INSTR DIST BUS 211	FISH-H		X-2329	119387	K/13 642	A 1	AUX	N/A		22E-O-3091	S019
		FUNCTION/SERVICE:											
FW	2CB089	INSTR DIST BUS 212	FISH-H		X-2329	119387	K/13 642	A 1	AUX	N/A		22E-O-3091	S020
		FUNCTION/SERVICE:											
FW	2CB008	MCB-ESF DIV 27	WEST		X-2200S	382557	H/17 642	A 1	AUX	N/A	E12942 SH. 8	22E-O-3090	S034
		FUNCTION/SERVICE:											
FW	2CB009	MCB-ESF DIV 28	WEST		X-2200S	382557	H/17 642	A 1	AUX	N/A	E12942 SH. 8	22E-O-3090	S035
		FUNCTION/SERVICE:											
FW	2CB010	MCB-ESF DIV 29	WEST		X-2200S	382557	H/17 642	A 1	AUX	N/A	E12942 SH. 8	22E-O-3090	S036
		FUNCTION/SERVICE:											
FW	2CB011	MCB- CONT ISOL	HARLO CORP.		X-2291	109918	G/17 642	A 1	AUX	N/A	E12942 SH. 8	22E-O-3090	S037
		FUNCTION/SERVICE:											
FW	2CB012	MCE-BUP PORTION OF ESF	WEST		X-2200S	382557	H/17 642	A 1	AUX	N/A	E12942 SH. 8	22E-O-3090	S038
		FUNCTION/SERVICE:											
FW	2CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/14 642	A 1	AUX	N/A	303211 SH. 1&2	22E-O-3091	S039
		FUNCTION/SERVICE:											
FW	2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/14	A 1	AUX	N/A	303211	22E-O-3091	S040
		FUNCTION/SERVICE:											
FW	2CB015	MCB AUTO CONTROL CAB.	WEST		X-2316	113429	G/17 642	A 1	AUX	N/A		22E-O-3090	S082
		FUNCTION/SERVICE:											
FW	2CB026	PROC. I&C RACK PROT. SET 1	WEST		X-2200S	382557	G/12 642	A 1	AUX	N/A		22E-O-3091	S086
		FUNCTION/SERVICE:											

COMPONENT/EQUIPMENT ID SHEET														
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FW	2CB027	PROC. I&C RACK PROT. SET 2	WEST		X-22005	382557	G/13 642	A	1	AUX	N/A	22E-0-3091	S087	
					FUNCTION/SERVICE:									
FW	2CB028	PROC. I&C RACK PROT. SET 3	WEST		X-22005	382557	H/12 642	A	1	AUX	N/A	22E-0-3091	S088	
					FUNCTION/SERVICE:									
FW	2CB029	PROC. I&C RACK PROT. SET 4	WEST		X-22005	382557	K/13 642	A	1	AUX	N/A	22E-0-3091	S089	
					FUNCTION/SERVICE:									
FW	2CB030	RX PROT LOGIC A	WEST		X-22005	382557	H/12 642	A	1	AUX	N/A	22E-0-3091	S090	
					FUNCTION/SERVICE:									
FW	2CB031	REACTOR PROT. LOGIC B	WEST		X-22005	328557	H/13 642	A	1	AUX	N/A	22E-0-3091	S091	
					FUNCTION/SERVICE:									
FW	2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642	A	1	AUX	N/A	22E-0-3091	S092	
					FUNCTION/SERVICE:									
FW	2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A	1	AUX	N/A	22E-0-3091	S093	
					FUNCTION/SERVICE:									
FW	2CB095	ESS LOGIC 1ST TRAIN CAB 2	HARLO CORP.		X-2305		H/11 642	A	1	AUX	N/A	22E-0-3091	S102	
					FUNCTION/SERVICE:									
FW	2CB096	SAFEGUARDS TEST CAB A	WEST		X-22005	382557	G/11 642	A	1	AUX	N/A	22E-0-3091	S103	
					FUNCTION/SERVICE:									
FW	2CB097	SAFEGUARDS TEST CAB B	WEST		X-22005	382557	G/11 642	A	1	AUX	N/A	22E-0-3091	S104	
					FUNCTION/SERVICE:									
FW	2CB094	ESS LOGIC TRAIN 1 CAB.	HARLO CORP.		X-2305	123159	G/11 642	A	1	AUX	N/A	22E-0-3091	S110	
					FUNCTION/SERVICE:									
FW	2CB005	MCB FEEDWTR	HARLO CORP.		X-2291	109918	G/18 642	A	1	AUX	N/A	22E-0-3090	S121	
					FUNCTION/SERVICE:									

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CEGO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 2CB065	TURB GEN STM GEN FW PMP 2B CONSOLE LOCAL	WEST		X-2200T	382557	D/17 617	T 1 TURB	N/A		22E-2-3122	S122
*		FUNCTION/SERVICE:										
*	FW 2CB066	TURB GEN STM GEN FW PMP 2C CONSOLE LOCAL	WEST		X-2200T	382557	F/17 617	T 1 TURB	N/A		22E-2-3121	S123
*		FUNCTION/SERVICE:										
*	FW 2CB103	PROCESS I&C RACKS PROT SET I-A & III-A					K/12 642	A 1 AUX	N/A		22E-0-3091	S124
*		FUNCTION/SERVICE:										
*	FW 2CB104	PROCESS I&C PACKS PROT SET II-A & IV-A					H/14 642	A 1 AUX	N/A		22E-0-3091	S125
*		FUNCTION/SERVICE:										
*	FW 2CB105	PROCESS I&C RACKS CONT GRP 1A					K/11 642	A 1 AUX	N/A		22E-0-3091	S126
*		FUNCTION/SERVICE:										
*	FW 2CB111	EMER INSTR ISOL TEST SW CAB DIV 20&4					G/14 642	A 1 AUX	N/A		22E-0-3091	S127
*		FUNCTION/SERVICE:										
*	FW 2LP24	ESS AUX RLY CAB 7-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
*		FUNCTION/SERVICE:										
*	FW 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01B	22E-2-3203	T009
*		FUNCTION/SERVICE:										
*	FW 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SH01C	22E-2-3203	T011
*		FUNCTION/SERVICE:										
*	FW 2CM008	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U001
*		FUNCTION/SERVICE:										
*	FW 2CM009	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U004
*		FUNCTION/SERVICE:										
*	FW 2CM004	COMPUTER CAB (I/O TERM)	WEST		X-2200S	382557	K/16 642	A 6 AUX	N/A		22E-0-3091	U005
*		FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PR/CURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 2CM004	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/16 642		A 6	AUX	N/A	22E-0-3091	U005
*													
*	FW 2RMC1	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	E/17 617		T 1	TURB	N/A	22E-2-3122	W002
*													
*	FW 2K-2026	J. B. ON INST RACK NO. 2RMO4	WF JHN BARNES		X-2313	123157	E/17 617		T 1	TURB	N/A	22E-2-3122	W002
*													
*	FW 2TB0074	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	F/17 617		T 1	TURB	N/A	22E-2-3111	X393
*													
*	FW 2K-2067	JUNCTION BOX		EB-214E			M/17 560		A 7	AUX	N/A	22E-2-3408	X567
*													
*	FW 2TB0082	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/11 617		T 1	TURB	N/A	22E-2-3124	X571
*													
*	FW 2TB0083	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/13 617		T 1	TURB	N/A	22E-2-3124	X572
*													
*	FW 2TB0084	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/13 617		T 1	TURB	N/A	22E-2-3124	X573
*													
*	FW 2 0184	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	F/11 592		T 1	TURB	N/A	22E-2-3114	X574
*													
*	IP 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617		A 3	AUX	N/A 75C247958 SH.48A	22E-2-3203	Q023
*													
*	IP 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617		A 3	AUX	N/A 75C247958 SH50-1	22E-2-3203	Q025
*													
*	IP 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617		A 3	AUX	N/A 75C247958 SH.50	22E-2-3203	Q029
*													



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP	2APO19	480V AUX BLDG MCC 2331A	GE	7700 LINE	X-2260	103869	K/16 617	A 6 AUX	N/A	75C247958 SH.56	22E-O-3077	Q053
					FUNCTION/SERVICE: POWER SUPPLY FOR INST DIST BUS 214; TRANSFORMER; INVERTER							
IP	2CB035	NSSS AUX RLY RACK	WEST		X-2200S	382557	K/12 642	A 1 AUX	N/A		22E-O-3091	S012
					FUNCTION/SERVICE: FEED, AUX. RELAY RACK A (MISC.)							
IP	2CB077	PROC I&C RACK CONT GR 1	WEST		X-2200S	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S015
					FUNCTION/SERVICE: FEED, PROCESS I & C RACK CONTROL GROUP 1							
IP	2CB078	PROC I&C RACK CONT GR 2	WEST		X-2200S	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S016
					FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, CONTROL GROUP 2							
IP	2CB079	PROC I&C RACK CONT GR 3	WEST		X-2200S	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S017
					FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, CONTROL GROUP 3							
IP	2CB080	PROC I&C RACK CONT GR 4	WEST		X-2200S	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S018
					FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, CONTROL GROUP 4							
IP	2CB087	INSTR DIST BUS 211	FISH-H		X-2329	119387	K/13 642	A 1 AUX	N/A		22E-O-3091	S019
					FUNCTION/SERVICE: CONTROL: NSSS INSTRUMENT DISTRIBUTION BUS 211							
IP	2CB089	INSTR DIST BUS 212	FISH-H		X-2329	119387	K/13 642	A 1 AUX	N/A		22E-O-3091	S020
					FUNCTION/SERVICE: CONTROL: NSSS INSTRUMENT DISTRIBUTION BUS 212 POWER AND DISTRIBUTION							
IP	2CB091	INSTR DIST BUS 213	FISH-H		X-2329	119387	K/11 642	A 1 AUX	N/A		22E-O-3091	S021
					FUNCTION/SERVICE: CONTROL: NSSS INSTRUMENT DISTRIBUTION BUS 213							
IP	2CB093	INSTR DIST BUS 214	FISH-H		X-2329	119387	K/11 642	A 1 AUX	N/A		22E-O-3091	S022
					FUNCTION/SERVICE: CONTROL: NSSS INSTRUMENT DISTRIBUTION BUS 214 POWER AND DISTRIBUTION							
IP	2CB006	MCB-REACTOR CONTROL	WEST		X-2200S	382557	G/18 642	A 1 AUX	N/A	E12942 SH.7	22E-O-3090	S032
					FUNCTION/SERVICE: FEED, MAIN CONTROL BOARD, REACTOR CONTROL							
IP	2CB007	MCB-C&VC SYS	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.7	22E-O-3090	S033
					FUNCTION/SERVICE: FEED, MAIN CONTROL BOARD, REACTOR CONTROL							

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	CDL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642		A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S034
FUNCTION/SERVICE: CONTROL, MAIN CONTROL BOARD ENG. SAFEGUARD DIV. 27													
IP	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642		A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S035
FUNCTION/SERVICE: FEED, MAIN CONTROL BOARD ENG. SAFEGUARD DIV. 28													
IP	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642		A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S036
FUNCTION/SERVICE: FEED, MAIN CONTROL BOARD ENG. SAFEGUARD DIV. 29													
IP	2CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	H/17 642		A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S038
FUNCTION/SERVICE: FEED, MAIN CONTROL BOARD, BOP PORTION OF ESS													
IP	2CB015	MCB-AUTO CONTROL CAB	WEST		X-2316	113429	G/17 642		A 1 AUX	N/A		22E-0-3090	S082
FUNCTION/SERVICE: CONTROL, AUTO CONTROL SYSTEM													
IP	2CB026	PROC I&C RACK PROT SET 1	WEST		X-22005	382557	G/12 642		A 1 AUX	N/A		22E-0-3091	S086
FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, PROTECTION SET 1													
IP	2CB027	PROC I&C RACK PROT SET 2	WEST		X-22005	382557	G/13 642		A 1 AUX	N/A		22E-0-3091	S087
FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, PROTECTION SET 2													
IP	2CB028	PROC I&C RACK PROT SET 3	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A		22E-0-3091	S088
FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, PROTECTION SET 3													
IP	2CB029	PROC I&C RACK PROT SET 4	WEST		X-22005	382557	K/13 642		A 1 AUX	N/A		22E-0-3091	S089
FUNCTION/SERVICE: FEED, PROCESS I & C RACKS, PROTECTION SET 4													
IP	2CB030	REACTOR PROT LOGIC A	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A		22E-0-3091	S090
FUNCTION/SERVICE: FEED, REACTOR PROTECTION LOGIC A													
IP	2CB031	REACTOR PROT LOGIC B	WEST		X-22005	382557	H/13 642		A 1 AUX	N/A		22E-0-3091	S091
FUNCTION/SERVICE: FEED, REACTOR PROTECTION LOGIC B													
IP	2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A		22E-0-3091	S092
FUNCTION/SERVICE: FEED, ENG. SAFEGUARD ACTUATION PANEL A													

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP 2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A 1 AUX	N/A		22E-O-3091	S093
FUNCTION/SERVICE: FEED, ENG. SAFEGUARD ACTUATION PANEL B											
IP 2CB005	MCC FEEDWATER	HARLO CORP.		X-2291	109918	G/18 642	A 1 AUX	N/A		22E-O-3090	S121
FUNCTION/SERVICE: CONTROL- FLOW CONTROL VALVE 2FHC-510C FOR 2LCV-510C, STEAM GENERATOR 2A FW FLOW											
CONTROL- FLOW CONTROL VALVE 2FHC-520C FOR 2LCV-520C, STEAM GENERATOR 2C FW FLOW											
CONTROL- FLOW CONTROL VALVE 2FHC-530C FOR 2LCV-530C, STEAM GENERATOR 2D FW FLOW											
CONTROL- FLOW CONTROL VALVE 2FHC-540C FOR 2LCV-540C, STEAM GENERATOR 2B FW FLOW											
IP 2CB103	PROCESS I&C RACKS PROT SET I-A & III-A					K/12 642	A 1 AUX	N/A		22E-O-3091	S124
FUNCTION/SERVICE: FEED, 120V AC TO PROCESS I & C RACK PROTECTION SET 1A AND 3A											
IP 2CB104	PROCESS I&C RACKS PROT SET II-A & IV-A					H/14 642	A 1 AUX	N/A		22E-O-3091	S125
FUNCTION/SERVICE: FEED, 120V AC TO PROCESS I & C RACK PROTECTION SET 2A AND 4A											
IP 2CB105	PROCESS I&C RACKS CONT GRP 1A					K/11 642	A 1 AUX	N/A		22E-O-3091	S126
FUNCTION/SERVICE: FEED, 120V AC TO PROCESS I & C RACK, CONTROL 1A											
IP 2CB014	MCB-AREA RAD MONITOR CAB	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A		22E-O-3090	S131
FUNCTION/SERVICE: FEED, MAIN CONTROL BOARD AREA RADATION MONITOR CABINET											
IP 2CB063	125V DC DIST CENTER 211	GE		X-2326	119389	K/13 642	A 1 AUX	N/A		22E-O-3091	S144
FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 212											
IP 2CB064	125V DC DIST CENTER 212	GE		X-2326	119389	K/11 642	A 1 AUX	N/A		22E-O-3091	S145
FUNCTION/SERVICE: FEED- 7.5KVA NSSS INSTRUMENT INVERTER 213											
IP 2CB086	7.5 KVA INVERTER 211	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-O-3091	S150
FUNCTION/SERVICE: FEED, 7.5KVA NSSS INSTRUMENT INVERTER POWER AND DISTRIBUTION											
IP 2CB088	7.5 KVA INVERTER 212	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-O-3091	S152
FUNCTION/SERVICE: FEED, 7.5KVA NSSS INSTRUMENT INVERTER NO. 212											
IP 2CB090	7.5 KVA INVERTER 213	WEST		X-22005	382557	K/11 642	A 1 AUX	N/A		22E-O-3091	S154
FUNCTION/SERVICE: FEED, 7.5KVA NSSS INSTRUMENT INVERTER NO. 213											

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMP NT/ EQUI MLNT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IP	2CB092	7.5 KVA INVERTER 214	WEST		X-22005	382557	K/11 642	A 1 AUX	N/A		22E-0-3091	S155
FUNCTION/SERVICE: FEED, 7.5KVA NSSS INSTRUMENT INVERTER NO. 214												
IW	2PSL-IW05	PRESSURE SWITCH	UNITED ELECT.	J302-358	X-2242		L/17 560'-0"	A 7 AUX	N/A		M-512,M297	N501
FUNCTION/SERVICE: ISVW TK PRESSURE ALARM/IVSW TK NITROGEN PRESSURIZATION												
IW	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S034
FUNCTION/SERVICE: CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES												
IW	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S035
FUNCTION/SERVICE:												
IW	2CB011	MCB- CONT ISOL	HARLO CORP.		X-2291	109918	G/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S037
FUNCTION/SERVICE:												
IW	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A 3 AUX	N/A	E13064-SHO1D	22E-2-3203	T008
FUNCTION/SERVICE:												
IW	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1B	22E-2-3203	T009
FUNCTION/SERVICE:												
IW	2AB0014	PULL BOX					N/19 542	A 7 AUX	N/A		22E-0-3054	X501
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW08												
MS	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958S48,48A	22E-2-3203	Q023
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM VALVES 2MOV-MS0004,2MOV-MS0005,2MOV-MS0017												
MS	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 SH51-2	22E-2-3203	Q025
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM VALVES 2MOV-MS0002,2MOV-MS0003,2MOV-MS0011,2MOV-MS0019 2MOV-MS0020												
MS	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 SH1,42	22E-0-3058	Q026
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM VALVES 2MOV-MS0170,2MOV-MS0018												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS 2AP036		480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	Q027
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM VALVES 2MOV-MSO171, 2MOV-MSO172												
MS 2AP046		480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 SH2.44	22E-0-3053	Q028
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYSTEM VALVE 2MOV-MSO173												
MS 2AP090		480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYS VLV 2MOV-MSO01												
MS 2AP055		MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458 29	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q038
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYS MOV HTRS												
MS 2CB035		NSSS AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	S012
FUNCTION/SERVICE:												
MS 2CB075		PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	S013
FUNCTION/SERVICE:												
MS 2CB076		PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-0-3091	S014
FUNCTION/SERVICE:												
MS 2CB077		PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S015
FUNCTION/SERVICE:												
MS 2CB078		PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S016
FUNCTION/SERVICE:												
MS 2CB079		PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S017
FUNCTION/SERVICE:												
MS 2CB080		PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S018
FUNCTION/SERVICE:												
MS 2CB091		INSTR DIST BUS 213	FISH-H		X-2329	119387	K/11 642	A 1 AUX	N/A		22E-0-3091	S021
FUNCTION/SERVICE:												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	2CB003	INSTR DIST BUS 214	FISH-H		X-2329	119387	K/11 642	A 1	AUX	N/A		22E-O-3091	S022
			FUNCTION/SERVICE:										
MS	2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1	AUX	N/A	E12942 SH.7	22E-O-3090	S032
			FUNCTION/SERVICE:										
MS	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E12942 SH.8	22E-O-3090	S034
			FUNCTION/SERVICE: CONT & INDIC FOR MS SYS VLVS										
MS	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E12942 SH.8	22E-O-3090	S035
			FUNCTION/SERVICE: CONT & INDIC FOR MS SYS VLVS										
MS	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E12942 SH.8	22E-O-3090	S036
			FUNCTION/SERVICE: CONT & INDIC FOR MS SYS VLVS										
MS	2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14	A 1	AUX	N/A	303211	22E-O-3091	S040
			FUNCTION/SERVICE:										
MS	2CB026	PROC I&C RACK PROT SET 1	WEST		X-22005	382557	G/12 642	A 1	AUX	N/A		22E-O-3091	S086
			FUNCTION/SERVICE:										
MS	2CB027	PROC I&C RACK PROT SET 2	WEST		X-22005	382557	G/13 642	A 1	AUX	N/A		22E-O-3091	S087
			FUNCTION/SERVICE:										
MS	2CB028	PROC I&C RACK PROT SET 3	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-O-3091	S088
			FUNCTION/SERVICE:										
MS	2CB029	PROC I&C RACK PROT SET 4	WEST		X-22005	382557	K/13 642	A 1	AUX	N/A		22E-O-3091	S089
			FUNCTION/SERVICE:										
MS	2CB030	REACTOR PRDT LOGIC A	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-O-3091	S090
			FUNCTION/SERVICE:										
MS	2CB031	REACTOR PRDT LOGIC B	WEST		X-22005	382557	H/13 642	A 1	AUX	N/A		22E-O-3091	S091
			FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S092
			FUNCTION/SERVICE:									
MS	2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A 1 AUX	N/A		22E-0-3091	S093
			FUNCTION/SERVICE:									
MS	2CB037	DC CONT PWR DIST CAB 211	FISH-H		X-2329	119387	H/10 642	A 1 AUX	N/A		22E-0-3091	S094
			FUNCTION/SERVICE:									
MS	2CB038	DC CONT PWR DIST CAB 212	FISH-H		X-2329	119387	G/10 642	A 1 AUX	N/A		22E-0-3091	S095
			FUNCTION/SERVICE:									
MS	2CB039	DC CONT PWR DIST CAB 213	FISH-H		X-2329	119387	H/10 642	A 1 AUX	N/A		22E-0-3091	S096
			FUNCTION/SERVICE:									
MS	2CB067	CONTMT PRESS TRAIN 1 TST & LOGIC CAB	HARLO CORP.		X-2305	123159	G/11 642	A 1 AUX	N/A		22E-0-3091	S100
			FUNCTION/SERVICE:									
MS	2CB068	CONTMT PRESS TRAIN 2 TST & LOGIC CAB	HARLO CORP.		X-2305	123159	H/11 642	A 1 AUX	N/A		22E-0-3091	S101
			FUNCTION/SERVICE:									
MS	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305	123159	H/11 642	A 1 AUX	N/A		22E-0-3091	S102
			FUNCTION/SERVICE:									
MS	2CB096	SAFEGUARDS TEST CAB A	WEST		X-22005	382557	G/11 642	A 1 AUX	N/A		22E-0-3091	S103
			FUNCTION/SERVICE:									
MS	2CB097	SAFEGUARDS TEST CAB B	WEST		X-22005	382557	G/11 642	A 1 AUX	N/A		22E-0-3091	S104
			FUNCTION/SERVICE:									
MS	2CB094	ESS LOGIC TRAIN CAB 1	HARLO CORP.		X-2305	123159	G/11 642	A 1 AUX	N/A		22E-0-3091	S110
			FUNCTION/SERVICE:									
MS	2CB003	MCB-TURBINE	HARLO CORP.		X-2291	109918	G/19 642	A 1 AUX	N/A		22E-0-3090	S114
			FUNCTION/SERVICE:									

COMPONENT/EQUIPMENT ID SHEET														
* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	2CB005	MCB-FEEDWATER	HARLO CORP.		X-2291	109918	G/18 642	A	1	AUX	N/A		22E-0-3090	S121
			FUNCTION/SERVICE: CONT & INDIC FOR MS SYS VLVS											
MS	2CB103	P-7C I&C RACK P-7T SET					K/12 642	A	1	AUX	N/A		22E-0-3091	S124
			FUNCTION/SERVICE: I-A & III-A											
MS	2CB104	PROC I&C RACK PROT SET					H/14 642	A	1	AUX	N/A		22E-0-3091	S125
			FUNCTION/SERVICE: II-A & IV-A											
MS	2CB109	TEMPER INSTR LOCAL TST SW CAB DIV 27					G/14 642	A	1	AUX	N/A		22E-0-3091	S130
			FUNCTION/SERVICE:											
MS	2K-2039	JUNCTION BOX		EB-214E			F/8 609	T	1	TURB	N/A		22E-2-3401	X376
			FUNCTION/SERVICE: SIGNAL DUMP CONTROL											
MS	2TB0091	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	F/10 617	T	1	TURB	N/A		22E-2-3124	X397
			FUNCTION/SERVICE: STEAM DUMP CONTROL VLVS 2PCV-MS21A A-H,J-M											
MS	2TB0092	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	F/10 617	T	1	TURB	N/A		22E-2-3124	X398
			FUNCTION/SERVICE: STEAM DUMP CONTROL VLVS 2PCV-MS21A A-H,J-M											
MS	2AB0452	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 630	A	4	AUX	N/A		22E-0-3084	X546
			FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVES, LOOPS A,B,C & D											
MS	2AB0453	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 630	A	4	AUX	N/A		22E-0-3084	X547
			FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVES, LOOP A											
MS	2AB0461	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 630	A	4	AUX	N/A		22E-0-3084	X548
			FUNCTION/SERVICE: MAIN STEAM LINE ISOLATION VALVES, LOOPS A,B,C & D											
OV	2AP015	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/6 617	A	3	AUX	N/A	591F616,591F671	22E-2-3203	0012
			FUNCTION/SERVICE: POWER SUPPLY FOR COMPUTER & MISC. ROOMS HVAC REFRIGERATION UNIT OB											
OV	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A	3	AUX	N/A	75C247958 S50-1	22E-2-3202	0025
			FUNCTION/SERVICE: POWER SUPPLY FOR COMPUTER & MISC. ROOMS HVAC SYSTEM AIR HANDLING UNIT OB, HEATER 00V002, RETURN FANS 00V004 & 00V008											

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MODEL MFR	NUMBER	PROCU SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
OV 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19	A 7 AUX	N/A	75C247958 SH.40	22E-O-3059	Q032
FUNCTION/SERVICE: POWER SUPPLY FOR HOT LAB HOOD EXHAUST FAN 00V051, HOT & COLD LAB SUPPLY FAN 00V049											
OV 2CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP		X-2322	119390	G/14 642	A 1 AUX	N/A	303211 SH.182	22E-O-3091	S039
FUNCTION/SERVICE: ANNUNCIATION, ALARMS 776,781 & 797, COMPUTER ROOM AND MISC. ROOMS HVAC SYSTEM REFERENCE UNIT OB, DIESEL GENERATOR 2B, ROOM VENT FAN TRIP AND TEMP. HIGH											
OV 2CB039	DC CONT PWR DIST CAB 213	FISH-H		X-2329	119387	H/10 642	A 1 AUX	N/A		22E-O-3091	S096
FUNCTION/SERVICE: FEED, 125V DC COMPUTER ROOM AND MISC. ROOMS HVAC SYSTEM PANEL OLP21											
OV 2AB0203	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	H/14 617	A 4 AUX	N/A		22E-O-3077	X521
FUNCTION/SERVICE: COMPUTER & MISC. ROOM HVAC REFRIGERATION UNIT OB, PRESSURE CONTROLLER AND HEATER 00V006, SOLENOID VALVES OSV-0V06A,B,C											
PP 2PR-PP16	RECORDER	HAGAN	100	X-2291		G/17 642'-0''	A 1 AUX	N/A		M-73	M603
FUNCTION/SERVICE: PP PRESSURE RECORDING /PP ZONES 1&2 AIR LEAKS											
PP 2PR-PP17	RECORDER	HAGAN	100	X-2291		G/17 642'-0''	A 1 AUX	N/A		M-73	M603
FUNCTION/SERVICE: PP PRESSURE RECORDING /PP ZONES 3&4 AIR LEAKS											
PP 2PR-PP18	RECORDER	HAGAN	100	X-2291		G/17 642'-0''	A 1 AUX	N/A		M-73	M603
FUNCTION/SERVICE: FLOW READING/PP ZONES 1&2 AIR LINES											
PP 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
FUNCTION/SERVICE: POWER SUPPLY FOR PP SYS AIR COMPR 2PPO01											
PP 2CB008	MCB-ESF DIV 27	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S034
FUNCTION/SERVICE:											
PP 2CB009	MCB-ESF DIV 28	WEST		X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S035
FUNCTION/SERVICE: CONT & INDIC FOR PP SYS AIR COMPR											
PP 2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/14	A 1 AUX	N/A	303211	22E-O-3091	S040
FUNCTION/SERVICE: CONT & INDIC FOR PP SYS AIR COMPR											

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MODEL	PROCCURE	CECO	COL/ROW	CONTAIN	FLO	VENDOR	S&L	COMP	
*SY NUMBER	MFR	NUMBER	SPEC	P.O. NO.	ELEVATN	IN OUT BUILD	LEV	DRAWING	DRAWING	NO	
PR 2RR-PR14	MULTIPOINT RECORDER	HONEY- WELL	UNIVERSAL	X-2333		J/17 642'-0"	A 1 AUX	N/A	M-549	M404	
		FUNCTION/SERVICE: RECORDING/PASSIVE FAIL. AIR PARTICULATE & IODINE									
PR 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A 75C247958	SH.48A	22E-2-3203	Q023
		FUNCTION/SERVICE: POWER SUPPLY FOR MISC. VENT STACK EFFLUENT RAD DETECT. OPRO32									
PR 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A 75C247958	549.50	22E-2-3203	Q024
		FUNCTION/SERVICE: POWER SUPPLY FOR CONTROL ROOM AIR INTAKE DETECT. OPRO18									
PR 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A 75C247958	SH51-2	22E-2-3203	Q025
		FUNCTION/SERVICE: POWER SUPPLY FOR CONT. ROOM INTAKE FROM TURB. DETECT. OPRO31 & AUX BLDG EXH SYS. DETECTOR OPRO28									
PR 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A 75C247958	SH1.42	22E-0-3058	Q026
		FUNCTION/SERVICE: POWER SUPPLY FOR GAS DECAY TANK VENT RAD DETECT. OPRO30 & RHR HX. 2B CUB. RAD. DETECTOR OPRO09R									
PR 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A 75C247958	SH2.44	22E-0-3053	Q028
		FUNCTION/SERVICE: POWER SUPPLY FOR CONTAIN. AREA SAMPLING PUMP 2PRO01 & CENT. CHARG. PUMP 2B CUB. RADIATION DETECTOR 2PRO11									
PR 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A 75C247958	SH.50	22E-2-3203	Q029
		FUNCTION/SERVICE: POWER SUPPLY FOR CONTAIN. PURGE SYS RAD. DETECT. 2PRO15									
PR 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A 75C247958	SH.40	22E-0-3059	Q031
		FUNCTION/SERVICE: POWER SUPPLY FOR CONTAIN. LEAK RAD. DETECT. 2PRO16									
PR 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A 75C247958	SH.41	22E-0-3059	Q032
		FUNCTION/SERVICE: POWER SUPPLY FOR PR SYS RAD. DETECT. OPRO06, O10 & O12									
PR 2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A E-12942	SH.8	22E-0-3090	S034
		FUNCTION/SERVICE:									
PR 2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A E-12942	SH.8	22E-0-3090	S035
		FUNCTION/SERVICE:									

COMPONENT, EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
PR	2CBO11	MCB-CONT ISOL	HARLO CORP.		X-2291	109918	G/17 642	A	1	AUX	N/A E-12942 SH.8	22E-0-3090	5037
FUNCTION/SERVICE:													
PR	2CBO13	MCB-PROCESS RAD. MON. CAB.	WEST		X22005	382557	K/17 642	A	1	AUX	N/A	22E-0-3090	5081
FUNCTION/SERVICE:													
PR	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A	3	AUX	N/A E13064-SHO1D	22E-2-3203	T008
FUNCTION/SERVICE:													
PR	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A	3	AUX	N/A E13064-SHO1B	22E-2-3203	T009
FUNCTION/SERVICE:													
PR	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A	3	AUX	N/A E13064-SHO1E	22E-2-3203	T010
FUNCTION/SERVICE:													
PV	2APO15	480V SWGR ESS BUS 239	WEST	TYPE DS	X-2257	102870	H/6 617	A	3	AUX	N/A 591F616 591F671	22E-2-3203	Q012
FUNCTION/SERVICE: POWER SUPPLY FOR CONTROL ROOM REFRIGERATION COMPRESSOR OB													
PV	2APO33	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A	3	AUX	N/A 75C247958 SH50-1	22E-2-3203	Q025
FUNCTION/SERVICE: POWER SUPPLY FOR CONTROL ROOM FANS OPV012, 16 & AIR HANDLING UNIT OPV011													
PV	2APO90	480V AUX BLDG 3SS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A	3	AUX	N/A 75C247958 SH.50	22E-2-3203	Q029
FUNCTION/SERVICE: POWER SUPPLY FOR CONTAINMENT STANDBY INSTRUMENT AIR COMPRESSOR OPV017													
PV	2CBO39	DC CONT PWR DIST CAB 213	FISH-H		X-2329	119387	H/10 642	A	1	AUX	N/A	22E-0-3091	5096
FUNCTION/SERVICE: FEED, 125V DC CONTROL ROOM HVAC SYSTEM PANEL OLP19													
PV	2ABO234	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/12 617	A	4	AUX	N/A	22E-0-3077	X526
FUNCTION/SERVICE: CONTROL ROOM & COMPUTER ROOM STANDBY INSTRUMENT AIR COMPRESSOR													
PV	2ABO204	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/14 617	A	4	AUX	N/A	22E-0-3077	X581
FUNCTION/SERVICE: CONTROL ROOM HVAC COMPRESSOR OB, VALVES OSV-PV08A,B,C													
FUNCTION/SERVICE: COMPRESSOR OB OIL HEATER													
FUNCTION/SERVICE: COMPRESSOR OB REFRIGERANT PRESSURE CONTROLLER													
FUNCTION/SERVICE: COMPRESSOR OB OIL PRESSURE CONTROLLER													

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 2FI-414	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP A FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP A
*	RC 2FI-415	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP A FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP A
*	RC 2FI-416	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP A FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP A
*	RC 2FI-424	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP C FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP C
*	RC 2FI-425	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP C FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP C
*	RC 2FI-426	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP C FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP C
*	RC 2FI-434	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP D FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP D
*	RC 2FI-435	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP D FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP D
*	RC 2FI-436	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP D FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP D
*	RC 2FI-444	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP B FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP B
*	RC 2FI-445	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP B FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP B
*	RC 2FI-446	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
												FUNCTION/SERVICE:RC LOOP B FLOW INDICATION & ALARM ,REACTOR TRIP/RC FLOW LOOP B

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2LI-459A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL							
RC	2LI-460A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL							
RC	2LI-461	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL							
RC	2PI-0455A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-516	M305
					FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE							
RC	2PI-0456	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE							
RC	2PI-0457	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A		M-516	M305
					FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE							
RC	2PI-0458	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE							
RC	2TI-0411A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: LOOP A DELTA T							
RC	2TI-0411B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: LOOP A OVER PWR DT							
RC	2TI-0411C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: LOOP A OVER TEMP DT							
RC	2TI-0421A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: LOOP C DELTA T							
RC	2TI-0421B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A 1 AUX	N/A			M305
					FUNCTION/SERVICE: LOOP C OVER PWR DT							

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 2TI-0421C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP C OVER TEMP DT										
RC 2TI-0431A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP D DELTA T										
RC 2TI-0431B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP D OVER PWR DT										
RC 2TI-0431C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP D OVER TEMP DT										
RC 2TI-0441A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP B DELTA T										
RC 2TI-0441B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP B OVER PWR DT										
RC 2TI-0441C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0"	A 1 AUX	N/A			M305
	FUNCTION/SERVICE: LOOP B OVER TEMP DT										
RC 2PI-403	PRESSURE INDICATOR	WESCH- LER		138768		G/18 642'-0"	A 1 AUX	N/A			M310
	FUNCTION/SERVICE: RC PRESSURE INDICATION & ALARM/WIDE RANGE LOOP A HOT										
RC 2APO13	480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/9 617	A 3 AUX	N/A	591F616	22E-2-3203	0010
	FUNCTION/SERVICE: POWER FEED FOR PRESS HEATERS BACKUP GROUP 2C										
RC 2APO14	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/7 617	A 3 AUX	N/A	591F616	22E-2-3203	0011
	FUNCTION/SERVICE: POWER FEED FOR PRESS HEATERS BACKUP GROUP 2A										
RC 2APO15	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/6 617	A 3 AUX	N/A	591F616	22E-2-3203	0012
	FUNCTION/SERVICE: POWER FEED FOR PRESS HEATERS CONTROL GROUP 2B										
RC 2APO33	480V AUX BLDG SE ESS BUS 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958	22E-2-3203	0025
	FUNCTION/SERVICE: POWER SUPPLY FOR RC SYS VLVs 2MOV-RC8000A & B										



COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 2AP002	4160V SWGR BUS 242	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2	AUX	N/A	33-45122-E	22E-2-3205	Q049
				FUNCTION/SERVICE: POWER FEED FOR RC SYS PUMP 2A									
*	RC 2AP003	4160V SWGR BUS 243	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2	AUX	N/A	33-45122-E	22E-2-3205	Q050
				FUNCTION/SERVICE: POWER FEED FOR RC SYS PUMP 2B									
*	RC 2AP004	4160V SWGR BUS 244	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2	AUX	N/A	33-45122-E	22E-2-3205	Q051
				FUNCTION/SERVICE: POWER FEED FOR RC SYS PUMP 2C									
*	RC 2AP005	4160V SWGR BUS 245	ITE	TYPE 5 HK-350	X-2240	103443	H/8 642	A 2	AUX	N/A	33-45122-E	22E-2-3205	Q052
				FUNCTION/SERVICE: POWER FEED FOR RC SYS PUMP 2D									
*	RC 2CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1	AUX	N/A		22E-0-3091	S012
				FUNCTION/SERVICE:									
*	RC 2CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/12 642	A 1	AUX	N/A		22E-0-3091	S013
				FUNCTION/SERVICE:									
*	RC 2CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1	AUX	N/A		22E-0-3091	S014
				FUNCTION/SERVICE:									
*	RC 2CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-0-3091	S015
				FUNCTION/SERVICE:									
*	RC 2CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-0-3091	S016
				FUNCTION/SERVICE:									
*	RC 2CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-0-3091	S017
				FUNCTION/SERVICE:									
*	RC 2CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-0-3091	S018
				FUNCTION/SERVICE:									
*	RC 2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1	AUX	N/A	E12942 SH.7	22E-0-3090	S032
				FUNCTION/SERVICE: CONTROL AND INDICATION FOR RC SYS PUMPS									

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COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD L'EV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 2CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E12942 SH.7	22E-0-3090	S033
													FUNCTION/SERVICE:
*	RC 2CB012	MCB-BOP PORTIC'1 OF ESF	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E12942 SH.8	22E-0-3090	S038
													FUNCTION/SERVICE:
*	RC 2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14 642	A 1	AUX	N/A	303211	22E-0-3091	S040
													FUNCTION/SERVICE:
*	RC 2CB023	NUCLEAR INSTR CAB. CH. 2	WEST		X-22005	382557	K/19 642	A 1	AUX	N/A		22E-0-3090	S083
													FUNCTION/SERVICE:
*	RC 2CB024	NUCLEAR INSTR CAB. CH. 3	WEST		X-22005	382557	K/19 642	A 1	AUX	N/A		22E-0-3090	S084
													FUNCTION/SERVICE:
*	RC 2CB025	NUCLEAR INSTR CAB. CH. 4	WEST		X-22005	382557	K/19 642	A 1	AUX	N/A		22E-0-3090	S085
													FUNCTION/SERVICE:
*	RC 2CB026	PROC. I&C RACK PROT. SET 1	WEST		X-22005	382557	G/12 642	A 1	AUX	N/A		22E-0-3091	S086
													FUNCTION/SERVICE:
*	RC 2CB027	PROC. I&C RACK PROT. SET 2	WEST		X-22005	382557	G/13 642	A 1	AUX	N/A		22E-0-3091	S087
													FUNCTION/SERVICE:
*	RC 2CB028	PROC. I&C RACK PROT. SET 3	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-0-3091	S088
													FUNCTION/SERVICE:
*	RC 2CB029	PROC. I&C RACK PROT. SET 4	WEST		X-22005	382557	K/13 642	A 1	AUX	N/A		22E-0-3091	S089
													FUNCTION/SERVICE:
*	RC 2CB030	REACTOR PROT LOGIC A	WEST		X-22005	382557	H/12 642	A 1	AUX	N/A		22E-0-3091	S090
													FUNCTION/SERVICE:
*	RC 2CB031	REACTOR PROT. LOGIC B	WEST		X-22005	382557	H/13 642	A 1	AUX	N/A		22E-0-3091	S091
													FUNCTION/SERVICE:

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	S092
												FUNCTION/SERVICE:
*	RC 2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A 1 AUX	N/A		22E-0-3091	S093
												FUNCTION/SERVICE:
*	RC 2CB109	EMER INSTR ISOL TEST SW CAB DIV 27					G/14 642	A 1 AUX	N/A		22E-0-3091	S130
												FUNCTION/SERVICE:
*	RC 2CB020	INCORE INSTR RACK 3	WEST		X-22005	382557	K/18 642	A 1 AUX	N/A		22E-0-3090	S138
												FUNCTION/SERVICE:
*	RC 2CB043	ROD POSITION INDICATION	WEST		X-22005	382557	H/11 642	A 1 AUX	N/A		22E-0-3091	S139
												FUNCTION/SERVICE:
*	RC 2CB059	ROD CONTROL CABINET	WEST		X-22005	382557	H/11 642	A 1 AUX	N/A		22E-0-3091	S140
												FUNCTION/SERVICE:
*	RC 2CB110	EMER INSTR ISOL TEST SW CABDIV 28					G/14 642	A 1 AUX	N/A		22E-0-3091	S141
												FUNCTION/SERVICE:
*	RC 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SHO1C	22E-2-3203	T011
												FUNCTION/SERVICE:
*	RC 2LP31	PRES HTR CONT GRP B SCR RECTIFIER	WEST		X-2257	382557	J/10 642	A 2 AUX	N/A	413073	22E-2-3205	T076
												FUNCTION/SERVICE:
*	RC 2LP34	PRES HTR CONT GRP B PWR CONT CTR	WEST		X-2257	103870	J/9 642	A 2 AUX	N/A	214-P-017-HO1	22E-2-3205	T077
												FUNCTION/SERVICE:
*	RC 2LP35	PRES HTR BACK UP GRP B PWR CONT CTR	WEST		X-2257	103870	H/9 642	A 2 AUX	N/A	214-P-018-HO1	22E-2-3205	T078
												FUNCTION/SERVICE:
*	RC 2LP36	PRES HTR BACK UP GRP C PWR CONT CTR	WEST		X-2257	103870	H/10 642	A 2 AUX	N/A	214-P-018-HO1	22E-2-3205	T079
												FUNCTION/SERVICE:

COMPONENT/EQUIPMENT ID SHEET											
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 2LP68	PRES HTR GROUP B CONT STA	WEST	X-2257	103870	J/10 642	A 2 AUX	N/A		22E-2-3205	T087
*	RC 2LP69	PRES HTR GROUP C CONT STA	FISH-H	X-2329	119387	H/10 642	A 2 AUX	N/A		22E-2-3205	T088
*	RC 2AB0220	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/14 630	A 4 AUX	N/A		22E-0-3100	X522
			FUNCTION/SERVICE: RC LOOPS A-D STOP VLVS LEAK OFF FLOW								
*	RC 2AB0221	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/12 630	A 4 AUX	N/A		22E-0-3100	X523
			FUNCTION/SERVICE: RC LOOPS A-D STOP VLVS LEAK OFF FLOW								
*	RC 2AB0551	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/26 560	A 7 AUX	N/A		22E-0-3056	X552
			FUNCTION/SERVICE: GAS ANALYZER ISOLATION VALVE 2ADV-RC8025								
*	RH 2RH001	RHR PUMP MOTOR UNIT	WEST VSW1	E-677125		L/18 552'-0''	A13 AUX	N/A	V-8X20W86X11-D	M-520	A251
			FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 2A								
*	RH 2RH002	RHR PUMP MOTOR UNIT	WEST VSW1	E-677125		M/18 552'-0''	A13 AUX	N/A	V-8X20W86X11-D	M-520	A251
			FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1A								
*	RH 2MOV-RH8700A	VALVE MOTOR OPERATOR	LMTQ SMB-0	G-676258	067762	L/18 546'-0''	A13 AUX	N/A	93-13107	M-520	A252
			FUNCTION/SERVICE: ACTUATES VALVE/RHR PUMP SUCTION								
*	RH 2MOV-RH8700B	VALVE MOTOR OPERATOR	LMTQ SMB-0	G-676258	067762	M/18 546'-0''	A13 AUX	N/A	93-13107	M-520	A252
			FUNCTION/SERVICE: ACTUATES VALVE/RHR PUMP SUCTION								
*	RH 2MOV-RH8716A	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103251	M/19 557'-0''	A 7 AUX	N/A	93-12862	M-520	A253
			FUNCTION/SERVICE: ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION								
*	RH 2MOV-RH8716B	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103251	L/19 557'-0''	A 7 AUX	N/A	93-12862	M-520	A253
			FUNCTION/SERVICE: ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION								
*	RH 2MOV-RH8716C	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103251	M/19 542'-0''	A 7 AUX	N/A	93-12862	M-520	A253
			FUNCTION/SERVICE: ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PRGURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RH	2FT-600	FLOW TRANSMITTER	F&P	10B2495	X-2200	104253	P/18 560'-0"	A13 AUX	N/A		M-520, M-296	N101
					FUNCTION/SERVICE: RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN							
RH	2FI-600	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0"	A13 AUX	N/A		M-520	N102
					FUNCTION/SERVICE: RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN							
RH	2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E 2-3203	Q005
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR PUMP 2B (2RH002)							
RH	2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E 2-3203	Q006
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR PUMP 2A (2RH001)							
RH	2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A	75C247958 S49.50	22E-2-3203	Q024
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2MOV-RH8702							
RH	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 S50-1	22E-2-3203	Q025
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2MOV-RH8701							
RH	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 S1.42	22E-0-3058	Q026
					FUNCTION/SERVICE: PWR SUPPLY FOR RHR SYS VLVS 2FCV-RH611, 2MOV-RH8700B, -RH8716C							
RH	2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	Q027
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2MOV-RH8716B							
RH	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2MOV-RH8703							
RH	2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2FCV-RH610, 2MOV-RH8700A							
RH	2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	Q032
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2MOV-RH8716A							
RH	2AP055	MOV HTRS-DIST. PNL-DIV	FISH-H	B/M-C-458 29	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q038
					FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS MOV HTRS 2MOV-RH8701							

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RH	2CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S012
* FUNCTION/SERVICE: CONTROL AND INDICATION FOR RHR SYSTEM VALVE 1MOV-RH8701												
RH	2CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S013
* FUNCTION/SERVICE:												
RH	2CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S014
* FUNCTION/SERVICE:												
RH	2CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S015
* FUNCTION/SERVICE:												
RH	2CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S016
* FUNCTION/SERVICE: SIGNAL, RESIDUAL HEAT FLOW TO RCS INSTRUMENTS 2FI-600, 2FQ-600, 2FI-600												
RH	2CB073	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S017
* FUNCTION/SERVICE:												
RH	2CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3091	S018
* FUNCTION/SERVICE:												
RH	2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1 AUX	N/A	E-12942 SH.7	22E-O-3090	S032
* FUNCTION/SERVICE:												
RH	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-O-3090	S035
* FUNCTION/SERVICE: CONTROL & INDICATION FOR RHR SYSTEM PUMP ; 2H002 AND VALVES 2MOV-RH8702, 2MOV-RH8703, 2MOV-RH9000												
RH	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3090	S036
* FUNCTION/SERVICE: CONTROL & INDICATION FOR RHR SYSTEM PUMP 2RHO01 AND VALVE 2MOV-RH8701												
RH	2CB012	MCB-BOP PORTION ESF	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3090	S038
* FUNCTION/SERVICE:												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RH	2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-2200S	382557	H/14	A 1 AUX	N/A	303211	22E-0-3091	S040
					FUNCTION/SERVICE:							
RH	2CB033	ESF PNAEL B	WEST		X-2200S	382557	H/13 642	A 1 AUX	N/A	E-12942 SH.	22E-0-3091	S093
					FUNCTION/SERVICE: CONTROL AND INDICATION FOR RHR SYSTEM VALVES 1MOV-RH8702, 1MOV-RH8703, 1MOV-RH9000							
RH	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1B	22E-2-3203	T009
					FUNCTION/SERVICE: CONTROL, RHR PUMP 2B (2RH002)							
RH	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SHO1C	22E-2-3203	T011
					FUNCTION/SERVICE: CONTROL, RHR PUMP 2A (2RH001)							
RH	2CM004	COMPUTER CAB. (I/O TERM)	WEST		X-2200S	382557	K/16 642	A 6 AUX	N/A		22E-1-3400	U005
					FUNCTION/SERVICE:							
RH	2AB0100	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/17 542	A13 AUX	N/A		22E-0-3054	X098
					FUNCTION/SERVICE: RHR PUMP 2A SCTN ISOL VLV 2MOV-RH8700A							
RH	2AB0101	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/17 542	A13 AUX	N/A		22E-0-3054	X099
					FUNCTION/SERVICE: RHR PUMP 2B SCTN ISOL VLV 2MOV-RH8700B							
RH	2AB0042	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/17 560	A 7 AUX	N/A		22E-0-3057	X502
					FUNCTION/SERVICE:							
RP	2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-231	22E-2-3203	Q004
					FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS							
RP	2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E-2-3203	Q005
					FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS							
RP	2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E-2-3203	Q006
					FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS							
RP	2CB035	NSSS AUX RLY RACK	WEST		X-2200S	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	S012
					FUNCTION/SERVICE: AUX RELAY RACK A							

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RP	2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1 AUX	N/A	E-12942 SH. 7	22E-0-3090	5032
		FUNCTION/SERVICE CONTROL AND INDICATION FOR REACTOR CONTROL DEVICES										
RP	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	5034
		FUNCTION/SERVICE CONTROL AND INDICATION FOR ENG. SAF. DIV. 27										
RP	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	5035
		FUNCTION/SERVICE CONTROL AND INDICATION FOR ENG. SAF. DIV. 28										
RP	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	5036
		FUNCTION/SERVICE CONTROL AND INDICATION FOR ENG. SAF. DIV. 29										
RP	2CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH. 8	22E-0-3090	5038
		FUNCTION/SERVICE CONTROL AND INDICATION FOR BOP SECTION OF ESS										
RP	2CB050	ANNUN INPUT RLY LOGIC CAB	WEST		X-2322	119390	G/14 642	A 1 AUX	N/A	303211 SH. 1&2	22E-0-3091	5039
		FUNCTION/SERVICE ANN. INPUT RELAY LOGIC CABINET										
RP	2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14	A 1 AUX	N/A	303211	22E-0-3091	5040
		FUNCTION/SERVICE ANN. INPUT RELAY CABINET										
RP	2CB015	MCB AUTO CONTROL CAB.	WEST		X-2316	113429	G/17 642	A 1 AUX	N/A		22E-0-3090	5082
		FUNCTION/SERVICE AUTO CONTROL CABINET, CONTROL PRESS LOGIC										
RP	2CB026	PROC. I&C RACK PROT. SET 1	WEST		X-22005	382557	G/12 642	A 1 AUX	N/A		22E-0-3091	5086
		FUNCTION/SERVICE PROCESS I & C RACK PROT. SET 1										
RP	2CB027	PROC. I&C RACK PROT. SET 2	WEST		X-22005	382557	G/13 642	A 1 AUX	N/A		22E-0-3091	5087
		FUNCTION/SERVICE PROCESS I & C RACK PROT. SET 2										
RP	2CB028	PROC. I&C RACK PROT. SET 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	5088
		FUNCTION/SERVICE PROCESS I & C RACK PROT. SET 3										
RP	2CB029	PROC. I&C RACK PROT. SET 4	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-0-3091	5089
		FUNCTION/SERVICE PROCESS I & C RACK PROT. SET 4										

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RP	2CB030	REACTOR PROT LOGIC A	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A	22E-0-3091	S090
					FUNCTION/SERVICE: RP SYS LOGIC A							
RP	2CB031	REACTOR PROT LOGIC B	WEST		X-22005	328557	H/13 642		A 1 AUX	N/A	22E-0-3091	S091
					FUNCTION/SERVICE: RP SYS LOGIC B							
RP	2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A	22E-0-3091	S092
					FUNCTION/SERVICE: ENG. SAF. ACTUATION A							
RP	2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642		A 1 AUX	N/A	22E-0-3091	S093
					FUNCTION/SERVICE: ENG. SAF. ACTUATION B							
RP	2CB037	DC CONT PWR DIST CAB 211	FISH-H		X-2329	119387	H/10 642		A 1 AUX	N/A	22E-0-3091	S094
					FUNCTION/SERVICE: 125V DC CONTROL POWER DISTRIBUTION CABINET 211 (LOGIC CIRCUIT POWER)							
RP	2CB039	DC CONT PWR DIST CAB 213	FISH-H		X-2329	119387	H/10 642		A 1 AUX	N/A	22E-0-3091	S096
					FUNCTION/SERVICE: 125V DC CONTROL POWER DISTRIBUTION CABINET 213 (CONTROL CIRCUIT POWER)							
RP	2CB040	DC CONT PWR DIST CAB 214	FISH-H		X-2329	119387	K/14 642		A 1 AUX	N/A	22E-0-3091	S097
					FUNCTION/SERVICE: 125V DC CONTROL POWER DISTRIBUTION CABINET 214							
RP	2CB052	GEN & TRANSF RLY & MET PNL	HARLO CORP.		X-2303	116019	K/14 642		A 1 AUX	N/A	22E-0-3090	S099
					FUNCTION/SERVICE: GENERATOR & TRANSFORMER, RELAY AND METERING PANEL							
RP	2CB067	CONTMT PRES TRAIN 1 TST & LOGIC CAB	HARLO CORP.		X-2305	123159	G/11 642		A 1 AUX	N/A	22E-0-3091	S100
					FUNCTION/SERVICE: CONTAINMENT PRESS. LOGIC 1							
RP	2CB068	CONTMT PRES TRAIN 2 TST & LOGIC CAB	HARLO CORP.		X-2305	123159	H/11 642		A 1 AUX	N/A	22E-0-3091	S101
					FUNCTION/SERVICE: CONTAINMENT PRESS. LOGIC 2							
RP	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305	123159	H/11 642		A 1 AUX	N/A	22E-0-3091	S102
					FUNCTION/SERVICE: LOGIC TEST TRAIN 2							
RP	2CB096	SAFEGUARDS TEST CAB A	WEST		X-22005	382557	G/11 642		A 1 AUX	N/A	22E-0-3091	S103
					FUNCTION/SERVICE: SAF. TRAIN A TEST							

COMPONENT/EQUIPMENT ID SHEET												
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RP	2CB097	SAFEGUARDS TEST CAB B	WEST		X-22005	382557	G/11 642	A 1 AUX	N/A		22E-0-3091	S104
					FUNCTION/SERVICE: SAF. TRAIN B TEST							
RP	2CB094	ESS LOGIC TRAIN 1 CAB.	HARLO CORP.		X-2305	123159	G/11 642	A 1 AUX	N/A		22E-0-3091	S110
					FUNCTION/SERVICE: LOGIC TEST TRAIN 1							
RP	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SHO1A	22E-2-3203	T007
					FUNCTION/SERVICE: AUX. RELAYS ESS DIV 27 CONT							
RP	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A 3 AUX	N/A	E13064-SHO1D	22E-2-3203	T008
					FUNCTION/SERVICE: AUX. RELAYS ESS DIV 27 CONT							
RP	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1B	22E-2-3203	T009
					FUNCTION/SERVICE: AUX. RELAYS ESS DIV 28 CONT							
RP	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SHO1E	22E-2-3203	T010
					FUNCTION/SERVICE: AUX. RELAYS ESS DIV 28 CONT							
RP	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SHO1C	22E-2-3203	T011
					FUNCTION/SERVICE: AUX. RELAYS ESS DIV 29 CONT							
RP	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A 3 AUX	N/A	E13064-SHO1F	22E-2-3203	T012
					FUNCTION/SERVICE: AUX. RELAYS ESS DIV 29 CONT							
RP	2CM009	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/15 642	A 6 AUX	N/A		22E-1-3400	U004
					FUNCTION/SERVICE: COMPUTER INPUT/OUTPUT TERMINAL CABINET 02							
RP	2CM004	COMPUTER CAB (I/O TERM)	WEST		X-22005	382557	K/16 642	A 6 AUX	N/A		22E-0-3091	U005
					FUNCTION/SERVICE: COMPUTER INPUT/OUTPUT TERMINAL CABINET 00							
RP	2TB-A	TERM. BOX # UN-2 TURBINE	WEST		X-2200T	382556	E/15 642	T 1 TURB	N/A		22E-2-3132	X355
					FUNCTION/SERVICE: CONTROL PRESS. SWITCHES 63-3/AST, 63-4/AST, 63-5/AST							
RP	2TB-D	TERM. BOX # UN-2 TURBINE	WEST		X-2200T	382556	E/13 642	T 1 TURB	N/A		22E-2-3132	X358
					FUNCTION/SERVICE: TURBINE TRIP STOP VALVES SIGNAL							

COMPONENT/EQUIPMENT ID SHEET											
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RP	2TB-E	TERM. BOX # UN-2 TURBINE	WEST	X-2200T	382556	E/13 642	T 1 TURB	N/A		22E-2-3132	X359
FUNCTION/SERVICE: TURBINE TRIP STOP VALVES SIGNAL											
RP	2AB0363	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	G/9 630	A 4 AUX	N/A		22E-2-3204	X538
FUNCTION/SERVICE: TURBINE AUTO STOP TRIP RELAYS											
RV	2APO13	480V SWGR. ESS-BUS 237	WEST TYPE DS	X-2257	103870	H/9 617	A 3 AUX	N/A	591F616 591F671	22E 2-3203	Q010
FUNCTION/SERVICE: POWER FEED TO CONTMT COOL FAN 2C											
RV	2APO14	480V SWGR. ESS-BUS 238	WEST TYPE DS	X-2257	103870	H/7 617	A 3 AUX	N/A	591F616 591F671	22E 2-3203	Q011
FUNCTION/SERVICE: POWER FEED TO CONTMT COOL FANS 2A & 2D											
RV	2APO15	480V SWGR. ESS-BUS 239	WEST TYPE DS	X-2257	103870	H/6 617	A 3 AUX	N/A	591F616 591F671	22E 2-3203	Q012
FUNCTION/SERVICE: POWER FEED TO CONTMT COOL FANS 2B & 2E											
RV	2APO30	480V AUX BLDG ESS MCC 2371	GE 7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958S48,48A	22E-2-3203	Q023
FUNCTION/SERVICE: CONTMT COOL FAN 2C MOTOR HTR FEED											
RV	2APO33	480V AUX BLDG ESS MCC 2391	GE 7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 SH51-2	22E-2-3203	Q025
FUNCTION/SERVICE: CONTMT COOL FAN 2B MOTOR HTR FEED											
RV	2APO90	480V AUX BLDG ESS MCC 2381B	GE 7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
FUNCTION/SERVICE: CONTMT COOL FAN 2D MOTOR HTR FEED											
RV	2CB008	MCB-ESF DIV 27	WEST	X-2200S	382557	H/17 642	A 4 AUX	N/A	E12942 SH.8	22E-0-3090	S034
FUNCTION/SERVICE: RX CONTMT VENT COOL FAN CONT & INDIC											
RV	2CB009	MCB-ESF DIV 28	WEST	X-2200S	382557	H/17 642	A 1 AUX	N/A	E12934	22E-0-3090	S035
FUNCTION/SERVICE: RX CONTMT VENT COOL FAN CONT & INDIC											
RV	2CB010	MCB-ESF DIV 29	WEST	X-2200S	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S036
FUNCTION/SERVICE: RX CONTMT VENT COOL FAN CONT & INDIC											
RV	2CB011	MCB-CONT ISOL	HARLO CORP.	X-2291	109918	G/17 642	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	S037
FUNCTION/SERVICE:											

COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV 2CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	I/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S038
				FUNCTION/SERVICE:					INSTR 2MI-RV42.2MI-RV43		
				FUNCTION/SERVICE:					2MI-RV44 & 2TI-RV42, 2TI-RV43, 2TI-RV44		
RV 2CB050	ANNUN INPUT RLY LOGIC CAB	WEST		X-2322	109390	G/14 642	A 1 AUX	N/A	303211 SH.1&2	22E-O-3091	S039
				FUNCTION/SERVICE:							
RV 2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14 642	A 1 AUX	N/A	303211	22E-O-3091	S040
				FUNCTION/SERVICE:							
				FUNCTION/SERVICE:					CONTMT COOL FANS 2A TO 2E ALARMS		
RV 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
				FUNCTION/SERVICE:							
RV 2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 517	A 3 AUX	N/A	E13064-SH01D	22E-2-3203	T008
				FUNCTION/SERVICE:							
RV 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01B	22E-2-3203	T009
				FUNCTION/SERVICE:							
RV 2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A 3 AUX	N/A	E13064-SH01E	22E-2-3203	T010
				FUNCTION/SERVICE:							
RV 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3 AUX	N/A	E13064-SH01C	22E-2-3203	T011
				FUNCTION/SERVICE:							
RV 2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A 3 AUX	N/A	E13064-SH01F	22E-2-3203	T012
				FUNCTION/SERVICE:							
RV 2CM008	COMPUTER CAB. (I/O TERMIN.)	WEST		X-22005	382557	L/15 642	A 6 AUX	N/A		22E-1-3400	U001
				FUNCTION/SERVICE:							
RV 2CM009	COMPUTER CAB. (I/O TERMIN.)	WEST		X-22005	382557	L/15 642	A 6 AUX	I./A		22E-1-3400	U004
				FUNCTION/SERVICE:							

COMPONENT/EQUIPMENT ID SHEET													
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RV	20M009	COMPUTER CAB. (I/O TERMIN.)	WEST		X-22005	382557	L/15 642		A 6 AUX	N/A		22E-1-3400	U004
		FUNCTION/SERVICE:											
RV	2AB0197	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/14 617		A 7 AUX	N/A		22E-2-3206	X077
		FUNCTION/SERVICE: CONTAINMENT PURGE ISOL VALVE 2A0V-RV0002											
RV	2AB0198	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/14 617		A 7 AUX	N/A		22E-2-3206	X078
		FUNCTION/SERVICE: CONTAINMENT PURGE ISOL VALVE 2A0V-RV0008											
SI	2SI003	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/16 560'-0''		A13 AUX	N/A	FC-45648	M-521	A001
		FUNCTION/SERVICE: ACTUATES PUMP/SI PUMP 2A											
SI	2SI004	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/15 560'-0''		A13 AUX	N/A	FC-45648	M-521	A001
		FUNCTION/SERVICE: ACTUATES PUMP/SI PUMP 2B											
SI	2MOV-SI8804A	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	L/17 567'-0''		A13 AUX	N/A	93-12862	M-520	A002
		FUNCTION/SERVICE: ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 2A											
SI	2MOV-SI8804B	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	L/17 559'-6''		A13 AUX	N/A	93-12862	M-521	A002
		FUNCTION/SERVICE: ACTUATES VALVE/TO SI PUMP FROM RH EXCH											
SI	2MOV-SI8807A	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/23 567'-4''		A 7 AUX	N/A	93-13114	M-521	A003
		FUNCTION/SERVICE: ACTUATES VALVE/TO CHARGING PUMPS SUCTION											
SI	2MOV-SI8807B	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/16 569'-4''		A 7 AUX	N/A	88919	M-521	A003
		FUNCTION/SERVICE: ACTUATES VALVE/TO CHARGING PUMPS SUCTION											
SI	2MOV-SI9010A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	086071	K/16 568'-0''		A13 AUX	N/A	93-13106	M-521	A005
		FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP											
SI	2MOV-SI9010B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	086071	L/15 568'-0''		A13 AUX	N/A	93-13106	M-521	A005
		FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP											
SI	2MOV-SI8811A	VALVE MOTOR OPERATOR	LMTQ	SMB-3	G-676258	103251	M/17 557'-0''		A11 AUX	N/A	93-12861	M-522	A006
		FUNCTION/SERVICE: ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP											

COMPONENT/EQUIPMENT ID SHEET

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SI	2MOV-S18811B	VALVE MOTOR OPERATOR	LMTQ SMB-3	G-676258	103251	M/17 557'-0''	A11 AUX	N/A	93-12861	M-522	A006
FUNCTION/SERVICE: ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP											
SI	2MOV-S18812A	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103251	M/17 559'-0''	A 7 AUX	N/A	93-12858	M-522	A009
FUNCTION/SERVICE: ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	2MOV-S18812B	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103251	M/17 567'-0''	A 7 AUX	N/A	93-12858	M-522	A009
FUNCTION/SERVICE: ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	2MOV-S18806	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	103251	L/15 572'-0''	A13 AUX	N/A	93-13428	M-521	A011
FUNCTION/SERVICE: ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	2MOV-S18923A	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	103251	L/16 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE: ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	2MOV-S18923B	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	103251	L/16 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE: ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	2MOV-S18813	VALVE MOTOR OPERATOR	LMTQ SMB-00-25	G-676258	091710	L/17 579'-0''	A13 AUX	N/A	137-116-1	M-521	A012
FUNCTION/SERVICE: ACTUATES VALVE/SI TEST LINE TO RWST											
SI	2MOV-S18814	VALVE MOTOR OPERATOR	LMTQ SMB-00-25	G-676258	091710	L/17 579'-0''	A13 AUX	N/A	137-116-1	M-521	A012
FUNCTION/SERVICE: ACTUATES VALVE/SI TEST LINE TO RWST											
SI	2MOV-S18812A	LIMIT SWITCH	NAMCO DX-2400	G-676258	103251	M/17 559'-0''	A 7 AUX	N/A	93-12858	M-522	A014
FUNCTION/SERVICE: ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	2MOV-S18812B	LIMIT SWITCH	NAMCO DX-2400	G-676258	103251	M/17 567'-0''	A 7 AUX	N/A	93-12858	M-522	A014
FUNCTION/SERVICE: ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	2MOV-S18804A	LIMIT SWITCH	NAMCO DX-2400	G-676258	103251	L/17 567'-0''	A13 AUX	N/A	93-12862	M-520	A015
FUNCTION/SERVICE: ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 2A											
SI	2MOV-S18804B	LIMIT SWITCH	NAMCO DX-2400	G-676258	103251	L/17 559'-6''	A13 AUX	N/A	93-12862	M-521	A015
FUNCTION/SERVICE: ACTUATES VALVE/TO SI PUMP FROM RH EXCH											

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SI	2MOV-S18806	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/15 572'-0''	A13 AUX	N/A	93-13428	M-521	A015
												FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST
SI	2LT-920	LEVEL TRANSMITTER	F&P	18D2492 KBBABAB	X-2200	104253	N/18 560'-0''	A 7 AUX	N/A		M-514,M-296	M101
												FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK
SI	2LT-921	LEVEL TRANSMITTER	F&P	18D2492 KBBABAB	X-2200	104253	N/18 560'-0''	A 7 AUX	N/A		M-514,M-296	M101
												FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK
SI	2FT-970A	FLOW TRANSMITTER	F&P	10B2495 JBBABAB	X-2200	104253	J/18 542'-0''	A 7 AUX	N/A		M-520,M-295	M104
												FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX B OUT FOR SI
SI	2FT-971A	FLOW TRANSMITTER	F&P	10B2496 JBBABAB	X-2200	104253	J/18 542'-0''	A 7 AUX	N/A		M-520,M-295	M104
												FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX A OUT FOR SI
SI	2FT-922	FLOW TRANSMITTER	F&P	10B2496	X-2200	104253	K/16 560'-0''	A 7 AUX	N/A		M-521,M-297	M105
												FUNCTION/SERVICE:SI PUMP 2A DISCH. FLOW INDICATION/SI PUMP 2A DISCH.
SI	2FT-970B	FLOW TRANSMITTER	F&P	10B2496 PBBABAB	X-2200	104253	J/18 542'-0''	A 7 AUX	N/A		M-520,M-295	M105
												FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX B OUT FOR SI
SI	2FT-971B	FLOW TRANSMITTER	F&P	10B2496 PBBABAB	X-2200	104253	J/18 542'-0''	A 7 AUX	N/A		M-520,M-295	M105
												FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX A OUT FOR SI
SI	2PT-923	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	K/16 560'-0''	A 7 AUX	N/A		M-529,M-297	M107
												FUNCTION/SERVICE:SI PUMP 2A DISCH. PRESSURE INDICATION/SI PUMP 2A DISCH.
SI	2PT-947	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	R/17 617'-0''	A 7 AUX	N/A		M-521,M-289	M107
												FUNCTION/SERVICE:BORDN INJ. TANK PRESSURE INDICATION AND ALARM/BORDN INJ. TANK
SI	2PT-935	PRESSURE TRANSMITTER	BARTON	345	X-2200		K/25 560'-0''	A 7 AUX	N/A		M-521,M-297	M108
												FUNCTION/SERVICE:SI PUMP 2B DISCH.PRESSURE INDICATION/SI PUMP 2B DISCH.
SI	2FT-932	FLOW TRANSMITTER	BARTON	332	X-2200		K/15 560'-0''	A 7 AUX	N/A		M-521,M-297	M109
												FUNCTION/SERVICE:SI PUMP 2B DISCH. FLOW INDICATION/SI PUMP 2B DISCH.

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2FI-934	FLOW TRANSMITTER	BARTON	332	X-2200		L/17 560'-0''	A 7 AUX	N/A		M-521, M-297	M109
FUNCTION/SERVICE: CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE												
SI	2FI-924	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE												
SI	2FI-925	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE												
SI	2FI-926	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE												
SI	2FI-927	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE												
SI	2FI-922	FLOW INDICATOR	WEST	VX-252	X-2200	138768	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE: SI PUMP 2A DISCH. FLOW INDICATION/SI PUMP 2A DISCH.												
SI	2FI-970A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI												
SI	2FI-971A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI												
SI	2LI-920	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE: RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK												
SI	2LI-921	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE: RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK												
SI	2PI-923	PRESSURE INDICATOR	WEST	VX-252	X-2200	138768	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE: SI PUMP 2A DISCHARGE PRESSURE INDICATION/SI PUMP 2A DISCH.												
SI	2PI-947	PRESSURE INDICATOR	WEST	VX-252	X-2200	138768	H/17 642'-0''	A 1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE: BORON INJ. TANK PRESSURE INDICATION/BORON INJ. TANK												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2PI-960	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE									
SI	2PI-961	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE									
SI	2PI-962	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE									
SI	2PI-963	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE									
SI	2PI-964	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE									
SI	2PI-965	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE									
SI	2PI-966	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE									
SI	2PI-967	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M110
			FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE									
SI	2PI-935	PRESSURE INDICATOR	WESCH- LER		X-2200	138768	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
			FUNCTION/SERVICE: SI PUMP 2B DISCHARGE PRESSURE INDICATION/SI PUMP 2B DISCH.									
SI	2FI-932	FLOW INDICATOR	WESCH- LER		X-2200	138768	J/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
			FUNCTION/SERVICE: SI PUMP 2B DISCH. FLOW INDICATION/SI PUMP 2B DISCH.									
SI	2FI-934	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/17 642'-0''	A 1 AUX	N/A		22E-2-4303	M111
			FUNCTION/SERVICE: CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE									
SI	2FI-977B	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
			FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI									

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLO LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2FI-971B	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/17 642'-0''	A 1 AUX	N/A		22E-2-4304	M111
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI												
SI	2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-231	22E-2-3203	Q004
FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS PLMP 2A												
SI	2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E-2-3203	Q005
FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS PUMP 2B												
SI	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958S48,48A	22E-2-3203	Q023
FUNCTION/SERVICE: PWR SUPPLY FOR SI SYS VLVS 2MOV-SI8800A,00C,01A,03A,08A,08D,13												
SI	2AP031	480V AUX BLDG ESS MCC 2381A	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A	75C247958 S49,50	22E-2-3203	Q024
FUNCTION/SERVICE:												
SI	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 S50-1	22E-2-3203	Q025
FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS VLV 2MOV-SI8800B,08C												
SI	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C247958 S1,42	22E-0-3058	Q026
FUNCTION/SERVICE: PWR SUPPLY FOR SI SYS VLVS 2MOV-SI8804B,06,07B,10B,11B,14,SI8923B -SI8923B												
SI	2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 S2,44	22E-0-3053	Q028
FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS VLVS 2MOV-SI8800D,-SI8923A												
SI	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/7 617	A 3 AUX	N/A	75C247958 SH.50	22E-2-3203	Q029
FUNCTION/SERVICE: PWR SUPPLY FOR SI SYS VLV 2MOV-SI8808B												
SI	2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
FUNCTION/SERVICE: PWR SUPPLY FOR SI SYS VLVS 2MOV-SI8801B,-SI8803B,-SI88809A 2MOV-SI8812A,-SI8804A,-SI8812B,-SI8811A												
SI	2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	Q032
FUNCTION/SERVICE: PWR SUPPLY FOR SAF INJ SYS VALVE 2MOV-SI8807A												

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2APO55	MOV HTRS- DIST. PNL-DIV	FISH-H 29	B/M-C-45B	X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	0038
		FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS MOV HTRS										
SI	2CB035	NSSS AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	5012
		FUNCTION/SERVICE:										
SI	2CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	5015
		FUNCTION/SERVICE:										
SI	2CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	5016
		FUNCTION/SERVICE:										
SI	2CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	5017
		FUNCTION/SERVICE:										
SI	2CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-0-3091	5018
		FUNCTION/SERVICE:										
SI	2CB087	INSTR DIST BUS 211	FISH-H		X-2329	119387	K/13 642	A 1 AUX	N/A		22E-0-3091	5019
		FUNCTION/SERVICE:										
SI	2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1 AUX	N/A	E-12942 SH.7	22E-0-3090	5032
		FUNCTION/SERVICE:										
SI	2CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.7	22E-0-3090	5033
		FUNCTION/SERVICE: PWR SUPPLY FOR SAF INJ SYS PUMPS AND VALVES										
SI	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	5034
		FUNCTION/SERVICE: CONT & INDIC FOR SI SYS PUMPS AND VALVES										
SI	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	5035
		FUNCTION/SERVICE: CONT & INDIC FPR SI SYS PUMPS AND VALVES										
SI	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.8	22E-0-3090	5036
		FUNCTION/SERVICE: CONT & INDIC FOR SI SYS PUMPS AND VALVES										

COMPONENT/EQUIPMENT ID SHEET													
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2CB012	MCB-BOP PORTION OF ESF	WEST		X-22005	382557	H/17 642	A	1	AUX	N/A E-12942 SH.8	22E-0-3090	S038
					FUNCTION/SERVICE:								
SI	2CB074	NSSE ANNUN RIY INPUT CAB	WEST		X-22005	382557	H/14 642	A	1	AUX	N/A 303211	22E-0-3091	S040
					FUNCTION/SERVICE:								
SI	2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642	A	1	AUX	N/A	22E-0-3091	S092
					FUNCTION/SERVICE:								
SI	2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642	A	1	AUX	N/A	22E-0-3091	S093
					FUNCTION/SERVICE:								
SI	2CB096	SAFEGUARDS TEST CAB A	WEST		X-22005	382557	G/11 642	A	1	AUX	N/A	22E-0-3091	S103
					FUNCTION/SERVICE:								
SI	2CB097	SAFEGUARDS TEST CAB B	WEST		X-22005	382557	G/11 642	A	1	AUX	N/A	22E-0-3091	S104
					FUNCTION/SERVICE:								
SI	2AB0350	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	L/17 560	A	11	AUX	N/A	22E-2-3208	X154
					FUNCTION/SERVICE:RHR SYS TO CHARG. PUMP VLV 2MOV-SI8804A								
SI	2AB0360	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	L/17 560	A	11	AUX	N/A	22E-2-3208	X155
					FUNCTION/SERVICE:RHR SYS TO SI PUMPS VLV 2MOV-SI8804B								
SI	2AB0430	JUNCTION BOX	LMTQ				M/17 560	A	11	AUX	N/A	22E-2-3208	X156
					FUNCTION/SERVICE:RECIRC. PUMP TO RHR PUMP 2B VLV 2MOV-SI8811B								
SI	2AB0431	JUNCTION BOX	LMTQ				M/17 560	A	11	AUX	N/A	22E-2-3208	X157
					FUNCTION/SERVICE:RECIRC. PUMP TO RHR PUMP 2A VLV 2MOV-SI8811A								
SW	2SW001	PUMP MOTOR UNIT	WEST	TYPE CS-V5A	X-2236		CC/106 594'-0''	P	1	CRIB	N/A	6542D10	M-32-1 C751
					FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR								
SW	2SW002	PUMP MOTOR UNIT	WEST	TYPE CS-V5A	X-2236		CC/104 594'-0''	P	1	CRIB	N/A	654, 310	M-32-1 C751
					FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR								

COMPONENT/EQUIPMENT ID SHEET

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*	SW 2SW003	PUMP MOTOR UNIT	WEST TYPE CS-V5A	X-2236		CC/102 594'-0''	P 1 CRIB	N/A	6542D10	M-32-1	C751
			FUNCTION/SERVICE: ACTUATES PUMP/SERVICE WATER PUMP MOTOR								
*	SW 2MOV-SW022	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2302		J/9 575'-0''	A 7 AUX	N/A	13-10-31129	M-32-2	C757
			FUNCTION/SERVICE: ACTUATES VALVE/DIESEL GEN. ISOLATION								
*	SW 2MOV-SW023	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2302		J/9 575'-0''	A 7 AUX	N/A	13-10-31129	M-32-2	C757
			FUNCTION/SERVICE: ACTUATES VALVE/DIESEL GEN. ISOLATION								
*	SW 2MOV-SW0001	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	G/18 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
			FUNCTION/SERVICE: ACTUATES VALVE/TO CONT. VENT COOLERS								
*	SW 2MOV-SW0002	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
			FUNCTION/SERVICE: ACTUATES VALVE/TO CONT. VENT COOLERS								
*	SW 2MOV-SW0003	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
			FUNCTION/SERVICE: ACTUATES VALVE/TO CONT. VENT COOLERS								
*	SW 2MOV-SW0004	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/23 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
			FUNCTION/SERVICE: ACTUATES VALVE/TO CONT. VENT COOLERS								
*	SW 2MOV-SW0005	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 368'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
			FUNCTION/SERVICE: ACTUATES VALVE/TO CONT. VENT COOLERS								
*	SW 2MOV-SW0006	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C759
			FUNCTION/SERVICE: ACTUATES VALVE/TO CONT. VENT COOLERS								
*	SW 2MOV-SW0111	VALVE MOTOR OPERATOR	RAMCON 300-BR-4	X-2254	103871	CC/102 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
			FUNCTION/SERVICE: ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER								
*	SW 2MOV-SW0112	VALVE MOTOR OPERATOR	RAMCON 300-BR-4	X-2254	103871	CC/102 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
			FUNCTION/SERVICE: ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER								
*	SW 2MOV-SW0113	VALVE MOTOR OPERATOR	RAMCON 300-BR-4	X-2254	103871	CC/102 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761
			FUNCTION/SERVICE: ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER								

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MODEL MFR NUMBER	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO	
SW 2MOV-SW0114	VALVE MOTOR OPERATOR	RAMCON 300-BR-4	X-2254	103871	CC/102 594'-0''	P 1 CRIB	N/A	Y-121275	M-32-1	C761	
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER											
SW 2MOV-SW0007	VALVE MOTOR OPERATOR	LMTQ SMB-03	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C763	
FUNCTION/SERVICE:ACTUATES VALVE/FROM CONTAINMENT VENT COOLERS											
SW 2MOV-SW0008	VALVE MOTOR OPERATOR	LMTQ SMB-00	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C763	
FUNCTION/SERVICE:ACTUATES VALVE, FROM CONTAINMENT VENT COOLERS											
SW 2MOV-SW0009	VALVE MOTOR OPERATOR	LMTQ SMB-00	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C763	
FUNCTION/SERVICE:ACTUATES VALVE/FROM CONTAINMENT VENT COOLERS											
SW 2MOV-SW0010	VALVE MOTOR OPERATOR	LMTQ SMB-00	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C763	
FUNCTION/SERVICE:ACTUATES VALVE/FROM CONTAINMENT VENT COOLERS											
SW 2MOV-SW0011	VALVE MOTOR OPERATOR	LMTQ SMB-00	X-2218	398321	L/17 560'-0''	A 7 AUX	N/A	037392-2	M-32-2	C763	
FUNCTION/SERVICE:ACTUATES VALVE/FROM CONTAINMENT VENT COOLERS											
SW 2PT-SW17	PRESSURE TRANSMITTER	F&P 50EP1071	X-2316		G/20 542'-0''	A 7 AUX	N/A		M-32,M-299	M502	
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATON											
SW 2PI-SW17	ELECTRICAL INDICATOR	WEST VX-252	X-2200		J/17 642'-0''	A 1 AUX	N/A			M503	
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATON											
SW 2PI-SW107	ELECTRICAL INDICATOR	WEST VX-252	X-2200		G/18 642'-0''	A 1 AUX	N/A			M503	
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATON											
SW 2AP006	4160V SWGR. ESS-BUS 247	ITE TYPE 5 HK-350	X-2240	103443	G/9 617	A 3 AUX	N/A	33-45122-E-	22E 2-3203	Q004	
FUNCTION/SERVICE:POWER FEED TO SW SYS PUMP 2A											
SW 2AP007	4160V SWGR. ESS-BUS 248	ITE TYPE 5 HK-350	X-2240	103443	G/7 617	A 3 AUX	N/A	33-45122-E-232	22E 2-3203	Q005	
FUNCTION/SERVICE:POWER FEED TO SW SYS PUMP 2B											
SW 2AP008	4160V SWGR. ESS-BUS 249	ITE TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E 2-3203	Q006	
FUNCTION/SERVICE:POWER FEED TO SW SYS PUMP 2C											

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PLANT ID	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 2A015	480V SWGR, ESS-BUS 239	WEST TYPE DS	X-2257	103870	H/6	A 3 AUX	N/A	591F616 595F319	22E-2-3203	0012
					617					
SW 2A030	480V AUX BLDG GE, ESS MCC 2371	7700 LINE	X-2260	103869	J/9	A 3 AUX	N/A	75C247958 SH.484	22E-2-3203	0023
					617					
SW 2A031	480V AUX BLDG GE, ESS MCC 2381	7700 LINE	X-2260	103869	J/8	A 3 AUX	N/A	75C247958 S49.50	22E-2-3203	0024
					617					
SW 2A033	480V AUX BLDG GE, ESS MCC 2391	7700 LINE	X-2260	103869	J/6	A 3 AUX	N/A	75C247958 551.52	22E-2-3203	0025
					617					
SW 2A035	480V AUX BLDG GE, ESS MCC 2383A	7700 LINE	X-2260	103869	G/12	A 7 AUX	N/A	75C247958 SH1.42	22E-0-3058	0026
					560					
SW 2A036	480V AUX BLDG GE, ESS MCC 2393A	7700 LINE	X-2260	103869	L/17	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	0027
					560					
SW 2A046	480V AUX BLDG GE, ESS MCC 2372	7700 LINE	X-2260	103869	K/12	A 7 AUX	N/A	75C247958 SH2.44	22E-0-3053	0028
					542					
SW 2A093	480V AUX BLDG GE, ESS MCC 2393C	7700 LINE	X-2260	103869	N/19	A 7 AUX	N/A		22E-0-3059	0032
					560					
SW 2A055	MOV HTRS-DIST, PNL-DIV 29	FISH-H B/M-C-458	X-2329	119387	P/20	A 7 AUX	N/A		22E-0-3059	0038
					560					
SW 2A032	480V CRIB HSE GE, ESS MCC 2382	7700 LINE	X-2260	103869	CC/103	F 1 CRIB	N/A	75C247958 SH.67	22E-2-3147	0054
					594					
SW 2A034	480V CRIB HSE GE, ESS MCC 2392	7700 LINE	X-2260	103869	BB/101	P 1 CRIB	N/A	75C247958 SH.68	22E-2-3147	0055
					594					
SW 2C8008	MCS-ESF DIV 27	WEST	X-22005	382557	H/17	A 1 AUX	N/A	E12942 SH.8	22E-0-3090	5034
					642					



COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 2CB009		MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E-12942 SH.8	22E-0-3090	S035
FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS VLVS & PUMPS													
SW 2CB010		MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1	AUX	N/A	E-12942 SH.8	22E-0-3090	S036
FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS VLVS & PUMPS													
SW 2CB074		NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14	A 1	AUX	N/A	303211	22E-0-3091	S040
FUNCTION/SERVICE:													
SW 2CE015		MCB AUTO CONTROL CAB	WEST		X-2316	113429	G/17 642	A 1	AUX	N/A		22E-0-3090	S082
FUNCTION/SERVICE:													
SW 2CB003		MCB-TURBINE	HARLO CORP.		X-2291	109918	G/19 642	A 1	AUX	N/A		22E-0-3090	S114
FUNCTION/SERVICE:													
SW 2CB071		MCB-DIES GEN 2A & AUX PWR	WE		X-22005	382557	G/20 642	A 1	AUX	N/A			S115
FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS VLVS													
SW 2CB072		MCB-DIES GEN 2B & AUX PWR	WE		X-22005	382557	G/20 642	A 1	AUX	N/A			S116
FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS VLVS													
SW 2LP24		ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A 3	AUX	N/A	E13064-SH01A	22E-2-3203	T007
FUNCTION/SERVICE:													
SW 2LP26		ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A 3	AUX	N/A	E13064-SH01B	22E-2-3203	T009
FUNCTION/SERVICE:													
SW 2LP28		ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A 3	AUX	N/A	E13064-SH01C	22E-2-3203	T011
FUNCTION/SERVICE:													
SW 2LP10		DIESEL GEN 2A DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/7 592	A 5	DG	N/A	G5-262-728-S01	22E-2-3202	T066
FUNCTION/SERVICE:													
SW 2LP12		DIESEL GEN 2B DIESEL START UP	COOPER BESSEMER		X-2246	105573	H/7 592	A 5	DG	N/A	G5-262-728-S01	22E-2-3202	T068
FUNCTION/SERVICE:													

COMPONENT/EQUIPMENT ID SHEET											
PLANT TO	COMPONENT/ EQUIPMENT	MODEL MFR	PROCCURE NUMBER	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO	
SY	NUMBER		SPEC				LEV				
SW 2LP30	CONMTM SPRAY PMP 1C DIESEL	DRESS INDUS	X-2247	105582	N/19 560	A 7 AUX	N/A		22E-0-3059	T075	
SW 2LP43	SW STRNR MASTER CONT PNL	ELLIOT	X-2254		28/105 594	P 1 CRIB		Y86931-501	22E-2-3147	T080	
											FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS STRAINERS
SW 2LP61	LOC CONT STA SWGR RM DIV 27	FISH H	X-2329	119387	J/9 617	A 3 AUX	N/A		22E-2-3203	T084	
											FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS
SW 2LP62	LOC CONT STA SWGR RM DIV 28	FISH-H	X-2329	119387	J/7 617	A 3 AUX	N/A		22E-2-3203	T085	
											FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS
SW 2LP63	LOC CONT STA SWGR RM DIV 29	FISH-H	X-2329	119387	J/6 617	A 3 AUX	N/A		22E-2-3203	T086	
											FUNCTION/SERVICE: CONTROL AND INDICATION FOR SW SYS PUMPS
SW 2CM008	COMPUTER CAB	WEST	X-22005	382557	K/15 642	A 6 AUX	N/A		22E-0-3091	U001	
											FUNCTION/SERVICE:
SW 2AB0042	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/17 560	A 7 AUX	N/A		22E-0-3057	X502	
											FUNCTION/SERVICE: AUX BLDG COOLER HEATER ISOLATION VLV OAOV-
SW 2AB0240	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	H/16 630	A 4 AUX	N/A		22E-0-3084	X529	
											FUNCTION/SERVICE: SW SYS PUMP 2A PRESSURE SWITCH 2PSL-SW146
SW 2AB0241	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X530	
											FUNCTION/SERVICE: SW SYS PUMP 2B PRESSURE SWITCH 2PSL-SW147
SW 2AB0242	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	G/16 630	A 4 AUX	N/A		22E-0-3084	X531	
											FUNCTION/SERVICE: SW SYS PUMP 2C PRESSURE SWITCH 2PSL-SW148
											FUNCTION/SERVICE: SW SYS BOOSTER PUMP 0A PRESSURE SWITCH OPSL-FP17
											FUNCTION/SERVICE: SW SYS STRAINER BACKWASH LINE SHUTOFF VLV OFCV-SW54
SW 2AB0450	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	G/8 630	A 4 AUX	N/A		22E-2-3204	X544	
											FUNCTION/SERVICE: DIESEL GEN 2A & 2B HEAT EXCHANGER SW SYS VLV OMOV-SW0009

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW	2AB0451	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	J/8 630	A 4 AUX	N/A		22E-2-3204	X545
												FUNCTION/SERVICE: DIESEL GEN 2A & 2B HEAT EXCHANGER SW SYS VLV OMOV-SW0010
SW	2CH0027	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/107 594	P 1 CRIB	N/A		22E-1-3147	X554
												FUNCTION/SERVICE: SW SYS PUMP 2A PRESSURE SWITCH 2PSL-SW146
SW	2CH0028	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/105 594	P 1 CRIB	N/A		22E-1-3147	X555
												FUNCTION/SERVICE: SW SYS PUMP 2B PRESSURE SWITCH 2PSL-SW147 FUNCTION/SERVICE: SW SYS BOOSTER PUMP ISOLATION VLV OMOV-SW0006
SW	2CH0029	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	BB/103 594	P 1 CRIB	N/A		22E-1-3147	X556
												FUNCTION/SERVICE: SW SYS PUMP 2C PRESSURE SWITCH 2PSL-SW148 FUNCTION/SERVICE: SW SYS BOOSTER PUMP 0A ISOL VLV OMOV-SW0005.006 & PRESSURE SWITCH OPSL-FP17 FUNCTION/SERVICE: SW SYS STRAINER BACKWASH LINE SHUTOFF VLV OFC-SW54
SW	2CH0031	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	CC/106 594	P 1 CRIB	N/A		22E-1-3147	X558
												FUNCTION/SERVICE: SW SYS PUMP 2A PRESSURE SWITCH 2PSL-SW146
SW	2CH0032	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	CC/104 594	P 1 CRIB	N/A		22E-1-3147	X559
												FUNCTION/SERVICE: SW SYS PUMP 2B PRESSURE SWITCH 2PSL-SW147
SW	2CH0033	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	CC/102 594	P 1 CRIB	N/A		22E-1-3147	X560
												FUNCTION/SERVICE: SW SYS PUMP 2C PRESSURE SWITCH 2PSL-SW148
SW	2K-2012	JUNCTION BOX		EB-214B			CC/106 594	P 1 CRIB	N/A		22E-0-3402	X562
												FUNCTION/SERVICE: SW SYS PUMP 2A MTR TC'S 2TE-SW01A.01B.01C
SW	2K-2013	JUNCTION BOX		EB-214B			CC/104 594	P 1 CRIB	N/A		22E-0-3402	X563
												FUNCTION/SERVICE: SW SYS PUMP 2B MTR TC'S 2TE-SW02A.02B.02C
SW	2K-2014	JUNCTION BOX		EB-214B			CC/102 594	P 1 CRIB	N/A		22E-0-3402	X564
												FUNCTION/SERVICE: SW SYS PUMP 2C MTR TC'S 2TE-SW03A.03B.03C
TV	2TV-001	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/10 617'-0''	A 3 AUX	N/A		M-380,M-658	F501
												FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	TV 2TV-002	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/8 617'-0''	A 3	AUX	N/A		M-380,M-658	F501
				FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL									
*	TV 2TV-003	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/7 617'-0''	A 3	AUX	N/A		M-380,M-658	F501
				FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL									
*	TV 2TV-009	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/7 592'-0''	A 5	DG	N/A		M-380,M-658	F502
				FUNCTION/SERVICE: DIESEL GENERATOR ROOM/TEMPERATURE CONTROL									
*	TV 2TV-010	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/6 592'-0''	A 5	DG	N/A		M-380,M-658	F502
				FUNCTION/SERVICE: DIESEL GENERATOR ROOM/TEMPERATURE CONTROL									
*	TV 2TV-012	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/6 642'-0''	T 1	TURB	N/A		M-380,M-658	F503
				FUNCTION/SERVICE: FUEL OIL ROOM/FUME EXHAUST									
*	TV 2TV-013	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/6 642'-0''	T 1	TURB	N/A		M-380,M-658	F503
				FUNCTION/SERVICE: FUEL OIL ROOM/FUME EXHAUST									
*	TV 2TV-151	VENT FAN MOTOR	GE	FT-108/375HP	X-2276		J/8 592'-0''	A 5	DG	N/A		M-380,M-658	F504
				FUNCTION/SERVICE: TURBINE BLDG VENT SYSTEM CONTROLS/AIR COMPRESSOR									
*	VC 2MOV-VC-LCV 112D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	M/17 577'-0''	A 11	AUX	N/A	1S-1028-3	M-518	B509
				FUNCTION/SERVICE: ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS									
*	VC 2MOV-VC-LCV 112E	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	M/17 577'-0''	A 11	AUX	N/A	1S-1028-3	M-518	B509
				FUNCTION/SERVICE: ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS									
*	VC 2FT-121	FLOW TRANSMITTER	F&P	10B2496	X-2200	104253	K/17 560'-0''	A 7	AUX	N/A		M-518,M-297	N301
				FUNCTION/SERVICE: CHARGING LINE FLOW CONTROL, INDICATION & ALARM/CHARGING LINE									
*	VC 2FI-121A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A 1	AUX	N/A		22E-2-4303	N302
				FUNCTION/SERVICE: CHARGING LINE FLOW INDICATION/CHARGING LINE									
*	VC 2APO06	4160V SWGR, ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/9 617	A 3	AUX	N/A	33-45122-E-231	22E-2-3203	Q004
				FUNCTION/SERVICE: POWER SUPPLY FOR CENT CHARGING PUMP 2B									

COMPONENT/EQUIPMENT I/C SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO.
VC 2A008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/6 617	A 3 AUX	N/A	33-45122-E-233	22E-2-3203	Q006
			FUNCTION/SERVICE:	POWER SUPPLY FOR CENT CHARGING PUMP 2A							
VC 2A014	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/7 617	A 3 AUX	N/A	591F616 591F671	22E-2-3203	Q011
			FUNCTION/SERVICE:	POWER SUPPLY FOR CENT CHARGING PUMP 2C							
VC 2A030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/9 617	A 3 AUX	N/A	75C247958 SH.48A	22E-2-3203	Q023
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS PUMPS AND VLVS 2LCV-112C, 2MOV-VC8105, 2VC023							
VC 2A031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/8 617	A 3 AUX	N/A	75C247958 49.50	22E-2-3203	Q024
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS VLV 2MOV-VC8104							
VC 2A033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/6 617	A 3 AUX	N/A	75C247958 50.51	22E-2-3203	Q025
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS PUMP 2VC024							
VC 2A035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A 7 AUX	N/A	75C250872 SH.1	22E-0-3058	Q026
			FUNCTION/SERVICE:								
VC 2A036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A 7 AUX	N/A	75C247958 SH.39	22E-0-3059	Q027
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS VLV 2MOV-VC8100, & PUMP 2VC006							
VC 2A046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A 7 AUX	N/A	75C247958 SH.44	22E-0-3053	Q028
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS PUMP 2VC007 & VLVS 2LCV-VC112D & 2VC024							
VC 2A092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A 7 AUX	N/A	75C247958 SH.40	22E-0-3059	Q031
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS VLVS 2LCV-VC112B, & HTR 2VC022							
VC 2A093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A 7 AUX	N/A	75C247958 SH.41	22E-0-3059	Q032
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS VLV 2LCV-VC112B AND HTR 2VC022							
VC 2A055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 29		X-2329	119387	P/20 560	A 7 AUX	N/A		22E-0-3059	Q038
			FUNCTION/SERVICE:	POWER SUPPLY FOR VC SYS MOV HTRS							
VC 2C035	NSSS AUX RLY RACK	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-0-3091	S012
			FUNCTION/SERVICE:								

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
VC	2CB075	PROC I&C COMP INPUT PNL 1	WEST		X-22005	382557	K/12 642	A 1 AUX	N/A		22E-O-3091	S013
		FUNCTION/SERVICE:										
VC	2CB076	PROC I&C COMP INPUT PNL 2	WEST		X-22005	382557	K/13 642	A 1 AUX	N/A		22E-O-3091	S014
		FUNCTION/SERVICE:										
VC	2CB077	PROC I&C RACK CONT GR 1	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S015
		FUNCTION/SERVICE:										
VC	2CB078	PROC I&C RACK CONT GR 2	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S016
		FUNCTION/SERVICE:										
VC	2CB079	PROC I&C RACK CONT GR 3	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S017
		FUNCTION/SERVICE:										
VC	2CB080	PROC I&C RACK CONT GR 4	WEST		X-22005	382557	H/12 642	A 1 AUX	N/A		22E-O-3091	S018
		FUNCTION/SERVICE:										
VC	2CB006	MCB-REACTOR CONTROL	WEST		X-22005	382557	G/18 642	A 1 AUX	N/A	E12943	22E-O-3090	S032
		FUNCTION/SERVICE: CONT & INDIC FOR VC SYS VLVS										
VC	2CB007	MCB-C&VC SYS	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.7	22E-O-3090	S033
		FUNCTION/SERVICE: CONT & INDIC FOR VC SYS VLVS & PUMPS										
VC	2CB008	MCB-ESF DIV 27	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S034
		FUNCTION/SERVICE:										
VC	2CB009	MCB-ESF DIV 28	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S035
		FUNCTION/SERVICE:										
VC	2CB010	MCB-ESF DIV 29	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E12942 SH.8	22E-O-3090	S036
		FUNCTION/SERVICE:										
VC	2CB012	MCB-BOP PORTION ESF	WEST		X-22005	382557	H/17 642	A 1 AUX	N/A	E-12942 SH.	22E-O-3090	S038
		FUNCTION/SERVICE:										

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COMPONENT/EQUIPMENT ID SHEET												
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 2CB074	NSSS ANNUN RLY INPUT CAB	WEST		X-22005	382557	H/14 642		A 1 AUX	N/A	303211	22E-0-3091	S040
				FUNCTION/SERVICE:								
VC 2CB030	RX PROT LOGIC A	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A		22E-0-3091	S090
				FUNCTION/SERVICE:								
VC 2CB032	ESF SAF ACT LOGIC A	WEST		X-22005	382557	H/12 642		A 1 AUX	N/A		22E-0-3091	S092
				FUNCTION/SERVICE:								
VC 2CB033	ESF SAF ACT LOGIC B	WEST		X-22005	382557	H/13 642		A 1 AUX	N/A		22E-0-3091	S093
				FUNCTION/SERVICE:								
VC 2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO CORP.		X-2305	123159	H/11 642		A 1 AUX	N/A		22E-0-3091	S102
				FUNCTION/SERVICE:								
VC 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617		A 3 AUX	N/A	E13064-SH01A	22E-2-3203	T007
				FUNCTION/SERVICE:								
VC 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617		A 3 AUX	N/A	E13064-SH01B	22E-2-3203	T009
				FUNCTION/SERVICE:								
VC 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617		A 3 AUX	N/A	E13064-SH01C	22E-2-3203	T011
				FUNCTION/SERVICE:								
VC 2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617		A 3 AUX	N/A	E13064-SH01F	22E-2-3203	T012
				FUNCTION/SERVICE:								
VC 2CM004	COMPUTER CAB. (I/O TERM)	WEST		X-22005	382557	K/16 642		A 6 AUX	N/A		22E-1-3400	U005
				FUNCTION/SERVICE:								
VC 2K-2009	J.B. ON INST. RACK NO.2RM40	WF JHN BARNES		X-2313	123157	K/17 560		A 7 AUX	N/A		22E-2-3408	W038
				FUNCTION/SERVICE:								
VC 2AB0308	JUNCTION BDX	FISH-H	EM-47150	X-2329	119387	K/14 630		A 4 AUX	N/A		22E-0-3100	X057
				FUNCTION/SERVICE:								
				FUNCTION/SERVICE: BORIC ACID BLEND PIPE FLOW TRANSMITTER 2FT-110; RID 3 & 31								
				FUNCTION/SERVICE: CONT FEED RC LETDOWN LINE TEMP IND CONT 2TIC129								
				FUNCTION/SERVICE: FEED BLENDING SYS FLOW IN TRANSMITTER 2FIT-111								
				FUNCTION/SERVICE: FEED SEAL WATER FLOW IND TRANSMITTER 2FIT-157,161								

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REVISION 2
DATE 22 AUG 80

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCUR SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	VC 2K-2015	PULL BOX		EB-214			L/19 594	A 7 AUX	N/A		22E-2-3408	X565
				FUNCTION/SERVICE: UPSTREAM CHG PUMP SUCTION (2FY-VC20)								
	VC 2K-2020	PULL BOX		EB-214			P/19 594	A 11 AUX	N/A		22E-2-3408	X566
				FUNCTION/SERVICE: UPSTREAM RC FILTER DISCH TO HOLD UP TANKS (2FY-VC23)								
	VC 2K-2202	JUNCTION BOX		EB-214			H/17 656	A 1 AUX	N/A		22E-0-340J	X570
				FUNCTION/SERVICE: SIGNAL BORIC ACID TO CHG PUMP FLOW INDICATOR								

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COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP	2EPO21	ELECT.PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2226G	22E-2-3206	R016
			FUNCTION/SERVICE: CONT CA PENET PWR FEED TO HTRS/VLVS 2MOV-SI8808B,-RH8702,3									
AP	2EPO49	ELECT.PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R021
			FUNCTION/SERVICE: CONT CA PENET PWR FEED TO HTRS/VLVS 2MOV-SI8808A8D,-SI8800A,C,D									
AP	2EPO51	ELECT.PENET. E 51	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R022
			FUNCTION/SERVICE: CONT CA PENET PWR FEED TO HTRS/VLVS 2MOV-RC8000A8B,-SI8808B&C									
AR	2RE-AR01	RADIATION DETECTOR	NMC	GA-2TM	X-2333		Z31 617'-0''	C 1	CONT		M-289	M802
			FUNCTION/SERVICE: ALARM & RECORDING/CONTAINMENT									
AR	2EPO45	ELECT.PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R019
			FUNCTION/SERVICE:									
CI	2EPO25	ELECT.PENET. E-25	D.G.O.	TYPE 5.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2228P	22E-2-3206	R028
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION									
CI	2EPO26	ELECT.PENET. E-26	D.G.O.	TYPE 5.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2228P	22E-2-3206	R030
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION									
CI	2EPO55	ELECT.PENET. E-55	D.G.O.	TYPE 5.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2228P	22E-2-3206	R032
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION									
CI	2EPO56	ELECT.PENET. E-56	D.G.O.	TYPE 5.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2228P	22E-2-3206	R034
			FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION									
CI	2EPO12	ELECT.PENET. E-12	D.G.O.	TYPE 2.3	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R052
			FUNCTION/SERVICE: POWER CABLE PENETRATION									
CI	2EPO60	ELECT.PENET. E-60	D.G.O.	TYPE 2.3	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2225P	22E-2-3206	R054
			FUNCTION/SERVICE: POWER CABLE PENETRATION									
CI	2EPO01	ELECT PENET E-1	D.G.O.	TYPE 1.1	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2222P	22E-2-3206	R088
			FUNCTION/SERVICE: POWER CABLE PENETRATION									

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COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2EPO03	ELECT PENET E-3	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R090
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO05	ELECT PENET E-5 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 630	C 1	CONT	ABV	22E-2-3206	R091
FUNCTION/SERVICE: SPARE CABLE PENET												
CI	2EPO07	ELECT PENET E-7	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R092
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO08	ELECT PENET E-8 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 630	C 1	CONT	ABV	22E-2-3206	R093
FUNCTION/SERVICE: SPARE CABLE PENET												
CI	2EPO09	ELECT PENET E-9	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R094
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO10	ELECT PENET E-10	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R095
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO11	ELECT PENET E-11	D.G.O.	TYPE 1.1	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2222P	22E-2-3206	R096
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO13	ELECT PENET E-13	D.G.O.	TYPE 5.2	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2438G	22E-2-3206	R097
FUNCTION/SERVICE: INSTRUMENT CABLE PENETRATION												
CI	2EPO14	ELECT PENET E-14 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 630	C 1	CONT	ABV	22E-2-3206	R098
FUNCTION/SERVICE: SPARE CABLE PENET												
CI	2EPO18	ELECT PENET E-18	D.G.O.	TYPE 1.1	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2222P	22E-2-3206	R099
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO19	ELECT PENET E-19	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R100
FUNCTION/SERVICE: POWER CABLE PENETRATION												
CI	2EPO20	ELECT PENET E-20	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV R19D2225P	22E-2-3206	R101
FUNCTION/SERVICE: POWER CABLE PENETRATION												

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/POW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2EPO23	ELECT PENET E-23 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 630	C 1	CONT	ABV		22E-2-3206	R102
			FUNCTION/SERVICE- SPARE		CABLE PENET								
CI	2EPO24	ELECT PENET E-24	D.G.O.	TYPE 2.1	X-2308	113967	M/17 630	C 1	CONT	ABV	R19D2223P	22E-2-3206	R103
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO28	ELECT PENET E-28	D.G.O.	TYPE 1.1	X-2308	113967	M/17 630	C 1	CONT	ABV	R19D2222P	22E-2-3206	R104
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO29	ELECT PENET E-29	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV	R19D2225P	22E-2-3206	R105
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO30	ELECT PENET E-30	D.G.O.	TYPE 2.3	X-2308	113967	M/17 630	C 1	CONT	ABV	R19D2225P	22E-2-3206	R106
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO31	ELECT PENET E-31	D.G.O.	TYPE 1.1	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2222P	22E-2-3206	R107
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO32	ELECT PENET E-32	D.G.O.	TYPE 2.3	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2225P	22E-2-3206	R108
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO33	ELECT PENET E-33	D.G.O.	TYPE 2.3	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2225P	22E-2-3206	R109
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO35	ELECT PENET E-35 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 617	C 1	CONT	ABV		22E-2-3206	R110
			FUNCTION/SERVICE- CABLE PENET										
CI	2EPO36	ELECT PENET E-36 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 617	C 1	CONT	ABV		22E-2-3206	R111
			FUNCTION/SERVICE- SPARE		CABLE PENET								
CI	2EPO37	ELECT PENET E-37	D.G.O.	TYPE 2.3	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2225P	22E-2-3206	R112
			FUNCTION/SERVICE: POWER CABLE PENETRATION										
CI	2EPO38	ELECT PENET E-38	D.G.O.	TYPE 1.1	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2222P	22E-2-3206	R113
			FUNCTION/SERVICE: POWER CABLE PENETRATION										



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2EPO39	ELECT PENET E-39 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 617	C 1	CONT	ABV		22E-2-3206	R114
		FUNCTION/SERVICE- SPARE CABLE PENET											
CI	2EPO41	ELECT PENET E-41	D.G.O.	TYPE 1.1	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2222P	22E-2-3206	R115
		FUNCTION/SERVICE: POWER CABLE PENETRATION											
CI	2EPO42	ELECT PENET E-42	D.G.O.	TYPE 2.3	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2225P	22E-2-3206	R116
		FUNCTION/SERVICE: POWER CABLE PENETRATION											
CI	2EPO43	ELECT PENET E-43	D.G.O.	TYPE 2.3	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2225P	22E-2-3206	R117
		FUNCTION/SERVICE: POWER CABLE PENETRATION											
CI	2EPO44	ELECT PENET E-44	D.G.O.	TYPE 2.3	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2225P	22E-2-3206	R118
		FUNCTION/SERVICE: POWER CABLE PENETRATION											
CI	2EPO48	ELECT PENET E-48	D.G.O.	TYPE 1.1	X-2308	113967	M/17 617	C 1	CONT	ABV	R19D2222P	22E-2-3206	R119
		FUNCTION/SERVICE: POWER CABLE PENETRATION											
CI	2EPO58	ELECT PENET E-58 (SPARE)	D.G.O.	SPARE	X-2308	113967	M/17 617	C 1	CONT	ABV		22E-2-3206	R120
		FUNCTION/SERVICE- SPARE CABLE PENET											
FW	2FT-0512	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z28 568'-0''	C 1	CONT	ABV		M-500,M-676	M201
		FUNCTION/SERVICE: SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP A STEAM											
FW	2FT-0513	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z28 568'-0''	C 1	CONT	BEL		M-500,M-676	M201
		FUNCTION/SERVICE: SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP A STEAM											
FW	2FT-0522	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z23 568'-0''	C 1	CONT	ABV		M-500,M-675	M201
		FUNCTION/SERVICE: SG LOOP C STEAM FLOW INDICATION & ALARM ,FEACT. TRIP, SI INITIATION/SG LOOP C STEAM											
FW	2FT-0523	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z23 568'-0''	C 1	CONT	BEL		M-500,M-675	M201
		FUNCTION/SERVICE: SG LOOP C STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP C STEAM											
FW	2FT-0532	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z21 568'-0''	C 1	CONT	ABV		M-500,M-674	M201
		FUNCTION/SERVICE: SG LOOP D STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM											

COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 2FT-0533	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z21 568'-0''	C 1	CONT BEL		M-500,M-674	M201
			FUNCTION/SERVICE:SG LOOP D STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM								
FW 2FT-0542	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z33 568'-0''	C 1	CONT ABV		M-500,M-677	M201
			FUNCTION/SERVICE:SG LOOP B STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP B STEAM								
FW 2FT-0543	FLOW TRANSMITTER	F&P	10B2491 VCBB-NS	X-2200	104253	Z33 568'-0''	C 1	CONT ABV		M-500,M-677	M201
			FUNCTION/SERVICE:SG LOOP B STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP B STEAM								
FW 2LT-0517	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z28 568'-0''	C 1	CONT BEL		M-502,M-676	M202
			FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL								
FW 2LT-0518	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z27 568'-0''	C 1	CONT BEL		M-502,M-676	M202
			FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL								
FW 2LT-0519	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z27 568'-0''	C 1	CONT ABV		M-502,M-676	M202
			FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL								
FW 2LT-0527	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z24 568'-0''	C 1	CONT BEL		M-502,M-675	M202
			FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP C LEVEL								
FW 2LT-0528	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z23 568'-0''	C 1	CONT BEL		M-502,M-675	M202
			FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP C LEVEL								
FW 2LT-0529	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z23 568'-0''	C 1	CONT BEL		M-502,M-675	M202
			FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP C LEVEL								
FW 2LT-0537	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z21 568'-0''	C 1	CONT BEL		M-502,M-675	M202
			FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP D LEVEL								
FW 2LT-0538	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z21 568'-0''	C 1	CONT BEL		M-502,M-675	M202
			FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP D LEVEL								
FW 2LT-0539	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z21 568'-0''	C 1	CONT ABV		M-502,M-675	M202
			FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP D LEVEL								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	2LT-0547	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z32 568'-0''	C 1	CONT BEL		M-502,M-675	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP B LEVEL												
FW	2LT-0548	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z31 568'-0''	C 1	CONT BEL		M-502,M-675	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP B LEVEL												
FW	2LT-0549	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z33 568'-0''	C 1	CONT ABV		M-502,M-675	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP B LEVEL												
FW	2EPO06	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	R013
FUNCTION/SERVICE: INSTRUMENTATION CABLE PENET. FOR RCP 2B SEAL LEAK OFF FLOW AND METER RTD'S												
FW	2EPO15	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	R014
FUNCTION/SERVICE: INSTRUMENTATION CABLE PENET. FOR RCP 2C SEAL LEAK OFF FLOW AND METER RTD'S												
FW	2EPO45	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT ABV R19D2227G		22E-2-3206	R019
FUNCTION/SERVICE: INSTRUMENTATION CABLE PENET. FOR RCP 2D SEAL LEAK OFF FLOW AND METER RTD'S												
FW	2EPO46	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT ABV R19D2227G		22E-2-3206	R020
FUNCTION/SERVICE: INSTRUMENTATION CABLE PENET. FOR RCP 2A SEAL LEAK OFF FLOW AND METER RTD'S												
FW	2X-2000	J.B. ON INST. RACK NO. 2RM19	WF JHN BARNES		X-2313	123157	Z33 568	C 1	CONT BEL		22E-2-3233	W008
FUNCTION/SERVICE:												
FW	2RM21	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z32 568	C 1	CONT BEL		22E-2-3233	W012
FUNCTION/SERVICE:												
FW	2X-2002	J.B. ON INST. RACK NO. 2RM22	WF JHN BARNES		X-2313	123157	Z33 568	C 1	CONT BEL		22E-2-3233	W014
FUNCTION/SERVICE:												
FW	2RM22	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z33 568	C 1	CONT BEL		22E-2-3233	W014
FUNCTION/SERVICE:												
FW	2X-2003	J.B. ON INST. RACK NO. 2RM23	WF JHN BARNES		X-2313	123157	Z31 568	C 1	CONT BEL		22E-2-3233	W016
FUNCTION/SERVICE:												

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 2RM23	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z31 568	C 1	CONT	BEL		22E-2-3233	W016
			FUNCTION/SERVICE:										
*	FW 2X-2004	J.B. ON INST. RACK NO. 2RM24	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT	BEL		22E-2-3232	W018
			FUNCTION/SERVICE:										
*	FW 2X-2005	J.B. ON INST. RACK NO. 1RM25	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT	BEL		22E-2-3232	W020
			FUNCTION/SERVICE:										
*	FW 2RM26	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT	BEL		22E-2-3232	W022
			FUNCTION/SERVICE:										
*	FW 2X-2007	J.B. ON INST. RACK NO. 2RM27	WF JHN BARNES		X-2313	123157	Z23 568	C 1	CONT	BEL		22E-2-3231	W024
			FUNCTION/SERVICE:										
*	FW 2RM27	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z23 568	C 1	CONT	BEL		22E-2-3231	W024
			FUNCTION/SERVICE:										
*	FW 2RM29	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z24 568	C 1	CONT	BEL		22E-2-3231	W028
			FUNCTION/SERVICE:										
*	FW 2X-2010	J.B. ON INST. RACK NO. 2RM30	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT	BEL		22E-2-3236	W030
			FUNCTION/SERVICE:										
*	FW 2X-2012	J.B. ON INST. RACK NO. 2RM32	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT	BEL		22E-2-3236	W032
			FUNCTION/SERVICE:										
*	FW 2RM32	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT	BEL		22E-2-3236	W032
			FUNCTION/SERVICE:										
*	FW 2X-2013	J.B. ON INST. RACK NO. 2RM33	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT	BEL		22E-2-3236	W034
			FUNCTION/SERVICE:										
*	FW 2RM33	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT	BEL		22E-2-3236	W034
			FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET											
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	2X-2014	J.B. ON INST. RACK NO. 2RM34	WF JHN BARNES	X-2313	123157	Z32 568	C 1	CONT BEL		22E-2-3236	W036
			FUNCTION/SERVICE:								
IP	2EPO17	ELECT. PENET. E-17	D.G.O. TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2226G		22E-2-3206	R015
			FUNCTION/SERVICE: CONTROL CABLE PENETRATION, REACTOR IN-CORE THERMOCOUPLES								
IP	2EPO21	ELECT. PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2226G		22E-2-3206	R016
			FUNCTION/SERVICE: CONTROL CABLE PENETRATION, ACCUMULATOR TANK 2A & 2C, LEVEL INSTRUMENTS 2LT-951,3								
IP	2EPO49	ELECT. PENET. E-49	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT ABV R19D2226G		22E-2-3206	R021
			FUNCTION/SERVICE: CONTROL CABLE PENETRATION, ACCUMULATOR TANK 2A & 2C, LEVEL INSTRUMENTS 2LT-950,2								
IP	2EPO51	ELECT. PENET. E-51	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT ABV R19D2226G		22E-2-3206	R022
			FUNCTION/SERVICE: CONTROL CABLE PENETRATION, ACCUMULATOR TANK 2B & 2D, LEVEL INSTRUMENTS 2LT-954,6								
IP	2EPO02	ELECT. PENET. E-2	D.G.O. TYPE 3.1	X-2308	113967	M/17 630	C 1	CONT ABV R19D2226G		22E-2-3206	R089
			FUNCTION/SERVICE: CONTROL CABLE PENETRATION, REACTOR IN-CORE THERMOCOUPLES								
IP	2NRO67	THERMOCOUPLE REF. TERM BOX NO. 1	WEST	X-22005	382557	Z28 603	C 1	CONT ABV		22E-2-3237	X421
			FUNCTION/SERVICE: CONTROL, REACTOR IN-CORE THERMOCOUPLES								
IP	2NRO68	THERMOCOUPLE REF. TERM BOX NO. 2	WEST	X-22005	382557	Z26 603	C 1	CONT ABV		22E-2-3236	X423
			FUNCTION/SERVICE: CONTROL, REACTOR IN-CORE THERMOCOUPLES								
MS	2EPO15	ELECT. PENET. E-15	D.G.O. TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	R014
			FUNCTION/SERVICE: INST CA PENET STEAM GEN 1A,B,C,D, LOOPS A,B,C,D MAIN STEAM FLOW								
MS	2EPO46	ELECT. PENET. E-46	D.G.O. TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT ABV R19D2227G		22E-2-3206	R020
			FUNCTION/SERVICE: INST CA PENET STEAM GEN 1A,B,C,D LOOPS A,B,C,D MAIN STEAM FLOW								
MS	2RM19	LOCAL INSTR RACK	WF JHN BARNES	X-2313	123157	Z33 568	C 1	CONT BEL		22E-2-3233	W008
			FUNCTION/SERVICE: STM GEN 2B LOOP B MAIN STEAM FLOW (2FT542)								
MS	2X-2000	J.B. ON INST. RACK NO. 2RM19	WF JHN BARNES	X-2313	123157	Z33 568	C 1	CONT BEL		22E-2-3233	W008
			FUNCTION/SERVICE: STM GEN 2B LOOP B MAIN STEAM FLOW (2FT542)								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	2X-2002	J.B. ON INST. RACK NO. 2RM22	WF JHN BARNES		X-2313	123157	Z33 568	C 1	CONT BEL		22E-2-3233	W014
			FUNCTION/SERVICE:						STM GEN 2B LOOP B MAIN STEAM FLOW (2FT543)			
MS	2RM24	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT BEL		22E-2-3232	W018
			FUNCTION/SERVICE:						STM GEN 2A LOOP A MAIN STEAM FLOW (2FT512)			
MS	2X-2004	J.B. ON INST. RACK NO. 2RM24	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT BEL		22E-2-3232	W018
			FUNCTION/SERVICE:						STM GEN 2A LOOP A MAIN STEAM FLOW (2FT512)			
MS	2X-2005	J.B. ON INST. RACK NO. 2RM25	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT BEL		22E-2-3232	W020
			FUNCTION/SERVICE:						STM GEN 2A LOOP A MAIN STEAM FLOW (2FT513)			
MS	2RM25	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z28 568	C 1	CONT BEL		22E-2-3232	W020
			FUNCTION/SERVICE:						STM GEN 2A LOOP A MAIN STEAM FLOW (2FT513)			
MS	2X-2007	J.B. ON INST. RACK NO. 2RM27	WF JHN BARNES		X-2313	123157	Z23 568	C 1	CONT BEL		22E-2-3231	W024
			FUNCTION/SERVICE:						STM GEN 2B LOOP B MAIN STEAM FLOW (2FT522)			
MS	2X-2008	J.B. ON INST. RACK NO. 2RM28	WF JHN BARNES		X-2313	123157	Z23 568	C 1	CONT BEL		22E-2-3231	W026
			FUNCTION/SERVICE:						STM GEN 2B LOOP B MAIN STEAM FLOW (2FT523)			
MS	2RM28	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z23 568	C 1	CONT BEL		22E-2-3231	W026
			FUNCTION/SERVICE:						STM GEN 2B LOOP B MAIN STEAM FLOW (2FT523)			
MS	2X-2010	J.B. ON INST. RACK NO. 2RM30	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT BEL		22E-2-3234	W030
			FUNCTION/SERVICE:						STM GEN 2D LOOP D MAIN STEAM FLOW (2FT532)			
MS	2RM30	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z20 568	C 1	CONT BEL		22E-2-3234	W030
			FUNCTION/SERVICE:						STM GEN 2D LOOP D MAIN STEAM FLOW (2FT532)			
MS	2RB0145	JUNCTION BOX	FISH-H EB-215		X-2329	119387	Z25 592	C 1	CONT ABV		22E-2-3248	X224
			FUNCTION/SERVICE:						STEAM GEN 2A ATMOS DUMP VLV 2MOV-MS0017			
MS	2RB0146	JUNCTION BOX	FISH-H EB-215		X-2329	119387	Z19 592	C 1	CONT ABV		22E-2-3248	X225
			FUNCTION/SERVICE:						STEAM GEN 2B ATMOS SUMP VLV 2MOV-MS0020			

COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDDR DRAWING	S&L DRAWING	COMP NO
RC	2MOV-RC8001A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z27 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8001B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z25 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8001C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z20 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8001D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z34 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8002A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z29 592'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8002B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z24 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8002C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z21 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8002D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z32 594'-0''	C 1	CONT ABV		M-516	CO01
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8003A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z28 583'-0''	C 1	CONT ABV	P-418658	M-516	CO02
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2MOV-RC8003B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z33 583'-0''	C 1	CONT ABV	P-418658	M-516	CO02
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2MOV-RC8003C	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z20 583'-0''	C 1	CONT ABV	P-418658	M-516	CO02
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2MOV-RC8003D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z25 583'-0''	C 1	CONT ABV	P-418658	M-516	CO02
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2MOV-RC8000A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z32 657'-0''	C 1	CONT ABV	88405-2	M-515	CO03
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER												
RC	2MOV-RC8000B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z32 657'-0''	C 1	CONT ABV	88405-2	M-515	CO03
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER												
RC	2PCV-455C	SOLENOID OPERATOR	ASCO	LB-831654	G-676270	091662	Z33 617'-0''	C 1	CONT ABV	S-131642R3	M-517	CO04
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER												
RC	2PCV-456	SOLENOID OPERATOR	ASCO	LB-831654	G-676270	091662	Z33 617'-0''	C 1	CONT ABV	S-131642R3	M-517	CO04
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER												
RC	2PCV-455C	LIMIT SWITCH	NAMCO	EA-180	G-676270	091662	Z33 617'-0''	C 1	CONT ABV	S-131642R3	M-517	CO05
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER												
RC	2PCV-456	LIMIT SWITCH	NAMCO	EA-180	G-676270	091662	Z33 617'-0''	C 1	CONT ABV	S-131642R3	M-517	CO05
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER												
RC	2MOV-RC8001A	LIMIT SWITCH	NAMCO	EA180			Z27 594'-0''	C 1	CONT ABV		M-516	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8001B	LIMIT SWITCH	NAMCO	EA180			Z25 594'-0''	C 1	CONT ABV		M-516	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8001C	LIMIT SWITCH	NAMCO	EA180			Z20 594'-0''	C 1	CONT ABV		M-516	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8001D	LIMIT SWITCH	NAMCO	EA180			Z34 594'-0''	C 1	CONT ABV		M-516	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL												
RC	2MOV-RC8002A	LIMIT SWITCH	NAMCO	EA180			Z29 592'-0''	C 1	CONT ABV		M-516	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8002B	LIMIT SWITCH	NAMCO	EA180			Z24 594'-0''	C 1	CONT ABV		M-516	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2MOV-RC8002C	LIMIT SWITCH	NAMCO	EA180			Z21 594'-0''	C 1	CONT ABV		M-516	C007
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8002D	LIMIT SWITCH	NAMCO	EA180			Z32 594'-0''	C 1	CONT ABV		M-516	C007
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP												
RC	2MOV-RC8003A	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z28 583'-0''	C 1	CONT ABV	P-418658	M-516	C007
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2MOV-RC8003B	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z33 583'-0''	C 1	CONT ABV	P-418658	M-516	C007
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2MOV-RC8003C	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z20 583'-0''	C 1	CONT ABV	P-418658	M-516	C007
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2MOV-RC8003D	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z25 583'-0''	C 1	CONT ABV	P-418658	M-52	C007
FUNCTION/SERVICE: ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 2MOV-RC8001 & 2MOV-RC8002												
RC	2LCV-RC459	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713	Z26 590'-0''	C 1	CONT ABV		M-54	C008
FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	2LCV-RC460	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713	Z26 590'-0''	C 1	CONT ABV		M-517	C008
FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	2LCV-RC459	LIMIT SWITCH	NAMCO	EA-180	676270	091713	Z26 590'-0''	C 1	CONT ABV		M-54	C009
FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	2LCV-RC460	LIMIT SWITCH	NAMCO	EA-180	676270	091713	Z26 590'-0''	C 1	CONT ABV		M-517	C009
FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP COLD LEG TO RHX												
RC	2LT-459	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z33 568'-0''	C 1	CONT ABV		M-516, M-677	M301
FUNCTION/SERVICE: PRZR. LEVEL INDICATION & ALARM, HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/RDW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2LT-460	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z33 568'-0''	C 1 CONT	BEL		M-516,M-677	M301
FUNCTION/SERVICE: PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC	2LT-461	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z31 568'-0''	C 1 CONT	ABV		M-516,M-677	M301
FUNCTION/SERVICE: PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC	2FT-414	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z28 568'-0''	C 1 CONT	BEL		M53,M350	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP A												
RC	2FT-415	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z27 568'-0''	C 1 CONT	ABV		M515,M-676	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP A												
RC	2FT-416	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z29 568'-0''	C 1 CONT	ABV		M515,M-676	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP A												
RC	2FT-424	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z23 568'-0''	C 1 CONT	ABV		M515,M-676	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP C												
RC	2FT-425	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z23 568'-0''	C 1 CONT	ABV		M515,M-675	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP C												
RC	2FT-426	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z23 568'-0''	C 1 CONT	BEL		M515,M-675	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP C												
RC	2FT-434	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z21 568'-0''	C 1 CONT	BEL		M516,M-674	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP D												
RC	2FT-435	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z21 568'-0''	C 1 CONT	BEL		M516,M-674	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP D												
RC	2FT-436	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z21 568'-0''	C 1 CONT	ABV		M516,M-674	M302
FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP D												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 2FT-444	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z33 568'-0''	C 1	CONT BEL		M516,M-677	M302
				FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B								
*	RC 2FT-445	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z33 568'-0''	C 1	CONT BEL		M516,M-677	M302
				FUNCTION/SERVICE: RC LOOP A FLO INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B								
*	RC 2FT-446	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z31 568'-0''	C 1	CONT ABV		M516,M-677	M302
				FUNCTION/SERVICE: RC LOOP A LOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B								
*	RC 2PT-0455	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z33 568'-0''	C 1	CONT. ABV		M-516,M-677	M303
				FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE								
*	RC 2PT-0456	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z33 568'-0''	C 1	CONT. ABV		M-516,M-677	M303
				FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE								
*	RC 2PT-0457	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z31 568'-0''	C 1	CONT. ABV		M-516,M-677	M303
				FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE								
*	RC 2PT-0458	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200	104253	Z33 568'-0''	C 1	CONT. ABV		M-516,M-677	M303
				FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE								
*	RC 2TE-0411A	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z8 568'-0''	C 1	CONT ABV		M-515	M304
				FUNCTION/SERVICE: LOOP A HOT LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A HOT LEG								
*	RC 2TE-0411B	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z8 568'-0''	C 1	CONT ABV		M-515	M304
				FUNCTION/SERVICE: LOOP A COLD LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A COLD LEG								
*	RC 2TE-0421A	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	Z5 568'-0''	C 1	CONT ABV		M-515	M304
				FUNCTION/SERVICE: LOOP C HOT LEG TEMP INDICATION& ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C HOT LEG								



COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	RC 27E-0421B	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	25 568'-0''	C 1	CONT ABV		M-515	M304
*												
*												
*	RC 27E-0441A	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	24 568'-0''	C 1	CONT ABV		M-516	M304
*												
*												
*	RC 27E-0441B	RTD	SOSTMN	100 OHM PLATINUM	X-2200	089212	24 568'-0''	C 1	CONT ABV		M-516	M304
*												
*												
*	RC 27E-0431A	RTD	ROSE-MOUNT	176KF REV H	X-2200	089212	29 568'-0''	C 1	CONT ABV		M-516	M308
*												
*												
*	RC 27E-0431B	RTD	ROSE-MOUNT	176KF REV H	X-2200	089212	29 568'-0''	C 1	CONT ABV		M-516	M308
*												
*												
*	RC 2PT-403	PRESSURE TRANSMITTER	F&P	50EP1041	244406		228 568'-0''	C 1	CONT ABV		M-62	M309
*												
*												
*	RC 2PT-405	PRESSURE TRANSMITTER	F&P	50EP1041	244406		223 568'-0''	C 1	CONT ABV		M-62	M309
*												
*												
*	RC 2EPO06	ELECT PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	RO13
*												
*												
*	RC 2EPO15	ELECT PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	RO14
*												
*												
*	RC 2EPO21	ELECT PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2225G		22E-2-3206	RO16
*												
*												

COMPONENT/EQUIPMENT ID SHEET

*5Y	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 2EPO45	ELECT PENET. E-45	D.G.O. TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R019	
FUNCTION/SERVICE: INST. CABLE PENET., RC SYS PROCESS RTD HOT & COLD LEG LOOP D, LOOP A-D FLOW. RC SYS PRZR. PRESS. PRZR SPRAY LINE LOOP D TEMP											
RC 2EPO46	ELECT PENET. E-46	D.G.O. TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R020	
FUNCTION/SERVICE: INST. CABLE PENET., RC SYS PROCESS RTD HOT & COLD LEG LOOP A-D, RC SYS LOOPS A-D FLOW AND PRZR PRESS											
RC 2EPO49	ELECT PENET. E-49	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R021	
FUNCTION/SERVICE: CONTROL CABLE PENET., PRESS HTR BACK UP GROUP C, RC SYS LOOPS A-D STOP VLVS LEAKOFF FLOW											
RC 2EPO51	ELECT PENET. E-51	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R022	
FUNCTION/SERVICE: CONTROL CABLE PENET., POWER RELIEF ISOL. VLVS 2MOV-RC8000A&B, PRZR RELIEF TANK DRAIN STOP VLV 2ADV-RC8031, PRESS HTR CONT GROUP B, RC LOOPS A-D STOP VLVS LEAK OFF FLOW											
RC 2EPO52	ELECT PENET. E-52	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R023	
FUNCTION/SERVICE: CONTROL CABLE PENET., RTD MANIFOLD BYPASS LOOPS B&D, FLOW LOOPS A-D, DRAIN LINE STOP VLVS 2ADV-RC88034D, 2ADV-RC8035A, B, C, D											
RC 2EPO27	ELECT PENET. E-27	D.G.O. TYPE 2.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2223P	22E-2-3206	R038	
FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER CONTROL GROUP B											
RC 2EPO40	ELECT PENET. E-40	D.G.O. TYPE 2.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2223P	22E-2-3206	R040	
FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER BACKUP GROUP C											
RC 2EPO47	ELECT PENET. E-47	D.G.O. TYPE 2.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2223P	22E-2-3206	R042	
FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER BACK UP GROUP A											
RC 2EPO50	ELECT PENET. E-50	D.G.O. TYPE 2.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2223P	22E-2-3206	R044	
FUNCTION/SERVICE: POWER CABLE PENET., PRESS HEATER BACK UP GROUP C											
RC 2EPO53	ELECT PENET. E-53	D.G.O. TYPE 2.3	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2225P	22E-2-3206	R046	
FUNCTION/SERVICE: POWER CABLE PENET., PRZR RELIEF VLVS 2MOV-RC80 00A&B											

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2EP057	ELECT PENET. E57	D.G.O.	TYPE 2.1	X-2308	113967	M/12 617	C 1	CONT	ABV	22E-2-3206	R050
		FUNCTION/SERVICE: POWER CABLE PENET., PRZR HEATER BACKUP GROUP A										
RC	2LP37	PRES HTR CONT GROUP B	WEST		X-2257	103870	P/14 617	C 1	CONT	ABV	22E-2-3242	T022
		DIST PANEL FUNCTION/SERVICE:										
RC	2LP38	PRES HTR CONT GROUP A	WEST		X-2257	103870	P/14 617	C 1	CONT	ABV	22E-2-3242	T024
		DIST PANEL FUNCTION/SERVICE:										
RC	2LP39	PRES HTR CONT GROUP C	WEST		X-2257	103870	P/14 617	C 1	CONT	ABV	22E-2-3242	T026
		DIST PANEL FUNCTION/SERVICE:										
RC	2LP40	PRES HTR TERM CAB GRP A & B	WEST		X-2257	103870	P/14 617	C 1	CONT	ABV	22E-2-3242	T028
		FUNCTION/SERVICE:										
RC	2RB0084	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z20 590	C 1	CONT	ABV	22E-2-3239	X017
		FUNCTION/SERVICE: CONTROL RC SYS VLVS 2MDV-RC0001C, 2C, 3C										
RC	2RB0007	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z20 568	C 1	CONT	BEL	22E-2-3234	X208
		FUNCTION/SERVICE: LOOP D FILL HEADER VLV 2ADV-RC8034C, EXCESS LETDOWN FROM LOOP D SLS 2ADV-RC8035C										
RC	2RB0079	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	Z28 590	C 1	CONT	ABV	22E-2-3237	X209
		FUNCTION/SERVICE: CONTROL RC SYS VLVS 2MDV-RC0001A, 2A, 3A										
RC	2RB0080	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28 590	C 1	CONT	ABV	22E-2-3237	X210
		FUNCTION/SERVICE: CONTROL RC SYS VLVS 2MDV-RC0001A, 2A, 3A										
RC	2RB0081	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z24 590	C 1	CONT	ABV	22E-2-3236	X211
		FUNCTION/SERVICE: CONTROL RC SYS VLVS 2MDV-RC0001B, 2B, 3B										
RC	2RB0082	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 590	C 1	CONT	ABV	22E-2-3236	X212
		FUNCTION/SERVICE: CONTROL RC SYS VLVS 2MDV-RC0001B, 2B, 3B										
RC	2RB0083	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z19 590	C 1	CONT	ABV	22E-2-3239	X213
		FUNCTION/SERVICE: CONTROL RC SYS VLVS 2MDV-RC0001C, 2C, 3C										

COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 2RBO085	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z33 590	C 1	CONT ABV		22E-2-3238	X214
RC 2RBO086	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z34 590	C 1	CONT ABV		22E-2-3238	X215
RC 2RBO104	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z24 568	C 1	CONT BEL		22E-2-3231	X216
RC 2RBO106	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z26 590	C 1	CONT ABV		22E-2-3236	X217
RC 2RBO107	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z26 590	C 1	CONT ABV		22E-2-3236	X218
RC 2RBO111	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28 568	C 1	CONT BEL		22E-2-3232	X219
RC 2RBO112	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z33 568	C 1	CONT BEL		22E-2-3233	X220
RC 2RBO119	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z32 568	C 1	CONT BEL		22E-2-3243	X221
RC 2RBO128	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z34 568	C 1	CONT BEL		22E-2-3233	X222
RC 2RBO129	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z33 568	C 1	CONT BEL		22E-2-3233	X223
RC 2RBO202	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	Z28 568	C 1	CONT BEL		22E-2-3232	X226
RC 2RBO207	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	Z24 568	C 1	CONT BEL		22E-2-3232	X227

COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 2RBO208	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z20 568	C 1	CONT	BEL		22E-2-3232	X228
		FUNCTION/SERVICE: RC SYS PROCESS RTD HOT AND COLD LEG LOOP D									
RC 2RBO214	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z33 568	C 1	CONT	BEL		22E-2-3232	X229
		FUNCTION/SERVICE: RC SYS PROCESS RTD HOT AND COLD LEG LOOP B									
RC 2RBO341	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z28 568	C 1	CONT	BEL		22E-2-3232	X231
		FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP (2TE-413A)									
RC 2RBO342	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z28 568	C 1	CONT	BEL		22E-2-3232	X232
		FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP A (2TE-413B)									
RC 2RBO343	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z26 568	C 1	CONT	BEL		22E-2-3231	X233
		FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP C (2TE-423A)									
RC 2RBO344	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z24 568	C 1	CONT	BEL		22E-2-3231	X234
		FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP C (2TE-423B)									
RC 2RBO345	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z19 568	C 1	CONT	BEL		22E-2-3234	X235
		FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP D (2TE-433A)									
RC 2RBO346	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z19 568	C 1	CONT	BEL		22E-2-3234	X236
		FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP D (2TE-433B)									
RC 2RBO347	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z34 568	C 1	CONT	BEL		22E-2-3233	X237
		FUNCTION/SERVICE: RC SYS PROCESS RTD HOT LEG LOOP B (2TE-443A)									
RC 2RBO348	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z33 568	C 1	CONT	BEL		22E-2-3233	X238
		FUNCTION/SERVICE: RC SYS PROCESS RTD COLD LEG LOOP B (2TE-443B)									
RC 2RBO409	JUNCTION BOX	FISH-H EB-214	X-2329	119387	310 DEG 568	C 1	CONT	BEL		22E-2-3233	X240
		FUNCTION/SERVICE: RC SYS PRZR INST 2PC-455F, 2PCV-RC006									
RC 2RBO410	JUNCTION BOX	FISH-H EB-214	X-2329	119387	Z30 568	C 1	CONT	BEL		22E-2-3232	X241
		FUNCTION/SERVICE: PRZR RELIEF VALVE 2PCV-RC455C									

COMPONENT/EQUIPMENT ID SHEET													
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*	RC 2RBO411	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	232 578	C 1	CONT	ABV		22E-2-3232	X242
					FUNCTION/SERVICE: FUTURE, NOT USED								
*	RC 2RBO412	JUNCTION BOX	FISH-H	EB-214	X-2329	119387	233 617	C 1	CONT	ABV		22E-2-3243	X575
					FUNCTION/SERVICE: PRZR RELIEF VLV 2PCV-RC455C								
*	RH 2MOV-RH8701	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103273	230 583'-0''	C 1	CONT	ABV E-1-144831		M-520	A255
					FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP								
*	RH 2MOV-RH8702	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103273	228 579'-0''	C 1	CONT	ABV E-1-144831		M-520	A255
					FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP								
*	RH 2MOV-RH8703	VALVE MOTOR OPERATOR	LMTQ	SMB-2	G-676258	103273	230 583'-0''	C 1	CONT	ABV E-1-144831		M-520	A256
					FUNCTION/SERVICE: ACTUATES VALVE/FROM RHR PUMP TO LOOP HOT LEG								
*	RH 2EPO21	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2226G		22E-2-3206	RO16
					FUNCTION/SERVICE: CONTROL CABLE PENET FOR RHR SYS VLVS 2MOV-RH8702, 2MOV-RH8703, 2ADV-RH9009C								
*	RH 2EPO22	ELECT. PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2224P		22E-2-3206	RO17
					FUNCTION/SERVICE: POWER CABLE PENET FOR RHR SYS VLV 2MOV-RH8702, 2MOV-RH8703								
*	RH 2EPO51	ELECT. PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G		22E-2-3206	RO22
					FUNCTION/SERVICE: CONTROL CABLE PENET FOR RHR SYS VLV 2MOV-RH8701								
*	RH 2EPO54	ELECT. PENET. E-54	D.G.O.	TYPE 2.2	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2224P		22E-2-3206	RO48
					FUNCTION/SERVICE: POWER CABLE PENET FOR RHR SYS VLV 2MOV-RH8701								
*	RH 2RBO313	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	230 568	C 1	CONT	BEL		22E-2-3232	X093
					FUNCTION/SERVICE: LOOP A CHECK VLV TEST LINE 2ADV-RH9008A								
*	RH 2RBO314	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	230 568	C 1	CONT	BEL		22E-2-3232	X094
					FUNCTION/SERVICE: RHR TO HOT LEG CHECK VLV TEST LINE 2ADV-RH9009C								
*	RH 2RBO360	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	231 568	C 1	CONT	BEL		22E-2-3233	X095
					FUNCTION/SERVICE: LOOP D CHECK VLV TEST LINE 2ADV-RH9008B								

COMPONENT/EQUIPMENT ID SHEET												
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RV	2ADV-RV0001	SOLENOID OPERATOR	ASCO	NP-1	X-2302	109905	Z28 617'-0"	C 1	CONT	ABV	M-536	D100
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												
RV	2ADV-RV0003	SOLENOID OPERATOR	ASCO	NP-1	X-2302	109905	Z28 617'-0"	C 1	CONT	ABV	M-536	D100
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												
RV	2ADV-RV0001	LIMIT SWITCH	NAMCO	EA180	X-2302	109905	Z28 617'-0"	C 1	CONT	ABV	M-536	D101
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												
RV	2ADV-RV0003	LIMIT SWITCH	NAMCO	EA180	X-2302	109905	Z28 617'-0"	C 1	CONT	ABV	M-536	D101
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT AIR ISOLATION VALVE												
RV	2RV001	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234	105577	Z24 590'-0"	C 1	CONT.	ABV	5298D31	M-535,M-302 F001
FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL												
RV	2RV002	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234	105577	Z23 590'-0"	C 1	CONT.	ABV	5298D31	M-535,M-302 F001
FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL												
RV	2RV003	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234	105577	Z20 590'-0"	C 1	CONT.	ABV	5298D31	M-535,M-302 F001
FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL												
RV	2RV004	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234	105577	Z34 580'-0"	C 1	CONT.	ABV	5298D31	M-535,M-302 F001
FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL												
RV	2RV005	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234	105577	Z31 590'-0"	C 1	CONT.	ABV	5298D31	M-535,M-302 F001
FUNCTION/SERVICE:CONTAINMENT/TEMPERATURE CONTROL												
RV	2SV-RV100	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z34 590'-0"	C 1	CONT.	ABV		I401
FUNCTION/SERVICE:RCFC 2D ACCIDENT FLOW INLET DAMPER CONTROL												
RV	2SV-RV101	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	Z34 590'-0"	C 1	CONT.	ABV		I401
FUNCTION/SERVICE:RCFC 2D NORMAL FLOW INLET DAMPER CONTROL												
RV	2SV-RV102	3 W/ SOLEN. VALVE	ASCO	8300	X-2234	105577	Z34 590'-0"	C 1	CONT.	ABV		I401
FUNCTION/SERVICE:RCFC 2D ACCIDENT FLOW OUTLET DAMPER CONTROL												

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV 25V-RV103	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	732 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2E ACCIDENT FLOW INLET DAMPER CONTROL
RV 25V-RV104	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	732 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2E NORMAL FLOW INLET DAMPER CONTROL
RV 25V-RV105	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	732 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2E ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 25V-RV91	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	724 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2A ACCIDENT FLOW INLET DAMPER CONTROL
RV 25V-RV92	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	724 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2A NORMAL FLOW INLET DAMPER CONTROL
RV 25V-RV93	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	724 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2A ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 25V-RV94	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	722 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2B ACCIDENT FLOW INLET DAMPER CONTROL
RV 25V-RV95	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	722 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2B NORMAL FLOW INLET DAMPER CONTROL
RV 25V-RV96	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	722 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2B ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 25V-RV97	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	719 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2C ACCIDENT FLOW INLET DAMPER CONTROL
RV 25V-RV98	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	719 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2C NORMAL FLOW INLET DAMPER CONTROL
RV 25V-RV99	3 WAY SOLEN. VALVE	ASCO	8300	X-2234	105577	719 590'-0''	C 1	CONT.	ABV		1401
											FUNCTION/SERVICE:RCFC 2C ACCIDENT FLOW OUTLET DAMPER CONTROL

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RV 2ME-RV42		HUMIDITY SENSOR	TAYLOR 10H5	X-2 86	123163	Z30 625'-0''	C 1	CONT ABV		M-535	M901
			FUNCTION/SERVICE: CONTAINMENT REGION A RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION A								
RV 2ME-RV43		HUMIDITY SENSOR	TAYLOR 10H5	X-2286	123163	Z18 625'-0''	C 1	CONT ABV		M-537	M901
			FUNCTION/SERVICE: CONTAINMENT REGION B RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION B								
RV 2ME-RV44		HUMIDITY SENSOR	TAYLOR 10H5	X-2286	123163	Z20 625'-0''	C 1	CONT ABV		M-537	M901
			FUNCTION/SERVICE: CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION C								
RV 2TE-RV42		RTD	ELEC. 3-WIRE THERMO	X-2242		Z33 617'-0''	C 1	CONT ABV		M-537	M904
			FUNCTION/SERVICE: CONTAINMENT REGION A TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION A								
RV 2TE-RV43		RTD	ELEC. 3-WIRE THERMO	X-2242		Z21 617'-0''	C 1	CONT ABV		M-537	M904
			FUNCTION/SERVICE: CONTAINMENT REGION B TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION B								
RV 2TE-RV44		RTD	ELEC. 3-WIRE THERMO	X-2242		Z25 617'-0''	C 1	CONT ABV		M-537	M904
			FUNCTION/SERVICE: CONTAINMENT REGION C TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION C								
RV 2EPO15		ELECT. PENET. E-15	D.G.O. TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	RO14
			FUNCTION/SERVICE: INSTR CABLE PENET FOR RV SYS FAN COOLER MTR RTD'S								
			FUNCTION/SERVICE: INSTR CABLE PENET FOR RX CAVITY VENT FAN TEMP & CRD FAN TEMP								
RV 2EPO21		ELECT. PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2226G		22E-2-3206	RO16
			FUNCTION/SERVICE: CONTROL CABLE PENET FOR RV SYS RX CONTMT FAN COOLERS 2A & D								
RV 2EPO22		ELECT. PENET. E-22	D.G.O. TYPE 2.2	X-2308	113967	M/12 630	C 1	CONT ABV R19D2224P		22E-2-3206	RO17
			FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 2D (2RV004)								
RV 2EPO34		ELECT. PENET. E-34	D.G.O. TYPE 2.2	X-2308	113967	M/12 617	C 1	CONT ABV R19D2224P		22E-2-3206	RO18
			FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 2B (2RV002)								
RV 2EPO45		ELECT. PENET. E-45	D.G.O. TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT ABV R19D2227G		22E-2-3206	RO19
			FUNCTION/SERVICE: INSTR CA PENET FOR RV SYS CONTMT COOL FAN 2B 2E MTR RTD'S, PURGE								
			FUNCTION/SERVICE: & REL INST 2ME-RV42, 2ME-RV43, 2ME-RV44, 2TE-RV42, 2TE-RV43, 2TE-RV44								
			FUNCTION/SERVICE: INSTR CA PENET FOR CONTMT FAN COOLERS FAN 2A, B, D, E TEMP S								

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV	2EPO46	ELECT.PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3200	RO20
		FUNCTION/SERVICE: INSTR CA PENET FOR RV SYS CONTMT COOL FAN 2C MTR RTD'S										
RV	2EPO49	ELECT.PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	RO21
		FUNCTION/SERVICE: CONTROL CABLE PENET FOR RV SYS CONTMT COOL FAN 2C CONTROL										
		FUNCTION/SERVICE: CONT CA PENET FOR CONTMT PRES & VACUUM RELIEF ISOL VLV 2RVOO1.3										
RV	2EPO51	ELECT.PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	RO22
		FUNCTION/SERVICE: CONTROL CABLE PENET FOR RV SYS CONTMT COOL FANS 2B & 2E										
RV	2EPO59	ELECT.PENET. E-59	D.G.O.	TYPE 2.2	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2224P	22E-2-3206	RO24
		FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 2C										
RV	2EPO04	ELECT PENET E-4	D.G.O.	TYPE 2.2	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2224P	22E-2-3206	RO26
		FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 2A (2RVOO1)										
RV	2EPO54	ELECT PENET E-54	D.G.O.	TYPE 2.2	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2224P	22E-2-3206	RO48
		FUNCTION/SERVICE: POWER CABLE PENET FOR CONTMT COOL FAN 2E (2RVOO5)										
RV	2RBO025	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z33 590	C 1	CONT	ABV	22E-2-3238	X085
		FUNCTION/SERVICE: CONTAINMENT FAN COOLER DAMPER 2RVOO5 SOL. CONTROL 2SV-RV103.4,5										
		FUNCTION/SERVICE: CONTROL CABLE PENET FOR RV SYS CONTMT PRESS & VACUUM RELIEF ISOL VLVS 2RVOO1.3										
		FUNCTION/SERVICE: INSTR CABLE PENET FOR RX CAVITY VENT FAN TEMP & CRD FAN TEMP										
		FUNCTION/SERVICE: INSTR CA PENET FOR RV SYS CONTMT FAN COOLERS 2A,B,D,E TEMP										
RV	2RBO021	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 590	C 1	CONT	ABV	22E-2-3236	X086
		FUNCTION/SERVICE: CONTAINMENT FAN COOLER DAMPER 2RVOO1 SOL. CONTROL 2SV-RV91.2,3										
RV	2RBO022	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z21 590	C 1	CONT	ABV	22E-2-3239	X087
		FUNCTION/SERVICE: CONTAINMENT FAN COOLER DAMPER 2RVOO2 SOL. CONTROL 2SV-RV94.5,6										
RV	2RBO023	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z19 590	C 1	CONT	ABV	22E-2-3239	X088
		FUNCTION/SERVICE: CONTAINMENT FAN COOLER DAMPER 2RVOO3 SOL. CONTROL 2SV-RV97.8,9										
RV	2RBO024	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z33 590	C 1	CONT	ABV	22E-2-3238	X089
		FUNCTION/SERVICE: CONTAINMENT FAN COOLER DAMPER 2RVOO4 SOL. CONTROL 2SV-RV100.1,2										

COMPONENT/EQUIPMENT ID SHEET

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RV	2R8000B	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28 617	C 1	CONT	ABV	22E-2-3242	X243
FUNCTION/SERVICE: CONTAINMENT PURGE ISOL VLVs 2SVRV63, 2SV-PP36A, 2SVRV69, 2SV-PP35A												
SI	2MOV-S18800A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z30 578'-0''	C 1	CONT	ABV 136-117-1	M-521	A008
FUNCTION/SERVICE: ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK												
SI	2MOV-S18800B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z26 578'-0''	C 1	CONT	ABV 136-117-1	M-521	A008
FUNCTION/SERVICE: ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK												
SI	2MOV-S18800C	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z34 578'-0''	C 1	CONT	ABV 137-117-1	M-521	A008
FUNCTION/SERVICE: ACTUATES VALVE/TO BORON INJ. TANK TO LOOP COLD LEG												
SI	2MOV-S18800D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	91710	Z31 578'-0''	C 1	CONT	ABV 137-117-1	M-521	A008
FUNCTION/SERVICE: ACTUATES VALVE/TO BORON INJ. TANK TO LOOP COLD LEG												
SI	2MOV-S18808A	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z29 571'-0''	C 1	CONT	BEL 88-919	M-522	A010
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												
SI	2MOV-S18808B	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z32 571'-0''	C 1	CONT	BEL 88-919	M-522	A010
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												
SI	2MOV-S18808C	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z21 571'-0''	C 1	CONT	ABV 88-919	M-522	A010
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												
SI	2MOV-S18808D	VALVE MOTOR OPERATOR	LMTQ	SMB-3-80	G-676258	91710	Z32 571'-0''	C 1	CONT	BEL 88-919	M-522	A010
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												
SI	2MOV-S18808A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z29 571'-0''	C 1	CONT	BEL 88-919	M-522	A013
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												
SI	2MOV-S18808B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z32 571'-0''	C 1	CONT	BEL 88-919	M-522	A013
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												
SI	2MOV-S18808C	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z21 571'-0''	C 1	CONT	ABV 88-919	M-522	A013
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK												

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
SI	2MOV-SI8808D	LIMIT SWITCH	NAMCO DX-2400	G-676258	91710	Z32 571'-0''	C 1	CONT	BEL 88-919	M-522	A013
			FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK								
SI	2FT-0924	FLOW TRANSMITTER	F&P 10B2496 PBBABBB-NS	X-2200	104253	Z30 568'-0''	C 1	CONT.	BEL	M-521,M-676	M102
			FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE								
SI	2FT-0925	FLOW TRANSMITTER	F&P 10B2496 PBBABBB-NS	X-2200	104253	Z26 568'-0''	C 1	CONT.	ABV	M-521,M-676	M102
			FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE								
SI	2FT-0926	FLOW TRANSMITTER	F&P 10B2496 PBBABBB-NS	X-2200	104253	Z34 568'-0''	C 1	CONT.	BEL	M-521,M-677	M102
			FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE								
SI	2FT-0927	FLOW TRANSMITTER	F&P 10B2496 PBBABBB-NS	X-2200	104253	Z32 568'-0''	C 1	CONT.	ABV	M-521,M-677	M102
			FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE								
SI	2PT-960	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z28 568'-0''	C 1	CONT.	BEL	M-522,M-676	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A								
SI	2PT-961	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z28 568'-0''	C	CONT.	ABV	M-522,M-676	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A								
SI	2PT-962	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z23 568'-0''	C 1	CONT.	ABV	M-522,M-675	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C								
SI	2PT-963	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z23 568'-0''	C 1	CONT.	ABV	M-522,M-675	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C								
SI	2PT-964	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z21 568'-0''	C 1	CONT.	ABV	M-522,M-674	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D								
SI	2PT-965	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z21 568'-0''	C 1	CONT.	BEL	M-522,M-674	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D								
SI	2PT-966	PRESSURE TRANSMITTER	F&P 50EP1031 BCXA-NS	X-2200	104253	Z31 568'-0''	C 1	CONT.	BEL	M-522,M-677	M103
			FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK B								



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2PT-967	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z32 568'-0''	C 1	CONT. BEL		M-522,M-677	M103
				FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK B								
SI	2LT-940A	LEVEL SWITCH	MAGNE-TROL	A-153-FEP	X-2200	118633	Z29 568'-0''	C 1	CONT BEL		M-522,M-676	M106
				FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC.SUMP LEVEL								
SI	2LT-940B	LEVEL SWITCH	MAGNE-TROL	A-153-FEP	X-2200	118633	Z29 568'-0''	C 1	CONT BEL		M-522,M-676	M106
				FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC.SUMP LEVEL								
SI	2LT-941A	LEVEL SWITCH	MAGNE-TROL	A-153-FEP	X-2200	118633	Z30 568'-0''	C 1	CONT BEL		M-522,M-676	M106
				FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATOR/CONTAIN. RECIRC.SUMP LEVEL								
SI	2LT-941B	LEVEL SWITCH	MAGNE-TROL	A-153-FEP	X-2200	118633	Z30 568'-0''	C 1	CONT BEL		M-522,M-676	M106
				FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATOR/CONTAIN. RECIRC.SUMP LEVEL								
SI	2EPO05	ELECT.PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	RO13
				FUNCTION/SERVICE: INSTR CABLE PENET FOR SI SYS ACCUM TK 2B & 2D PRESS TRANSM 2PT965, 2PT967								
SI	2EPO15	ELECT.PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2227G		22E-2-3206	RO14
				FUNCTION/SERVICE: INSTR CABLE PENET FOR SI SYS ACCUM TK 2A & 2D PRESS TRANSM 2PT961,3								
SI	2EPO17	ELECT.PENET. E-17	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2226G		22E-2-3206	RO15
				FUNCTION/SERVICE: CONTROL CABLE PENET FOR SI SYS VLVS 2A0V-SI8875,6,7,8,9 A & D 2A0V-SI8881,2,4A,5A								
SI	2EPO21	ELECT.PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT ABV R19D2226G		22E-2-3206	RO16
				FUNCTION/SERVICE: CONTROL CABLE PENET FOR SI SYS VLVS 2A0V-SI8875,6,7,8,9 B, 2A0V-SI8884B & C,5B, -SI9008C & D,,9A; 2MOV-SI8808B								
SI	2EPO22	ELECT.PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/12 630	C 1	CONT ABV R19D2224P		22E-2-3206	RO17
				FUNCTION/SERVICE: POWER CABLE PENET FOR SI SYS VLV 2MOV-SI8808B								
SI	2EPO34	ELECT.PENET. E-34	D.G.O.	TYPE 2.2	X-2308	113967	M/12 617	C 1	CONT ABV R19D2224P		22E-2-3206	RO18
				FUNCTION/SERVICE: POWER CABLE PENET FOR SI SYS VLVS 2MOV-SI8800B,BC								

COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2EPO45	ELECT.PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R019
		FUNCTION/SERVICE:		INSTR CABLE PENET FOR SI SYS ACCUM TANK 2D								
SI	2EPO46	ELECT.PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R020
		FUNCTION/SERVICE:		INSTR CABLE PENET FOR SI SYS ACCUM TANK 2C								
SI	2EPL49	ELECT.PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R021
		FUNCTION/SERVICE:		CONT CA PENET FOR SI SYS VLVS 2MOV-SI8800A,C,D,8A&D;2MOV-SI9009B,-SI8884D								
SI	2EPO51	ELECT.PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R022
		FUNCTION/SERVICE:		CONT CA PENET FOR SI SYS VLVS 2MOV-SI8800B,8C;2A0V-SI9008 A & B								
SI	2EPO52	ELECT.PENET. E-52	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R023
		FUNCTION/SERVICE:		CONT CA PENET FOR SI SYS VLVS 2A0V-SI8875C,6C,7C,8C,9C								
SI	2EPO59	ELECT.PENET. E-59	D.G.O.	TYPE 2.2	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2224P	22E-2-3206	R024
		FUNCTION/SERVICE:		PWR CA PENET FOR SI SYS VLVS 2MOV-SI8800A,C,D,B A&D								
SI	2X-2014	J.B. ON INST. RACK NO. 2RM34	WF&JHN BARNES		X-2313	123157	G/9 560	C 1	CONT	BEL	22E-2-3408	W036
		FUNCTION/SERVICE:										
SI	2RM34	LOCAL INSTR RACK	WF&JHN BARNES		X-2313	123157	G/9 560	C 1	CONT	BEL	22E-2-3408	W036
		FUNCTION/SERVICE:										
SI	2RBO044	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z23 590	C 1	CONT	ABV	22E-2-3236	X116
		FUNCTION/SERVICE:		ACCUM. TANK 2C VENT STOP VALVE 2A0V-SI8875B								
SI	2RBO115	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 568	C 1	CONT	BEL	22E-2-3232	X118
		FUNCTION/SERVICE:		LOOP A COLD LEG TEST 2A0V-SI8884D,ACCUM FILL SI PUMP TEST VLV 2A0V-SI8881,2								
SI	2RBO124	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	Z32 568	C 1	CONT	BEL	22E-2-3233	X120
		FUNCTION/SERVICE:		ACCUM TANK 2B VLVS 2A0V-SI8875D,76D,77D,78D,79D								
SI	2RBO130	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z21 568	C 1	CONT	BEL	22E-2-3234	X122
		FUNCTION/SERVICE:		ACCUM TANK 2D VLVS 2A0V-SI8875C,76C,77C,78C,79C								

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2RBO131	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z22	C 1	CONT	BEL	22E-2-3234	X124
FUNCTION/SERVICE: ACCUM TANK 2C VLVS 2ADV-SI8875B, 76B, 77B, 78B, 79B												
SI	2RBO132	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z29	C 1	CONT	BEL	22E-2-3232	X126
FUNCTION/SERVICE: ACCUM TANK 2A VLVS 2ADV-SI8875A, 76A, 77A, 78A, 79A												
SI	2RBO133	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30	C 1	CONT	BEL	22E-2-3232	X128
FUNCTION/SERVICE: LOOP A-D COLD LEG TEST VLVS 2ADV-SI8884C, D & SI9009A												
SI	2RBO229	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31	C 1	CONT	ABV	22E-2-3237	X131
FUNCTION/SERVICE: RHR PUMP 2B TEST LINE ISOL VLV 2ADV-SI8885B												
SI	2RBO235	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30	C 1	CONT	ABV	22E-2-3237	X133
FUNCTION/SERVICE: RHR PUMP 2A TEST LINE ISOL VLV 2ADV-SI8885A												
SI	2RBO307	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z26	C 1	CONT	BEL	22E-2-3231	X135
FUNCTION/SERVICE: LOOP C HOT LEG TEST VLV 2ADV-SI9008D												
SI	2RBO308	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31	C 1	CONT	BEL	22E-2-3233	X137
FUNCTION/SERVICE: LOOP B HOT LEG TEST VLV 2ADV-SI9008C												
SI	2RBO309	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30	C 1	CONT	ABV	22E-2-3237	X139
FUNCTION/SERVICE: ACCUM FILL FROM SI PUMP TEST VLV 2ADV-SI9009B												
SI	2RBO339	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31	C 1	CONT	BEL	22E-2-3233	X141
FUNCTION/SERVICE: RHR PUMP 2A TEST LINE ISOL VLV 2ADV-SI8884A												
SI	2RBO340	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28	C 1	CONT	BEL	22E-2-3232	X143
FUNCTION/SERVICE: RHR PUMP 2B TEST LINE ISL VLV 2ADV-SI8884B												
SI	2RBO640	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z20	C 1	CONT	ABV	22E-2-3239	X147
FUNCTION/SERVICE: ACCUM TANK 2C LEVEL TRANSMITTER 2LT-952												
SI	2RBO641	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z27	C 1	CONT	ABV	22E-2-3237	X148
FUNCTION/SERVICE: ACCUM TANK 2A, 2C LEVEL TRANSMITTER 2LT-951 AND 2LT-953												



COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LFV	FLD DRAWING	S&L DRAWING	COMP NO
SI 2R80642	JUNCTION BOX	FISH-H	EB-215	X-2329	119787	221 590	C 1	CONT	ABV	22E-2-3239	X149
FUNCTION/SERVICE: ACCUM TANKS 2B, 2D LEVEL TRANSMITTERS 2LT-954 AND 2LT-956											
VC 2ADV-VC8149B	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713	230 590'-0''	C 1	CONT	ABV S-130032RB	M-517	B507
FUNCTION/SERVICE: ACTUATES VALVE/FROM RHX TO LETDOWN HEAT EXCH.											
VC 2ADV-VC8149B	LIMIT SWITCH	NAMCO	EA-180	676270	091713	230 590'-0''	C 1	CONT	ABV S-130032RB	M-517	B508
FUNCTION/SERVICE: ACTUATES VALVE/FROM RHX TO LETDOWN HEAT EXCH.											
VC 2EPO06	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2227G	22E-2-3206	R013
FUNCTION/SERVICE: INST CABLE PENET FOR RCP 2B SEAL LEAK OFF FLOW & MTR RTD'S											
VC 2EPO15	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2227G	22E-2-3206	R014
FUNCTION/SERVICE: INST CABLE PENET FOR RCP 2C SEAL LEAK OFF FLOW & MTR RTD'S											
VC 2EPO17	ELECT. PENET. E-17	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2226G	22E-2-3206	R015
FUNCTION/SERVICE: CONT CABLE PENET FOR SEAL LEAK OFF FLOW CONT											
FUNCTION/SERVICE: CONT CABLE PENET FOR VLVS 2ADV-VC8141, -VC8168											
VC 2EPO21	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2226G	22E-2-3206	R016
FUNCTION/SERVICE: CONT CABLE PENET FOR RCP 2B SEAL LEAK OFF FLOW CONT &											
FUNCTION/SERVICE: CONT CABLE PENET FOR VLVS 2ADV-VC8146, -VC8149C											
VC 2EPO45	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R019
FUNCTION/SERVICE: CONT CABLE PENET FOR RCP 2D SEAL LEAK OFF FLOW & MTR RTD'S											
VC 2EPO46	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2227G	22E-2-3206	R020
FUNCTION/SERVICE: INST CABLE PENET FOR RCP 2A SEAL LEAK OFF AND MTR RTD'S											
VC 2EPO49	ELECT. PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R021
FUNCTION/SERVICE: CONT CABLE PENET FOR RCP 2A SEAL LEAK OFF CONT											
FUNCTION/SERVICE: CONT CABLE PENET FOR VLVS 2ADV-VC8142, -VC8147, -VC8149A											
VC 2EPO51	ELECT. PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	R022
FUNCTION/SERVICE: CONT CABLE PENET FOR RCP 2B SEAL LEAK OFF CONT											
FUNCTION/SERVICE: CONT CABLE PENET FOR VLV 2ADV-VC8149B											

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/RGW ELEVATN	CONTAIN IN	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	VC 2EPO52	ELECT.PENET. E-52	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C 1	CONT	ABV R19D2226G	22E-2-3206	RO23
		FUNCTION/SERVICE: CONTROL CABLE PENET FOR VC SYS VLV5 2AOV-8168B-D, -VC8141B-D										
*	VC 2EPO16	ELECT.PENET. E-16	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C 1	CONT	ABV R19D2227G	22E-2-3206	RO36
		FUNCTION/SERVICE: INST CABLE PENET FOR VC SYS VLV 2AOV-VC8146										
*	VC 2RBO084	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z20 590	C 1	CONT	ABV	22E-2-3239	X017
		FUNCTION/SERVICE: RCP D STANDPIPE MAKEUP VLV 2AOV-VC8168C										
*	VC 2RBO094	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z32 590	C 1	CONT	ABV	22E-2-3238	X018
		FUNCTION/SERVICE: RCP D SEAL LEAKOFF ISOL VLV 2AOV-VC8141D										
*	VC 2RBO098	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31 590	C 1	CONT	ABV	22E-2-3238	X019
		FUNCTION/SERVICE: RCP B STANDPIPE MAKEUP										
*	VC 2RBO099	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z29 590	C 1	CONT	ABV	22E-2-3237	X020
		FUNCTION/SERVICE: RCP A SEAL LEAKOFF ISOL VLV 2AOV-VC8141A										
*	VC 2RBO100	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C 1	CONT	ABV	22E-2-3237	X021
		FUNCTION/SERVICE: RCP A STANDPIPE MAKEUP VLV 2AOV-VC8168A										
*	VC 2RBO102	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z24 590	C 1	CONT	ABV	22E-2-3236	X022
		FUNCTION/SERVICE: RCP C STANDPIPE MAKEUP VLV 2AOV-VC8168B										
*	VC 2RBO103	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z20 590	C 1	CONT	ABV	22E-2-3239	X023
		FUNCTION/SERVICE: RCP C SEAL LEAKOFF ISOL VLV 2AOV-VC8141C										
*	VC 2RBO113	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z24 590	C 1	CONT	ABV	22E-2-3236	X024
		FUNCTION/SERVICE: RCP B SEAL LEAKOFF ISOL VLV 2AOV-VC8141B										
*	VC 2RBO173	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28 590	C 1	CONT	ABV	22E-2-3237	X025
		FUNCTION/SERVICE: EXCESS LETDOWN HEAT EXCH ISOL VLV 2FCV-VC8381										
*	VC 2RBO174	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28 590	C 1	CONT	ABV	22E-2-3237	X026
		FUNCTION/SERVICE: VC SYS REMOTE OPER VLV 2VC-8147, -8169										

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	VC 2RBO175	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z29 590	C 1	CONT ABV		22E-2-3237	X027
					FUNCTION/SERVICE:				CONT REMOTE OPER VLV 2VC-8140			
	VC 2RBO228	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C 1	CONT ABV		22E-2-3237	X028
					FUNCTION/SERVICE:				CONT LETDOWN ORIFICE STOP VLV 2ADV-VC8149C			
	VC 2RBO231	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C 1	CONT ABV		22E-2-3237	X029
					FUNCTION/SERVICE:				CONT LETDOWN ORIFICE STOP VLV 2ADV-VC8149B			
	VC 2RBO234	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C 1	CONT ABV		22E-2-3237	X030
					FUNCTION/SERVICE:				CONT LETDOWN ORIFICE STOP VLV 2ADV-VC8149A			
	VC 2RBO236	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z29 590	C 1	CONT ABV		22E-2-3237	X031
					FUNCTION/SERVICE:				CONT REMOTE OPER VLV 2ADV-VC8142			
	VC 2RBO238	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C 1	CONT ABV		22E-2-3237	X032
					FUNCTION/SERVICE:				EXCESS LETDOWN FLOW DIVERSION VLV 2ADV-VC8143			
					FUNCTION/SERVICE:				CONTROL CABLE PENET FOR RCP 1C SEAL LEAKOFF FLOW CONT			
					FUNCTION/SERVICE:				CONTROL CABLE PENET FOR RCP 1A SEAL LEAKOFF FLOW CONT			
					FUNCTION/SERVICE:				CONT CABLE PENET FOR VLVS 1ADV-VC8141,-VC8168			

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345804A, S/N:119138, OPERATOR MOTOR:RELIANCE-46349GV, TYPE:P
 COMP/EQUIP FR:R56, 460/3/60, B INSULATION, S.F.=100+(MEG OHMS)
 MANUFACTURER LIMITORQUE CONTROL
 MODEL TYPE SMB-00

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP	
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		298	ADSIO02		ADSIO03	CONCURRENT		ARSI100 A008
PRESS PSIA	ZONE C 1 62		90	ADSIO02		ADSIO03	CONCURRENT		ARSI100 A008
REL HUMID%	ZONE C 1 100		100	ADSIO02		ADSIO03	CONCURRENT		ARSI100 A008
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	ADSIO02		ADSIO04	SEPARATE		ARSI100 A008
OPE TME MN									ARSI100 A008
CHEM SPRAY			1.5% BORIC ACID			ADSIO03	CONCURRENT		ARSI100 A008
CHEM SPRAY			PH 7.67						ARSI100 A008
AGING			40 YRS & ACCIDENT			ADSIO04	SEPARATE		ARSI100 A008
SUBMERGENC	N/A								ARSI100 A008

DOCUMENTATION

ADSIO02 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADSIO03 FRANKLIN INST. TEST REPORT F-C2485-01
 ADSIO04 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

ARSI100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345804U, S/N:123431, OPERATOR MOTOR:Y242816A15, TYPE:P,
 COMP/EQUIP FR:254UR3, S.F.=100+(MEG OHMS), 3375RPM
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-3-80

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP		
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO
TEMP DEG F	ZONE C 1 271		298	ADSI002		ADSI003	CONCURRENT		ARSI100	A010
PRESS PSIA	ZONE C 1 62		90	ADSI002		ADSI003	CONCURRENT		ARSI100	A010
REL HUMID%	ZONE C 1 100		100	ADSI002		ADSI003	CONCURRENT		ARSI100	A010
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	ADSI002		ADSI004	SEPARATE		ARSI100	A010
OPE TME MN									ARSI100	A010
CHEM SPRAY			1.5% BORIC ACID			ADSI003	CONCURRENT		ARSI100	A010
CHEM SPRAY			PH 7.67						ARSI100	A010
AGING			40 YRS & ACCIDENT			ADSI004	SEPARATE		ARSI100	A010
SUBMERGENC	N/A								ARSI100	A010

DOCUMENTATION

ADSI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADSI003 FRANKLIN INST. TEST REPORT F-C2485-01
 ADSI004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

ARSI100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL DX-2400

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP		
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL	OUTST**	***	NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	ADSI002		ARSIO01		A013
PRESS PSIA	ZONE C 1	62	SEE REMARKS	ADSI002		ARSIO01		A013
REL HUMID%	ZONE C 1	100	SEE REMARKS	ADSI002		ARSIO01		A013
RADIATION	ZONE C 1	2.0EOB	SEE REMARKS	ADSI002		ARSIO01		A013
OPE TME MN						ARSIO01		A013
CHEM SPRAY			SEE REMARKS			ARSIO01		A013
AGING			SEE REMARKS			ARSIO01		A013
SUBMERGENC	N/A							A013

DOCUMENTATION

ADSI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ARSIO01 THESE LIMIT SWITCHES ARE FOR INDICATION ONLY. FOR THIS REASON IT HAS BEEN DETERMINED THAT THEY DO NOT HAVE TO BE QUALIFIED ALSO THESE ARE NOT REQUIRED TO OPERATE AFTER AN ACCIDENT PER THE FSAR.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RESIDUAL HEAT REMOVAL (RH)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH.:ORD.NO.342599B, S/N:115710, OPERATOR MOTOR:RELIANCE-463437-CV, TYPE:P, FR:T56, 170ORPM

COMP/EQUIP B INSUL., 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-1

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC			QUAL	***	NO
TEMP DEG F ZONE C 1 271			298	ADRHO01		ADRHO02 CONCURRENT		ARRH100	A255
PRESS PSIA ZONE C 1 62			90	ADRHO01		ADRHO02 CONCURRENT		ARRH100	A255
REL HUMID% ZONE C 1 100			100	ADRHO01		ADRHO02 CONCURRENT		ARRH100	A255
RADIATION ZONE C 1 2.0EOB			2.0EOB RADS	ADRHO01		ADRHO03 SEPARATE		ARRH100	A255
OPE TME MN								ARRH100	A255
CHEM SPRAY			1.5% BORIC ACID			ADRHO02 CONCURRENT		ARRH100	A255
CHEM SPRAY			PH 7.67					ARRH100	A255
AGING			40 YRS & ACCIDENT			ADRHO03 SEPARATE		ARRH100	A255
SUBMERGENC	N/A							ARRH100	A255

DOCUMENTATION

ADRHO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADRHO02 FRANKLIN INST. TEST REPORT F-C2485-01
 ADRHO03 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

ARRH100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RESIDUAL HEAT REMOVAL (RH)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.3458045, S/N:114860, OPERATOR MOTOR:RELIANCE-Y239548A5-CV, FR:213R2, 1725RPM
 COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)
 MANUFACTURER LIMITORQUE CONTROL
 MODEL SMB-2

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		298	ADRHO01		ADRHO02	CONCURRENT	ARRH100	A256
PRESS PSIA	ZONE C 1 62		90	ADRHO01		ADRHO02	CONCURRENT	ARRH100	A256
REL HUMID%	ZONE C 1 100		100	ADRHO01		ADRHO02	CONCURRENT	ARRH100	A256
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	ADR.001		ADRHO03	SEPARATE	ARRH100	A256
OPER TIME MN								ARRH100	A256
CHEM SPRAY			1.5% BORIC ACID			ADRHO02	CONCURRENT	ARRH100	A256
CHEM SPRAY			PH 7.67					ARRH100	A256
AGING			40 YRS & ACCIDENT			ADRHO03	SEPARATE	ARRH100	A256
SUBMERGENC	N/A							ARRH100	A256

DOCUMENTATION

ADRHO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADRHO02 FRANKLIN INST. TEST REPORT F-C2485-01
 ADRHO03 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

ARRH100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CHEMICAL & VOLUME CONTROL (VC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH COMPANY
 MODEL LB-831654

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
PRESS PSIA	ZONE C 1	62	SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
REL HUMID%	ZONE C 1	100	SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
RADIATION	ZONE C 1	2.0R08	SEE REMARKS	BDVCO05			ANALYSIS		BRVC100 B507
OPE TME MN							ANALYSIS		BRVC100 B507
CHEM SPRAY									BRVC100 B507
AGING			SEE REMARKS				ANALYSIS		BRVC100 B507
SUBMERGENC									BRVC100 B507

DOCUMENTATION

BDVCO05 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVC100 NOT REQUIRED TO OPERATE AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CHEMICAL & VOLUME CONTROL (VC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTURER NAKCO
 MODEL EA-180

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	BDVCO05	BRVC100	B508
PRESS PSIA	ZONE C 1	62	SEE REMARKS	BDVCO05	BRVC100	B508
REL HUMID%	ZONE C 1	100	SEE REMARKS	BDVCO05	BRVC100	B508
RADIATION	ZONE C 1	2.0EOB	SEE REMARKS	BDVCO05	BRVC100	B508
OPE TME MN					BRVC100	B508
CHEM SPRAY					BRVC100	B508
AGING			SEE REMARKS		BRVC100	B508
SUBMERGENC						B508

DOCUMENTATION

BDVCO05 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVC100 NOT REQUIRED TO OPERATE AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.341972A, S/N:111587,OPERATOR MOTOR:TYPE:DAT, FR:C256Y, 173ORPM

COMP/EQUIP 230/160/3/60, S.F.=100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-4

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC					QUAL
TEMP DEG F ZONE C 1 271			298	CDRCO01	CDRCO02	CONCURRENT		CDRC100	CO01
PRESS PSIA ZONE C 1 62			90	CDRCO01	CDRCO02	CONCURRENT		CDRC100	CO01
REL HUMID% ZONE C 1 100			100	CDRCO01	CDRCO02	CONCURRENT		CDRC100	CO01
RADIATION ZONE C 1 2.0E08			2.0E08 RADS	CDRCO01	CDRCO03	SEPARATE		CDRC100	CO01
OPE TME MN								CDRC100	CO01
CHEM SPRAY			1.5% BORIC ACID		CDRCO02	CONCURRENT		CDRC100	CO01
CHEM SPRAY			PH 7.67					CDRC100	CO01
AGING			40 YRS & ACCIDENT		CDRCO03	SEPARATE		CDRC100	CO01
SUBMERGENC	N/A							CDRC100	CO01

DOCUMENTATION

CDRCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDRCO02 FRANKLIN INST. TEST REPORT F-C2485-01
 CDRCO03 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CDRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:DRD.NO.338859A, S/N:105282,OPERATOR MOTOR:RELIANCE-447133, TYPE:P, FR:L56, 1700RPM
 COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-00

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	NO
TEMP DEG F	ZONE C 1 271		298	CDRC001		CDRC002 CONCURRENT		CRRC100 C002
PRESS PSIA	ZONE C 1 62		90	CDRC001		CDRC002 CONCURRENT		CRRC100 C002
REL HUMID%	ZONE C 1 100		100	CDRC001		CDRC002 CONCURRENT		CRRC100 C002
RADIATION	ZONE C 1 2.0E08		2.0E08 RADS	CDRC001		CDRC003 SEPARATE		CRRC100 C002
OPE TME MN								CRRC100 C002
CHEM SPRAY			1.5% BORIC ACID			CDRC002 CONCURRENT		CRRC100 C002
CHEM SPRAY			PH 7.67					CRRC100 C002
AGING			40 YRS & ACCIDENT			CDRC003 SEPARATE		CRRC100 C002
SUBMERGENC	N/A							CRRC100 C002

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDRC002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDRC003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH.ORD.NO.345804I, S/N:114545,OPERATOR MOTOR:RELIANCE-456617-DV, FR:M56, TYPE:P
 COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)
 MANUFACTUER LIM:TORQUE CONTROL
 MODEL SMB-00

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	***	NO
TEMP DEG F	ZONE C 1 271		298	CDRC001		CDRC002	CONCURRENT	CRRC100	C003
PRESS PSIA	ZONE C 1 62		90	CDRC001		CDRC002	CONCURRENT	CRRC100	C003
REL HUMID%	ZONE C 1 100		100	CDRC001		CDRC002	CONCURRENT	CRRC100	C003
RADIATION	ZONE C 1 2.0E08		2.0E08 RAD	CDRC001		CDRC003	SEPARATE	CRRC100	C003
OPE TME MN								CRRC100	C003
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT	CRRC100	C003
CHEM SPRAY			PH 7.67					CRRC100	C003
AGING			40 YRS & ACCIDENT			CDRC003	SEPARATE	CRRC100	C003
SUBMERGENC	N/A							CRRC100	C003

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDRC002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDRC003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER ASCO
 MODEL LB-831654

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP			
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL	OUTST**	***	NO	
TEMP DEG F	ZONE C 1	271			SEE REMARKS	CDRC001		CRR100	CO04
PRESS PSIA	ZONE C 1	62			SEE REMARKS	CDRC001		CRR100	CO04
REL HUMID%	ZONE C 1	100			SEE REMARKS	CDRC001		CRR100	CO04
RADIATION	ZONE C 1	2.0E08			SEE REMARKS	CDRC001		CRR100	CO04
OPE TME MN					SEE REMARKS			CRR100	CO04
CHEM SPRAY								CRR100	CO04
AGING					SEE REMARKS			CRR100	CO04
SUBMERGENC								CRR100	CO04

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRR100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA-180

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTSI**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC005					CRR006 C005
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC005					CRR006 C005
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC005					CRR006 C005
RADIATION	ZONE C	2.0E08	SEE REMARKS	CDRC005					CRR006 C005
OPE TME MN									CRR006 C005
CHEM SPRAY									CRR006 C005
AGING			SEE REMARKS						CRR006 C005
SUBMERGENC									C005

DOCUMENTATION

CDRC005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRR006 NOT REQUIRED TO OPERATE AFTER AN ACCIDENT PER THE FSAR. NO QUALIFICATION IS NECESSARY. THESE VALVES DO NOT CHANGE POSITION WHEN A SAFETY INJECTION OCCURS THEY PROVIDE NO SAFETY FUNCTION AND ARE BACKED UP BY VC8152 & VC8153 CONTAINMENT ISOLATION VALVES LOCATED OUTSIDE CONTAINMENT.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA-180

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRCOO1					CRRC101 C007
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRCOO1					CRRC101 C007
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRCOO1					CRRC101 C007
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	CDRCOO1					CRRC101 C007
OPE TME MN			SEE REMARKS						CRRC101 C007
CHEM SPRAY									CRRC101 C007
AGING			SEE REMARKS						CRRC101 C007
SUBMERGENC	ABV FLD	ELEV.							C007

DOCUMENTATION

CDRCOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRRC101 NOT REQUIRED AFTER ACCIDENT PER FSAR. INTERLOCKED WITH REACTOR COOLANT PUMPS ONLY. NO QUALIFICATION NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER ASCO
 MODEL LB-831654

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	***	NO	
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC001						CRRC100 C008
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC001						CRRC100 C008
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC001						CRRC100 C008
RADIATION	ZONE C 1	2.0EOB	SEE REMARKS	CDRC001						CRRC100 C008
OPE TME MN			SEE REMARKS							CRRC100 C008
CHEM SPRAY										CRRC100 C008
AGING			SEE REMARKS							CRRC100 C008
SUBMERGENC										CRRC100 C008

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA180

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	CDRC001			CRRC100 C009
PRESS PSIA	ZONE C 1	62	SEE REMARKS	CDRC001			CRRC100 C009
REL HUMID%	ZONE C 1	100	SEE REMARKS	CDRC001			CRRC100 C009
RADIATION	ZONE C 1	∞.0EOB	SEE REMARKS	CDRC001			CRRC100 C009
OPE TME MN			SEE REMARKS				CRRC100 C009
CHEM SPRAY			SEE REMARKS				CRRC100 C009
AGING			SEE REMARKS				CRRC100 C009
SUBMERGENC							CRRC100 C009

DOCUMENTATION

CDRC001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRRC100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER ASCO
 MODEL NP-1 SERIES

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC					QUAL
TEMP DEG F	ZONE C 1	271	346	DDRV001		DDRV082 CONCURRENT			D100
PRESS PSIA	ZONE C 1	63.7	110	DDRV001		DDRV082 CONCURRENT			D100
REL HUMID%	ZONE C 1	100	100	DDRV001		DDRV082 CONCURRENT			D100
RADIATION	ZONE C 1	2.0E08	2.0E08 RADS	DDRV001		DDRV082 SEPARATE			D100
OPE TME MN	SHORT/LONG TERM		30 DAYS			DDRV082		DRRV071	D100
CHEM SPRAY			3000PPM BR ACID			DDRV082 CONCURRENT			D100
AGING			4-20 YRS			DDRV082 SEPARATE		DRRV007	D100
SUBMERGENC	ABV FLD ELEV.								D100

DOCUMENTATION

DDRV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 DDRV082

OUTSTANDING ITEMS/REMARKS

DRRV007 SEE TEST REPORT FOR AGING PROFILE ASCO REPORT AQS21678/TR.
 DRRV071 SHORT TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0001.
 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0003.
 ADV-RV0003 IS REQUIRED FOR THE HYDROGEN RECOMBINERS.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP LIMIT SWITCH
 MANUFACTUER NAMCO
 MODEL EA-180

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		340	DDRVOO1		DDRVO92 CONCURRENT		D101
PRESS PSIA	ZONE C 1 62		70	DDRVOO1		DDRVO92 CONCURRENT		D101
REL HUMID%	ZONE C 1 100		100	DDRVOO1		DDRVO92 CONCURRENT		D101
RADIATION	ZONE C 1 2.0E08		2.04E08 RADS	DDRVOO1		DDRVO92 SEPARATE		D101
OPE TME MN	SHORT/LONG TERM						DRRVO71	D101
CHEM SPRAY			230CC/MIN BR ACID			DDRVO92 CONCURRENT		D101
AGING								D101
SUBMERGENC	ABV FLD ELEV.							D101

DOCUMENTATION

 DDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 DDRVO92

OUTSTANDING ITEMS/REMARKS

 DRRVO71 SHORT TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0001.
 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR ADV-RV0003.
 ADV-RV0003 IS REQUIRED FOR THE HYDROGEN RECOMBINERS.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP RCFC FAN/MOTOR TEMPERATURE CONTROL/CONTAINMENT
 MANUFACTUER WESTINGHOUSE
 MODEL 585.5CSP/FRAME 200/200HP/1200/900RPM

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS		COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO	
TEMP DEG F ZONE C 1	271	271	308	FDRV007	FDRV001	FDRV004	CONCURRENT				FOO1
PRESS PSIA ZONE C 1	62	47	80	FDRV007	FDRV001	FDRV004	CONCURRENT				FOO1
REL HUMID% ZONE C 1	100	100	100	FDRV007	FDRV002	FDRV004	CONCURRENT				FOO1
RADIATION ZONE C 1	2.0E08	1.5E08	1.40E08	FDRV007	FDRV003	FDRV005	SEPARATE	FDRV001			FOO1
OPE TME MN LONG TERM									FRRV100		FOO1
CHEM SPRAY		2500PPM BORDN	3000PPM BORDN		FDRV003	FDRV004	CONCURRENT				FOO1
CHEM SPRAY		PH 9.5-10.0	PH 9.5-10.0								FOO1
AGING	40 YRS & ACCIDENT							FDRV001			FOO1
SUBMERGENC	NOT APPLICABLE										FOO1

DOCUMENTATION

FDRV001 SPECIFICATION X-2234 PAGE 7
 FDRV002 SPECIFICATION X-2234 PAGE 32
 FDRV003 SPECIFICATION X-2234 PAGE 10
 FDRV004 WESTINGHOUSE TEST REPORT (WCAP-9003), "FAN COOLER MOTOR TEST UNIT"
 FDRV005 WESTINGHOUSE TEST REPORT (WCAP-7744), "TOPICAL REPORT & ENVIRONMENTAL TESTING OF ENGINEERED SAFETY FEATURES RELATED EQUIP"
 FDRV007 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

FDRV001 THERE IS ANOTHER WCAP WHICH QUALIFIES THE MOTORS TO 2.0E08 RAD ENVIRONMENT. HOWEVER IT WAS NOT AVAILABLE AT THE ISSUE DATE SO THIS VALUE WAS NOT INCLUDED. (REF WCAP-7829)
 FRRV100 LONG TERM OPERATION REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP THREE-WAY SOLENOID VALVE FOR RCFC DAMPER CONTROL
 MANUFACTUER ASCO
 MODEL 8300

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	IDR001					IRR093	1401
PRESS PSIA	ZONE C 1	62	SEE REMARKS	IDR001					IRR093	1401
REL HUMID%	ZONE C 1	100	SEE REMARKS	IDR001					IRR093	1401
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	IDR001					IRR093	1401
OPE TME MN	SHORT TERM		SEE REMARKS						IRR100	1401
CHEM SPRAY									IRR093	1401
AGING			SEE REMARKS						IRR093	1401
SUBMERGENC	ABV FLD	ELEV								1401

DOCUMENTATION

IDR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

IRR093 FOR THE RCFC DAMPER SOLENOIDS THE ONLY PART WHICH IS SUSCEPTIBLE TO FAILURE ARE THE 'O'-RINGS. HOWEVER EVEN IF THESE SHOULD FAIL THE SOLENOID WILL VENT AND THE DAMPER WILL SHIFT TO THE ACCIDENT MODE. THEREFORE THEY WILL FUNCTION PROPERLY IN THEIR ENVIRONMENT DURING AN ACCIDENT AND POST LOCA CONDITIONS. THEY DO NOT HAVE TO REMAIN FUNCTIONAL AFTER THE ACCIDENT BECAUSE THERE WOULD NEVER BE A REASON TO CHANGE THEIR POSITION. (REF WESTINGHOUSE LETTER NS-CE755.)

IRR100 SHORT TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 10B2496PBBABBB-NS

ACCURACY		ENVIRONMENT	DOCUMENTATION	REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	290 (2.5 HRS)	MDSIO03	MDSIO01	CONCURRENT		M102
PRESS PSIA	ZONE C 1 62	75 (2.5 HRS)	MDSIO03	MDSIO01	CONCURRENT		M102
REL HUMID%	ZONE C 1 100	100 (2.5 HRS)	MDSIO03	MDSIO01	CONCURRENT		M102
RADIATION	ZONE C 1 2.0E08	1.2E08 RADS	MDSIO03	MDSIO02	SEPARATE & COMPARI SN		M102
OPE TME MN	MEDIUM TERM	2.5 HRS		MDSIO01	CONCURRENT	MRSI100	M102
CHEM SPRAY		2000 PPM BORON		MDSIO04	SEPARATE		M102
AGING							M102
SUBMERGENC	BEL FLD ELEV.	SEE REMARKS				MRSIO04	M102

DOCUMENTATION

MDSIO01 FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968, AND FRANKLIN INSTITUTE REPORT F-C2639 NOV. 1969
 MDSIO02 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDSIO03 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDSIO04 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRSIO04 INSTRUMENT FT-926 & FT-924(UNIT 2 ONLY) WILL BE SUBMERGED AFTER A LOCA. BACKUP INSTRUMENT IS FT-934 WHICH IS OUTSIDE CONTAINMENT.
 MRSI100 MEDIUM TERM OPERATION REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK.



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1031BCXA-NS

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDSIO03		MDSIO01 CONCURRENT		M103
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDSIO03		MDSIO01 CONCURRENT		M103
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDSIO03		MDSIO01 CONCURRENT		M103
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDSIO03		MDSIO02 SEPARATE & COMPARISN		M103
OPE TME MN	SHORT TERM		2.5 HRS			MDSIO01 CONCURRENT	MRSI101	M103
CHEM SPRAY			2000 PPM BORON			MDSIO04 SEPARATE		M103
AGING								M103
SUBMERGENC	BEL FLD ELEV.		SEE REMARKS				MRSIO02	M103

DOCUMENTATION

MDSIO01 FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968, AND FRANKLIN INSTITUTE REPORT F-C2639 NOV. 1969
 MDSIO02 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDSIO03 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDSIO04 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRSIO02 THESE INSTRUMENTS WILL BE SUBMERGED AFTER A LOCA.
 MRSI101 LONG TERM OPERATION FOR LOCA ONLY PER FSAR.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP LEVEL SWITCH
 MANUFACTURER MAGNETROL
 MODEL A-153-FEP/VPX-Y-3X-TDM-SIM3H-SIM3H-SIM3H

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		SEE REMARKS	MDSIO03					M106
PRESS PSIA	ZONE C 1 62		SEE REMARKS	MDSIO03					M106
REL HUMID%	ZONE C 1 100		SEE REMARKS	MDSIO03					M106
RADIATION	ZONE C 1 2.0EOB		SEE REMARKS	MDSIO03					M106
OPE TME MN	LONG TERM		SEE REMARKS					MRSI101	M106
CHEM SPRAY			SEE REMARKS						M106
AGING			SEE REMARKS						M106
SUBMERGENC	N/A								M106

DOCUMENTATION

MDSIO03 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRSI101 LONG TERM OPERATION FOR LOCA ONLY PER FSAR.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 10B2491VCBB-NS

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDFW003		MDFW001 CONCURRENT		M201
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDFW003		MDFW001 CONCURRENT		M201
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDFW003		MDFW001 CONCURRENT		M201
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDFW003		MDFW002 SEPARATE & COMPARISN	MRFW101	M201
OPE TME MN	SHORT TERM		2.5 HRS			MDFW001 CONCURRENT	MRFW100	M201
CHEM SPRAY			2000 PPM BORON			MDFW004 SEPARATE		M201
AGING							MRFW001	M201
SUBMERGENC			SEE REMARKS				MRFW002	M201

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW001 A LETTER IS TO BE SENT TO THE MANUFACTURER TO OBTAIN THE ADDITIONAL QUALIFICATION ITEMS.
 MRFW002 THESE INSTRUMENTS WILL BE FLOODED AFTER A LOCA BUT THEY ARE NOT REQUIRED TO FUNCTION AFTER A LOCA . BEFORE BEING SUBMERGED.
 MRFW100 SHORT TERM OPERATION AFTER MAIN STEAM LINE BREAK; NOT REQUIRED AFTER LOCA.
 MRFW101 NOT APPLICABLE FOR MAIN STEAM LINE BREAK. NO QUALIFICATION NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP LEVEL TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 13D2495KBBABBB-NS

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	REMARKS	OUTST**	COMP NO
				PLT DES	SPEC				
TEMP DEG F ZONE C 1 271			290	MDFW003		MDFW001 CONCURRENT			M202
PRESS PSIA ZONE C 1 62			75	MDFW003		MDFW001 CONCURRENT			M202
REL HUMID% ZONE C 1 100			100	MDFW003		MDFW001 CONCURRENT			M202
RADIATION ZONE C 1 2.0E08			1.2E08 RADS	MDFW003		MDFW002 SEPARATE & COMPARISN	MRFW101		M202
OPE TME MN LONG TERM			2.5 HRS			MDFW001 CONCURRENT	MRFW102		M202
CHEM SPRAY			2000 PPM BORON			MDFW004 SEPARATE			M202
AGING							MRFW001		M202
SUBMERGENC BEL FLD ELEV							MRFW003		M202

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW001 A LETTER IS TO BE SENT TO THE MANUFACTURER TO OBTAIN THE ADDITIONAL QUALIFICATION ITEMS.
 MRFW003 NO QUALIFICATION IS REQUIRED. INSTRUMENT IS NOT REQUIRED TO FUNCTION DURING OR AFTER A LOCA.
 MRFW101 NOT APPLICABLE FOR MAIN STEAM LINE BREAK. NO QUALIFICATION NECESSARY.
 MRFW102 LONG TERM OPERATION REQUIRED AFTER MAIN STEAM OR FEEDWATER LINE BREAK AND LOCA PER FSAR.

08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP LEVEL TRANSMITTER
 MANUFACTUER BARTON
 MODEL 386

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC					QUAL
TEMP DEG F	ZONE C 1 271		283 (2 HRS)	MDRC004		MDRC005 CONCURRENT			M301
PRESS PSIA	ZONE C 1 62		75 (2 HRS)	MDRC004		MDRC005 CONCURRENT			M301
REL HUMID%	ZONE C 1 100		100 (2 HRS)	MDRC004		MDRC005 CONCURRENT			M301
RADIATION	ZONE C 1 2.0E08			MDRC004				MRRCO01	M301
OPE TME MN	LONG TERM							MRRC100	M301
CHEM SPRAY			2000 PPM BORON			MDRC006 SEPARATE			M301
AGING			SEE REMARKS					MRRCO01	M301
SUBMERGENC	BEL FLD ELEV		SEE REMARKS					MRRCO05	M301

DOCUMENTATION

MDRC004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDRCO05 FRANKLIN INSTITUTE REPORT F-C2667, NOV.1969 & LETTER FROM D.A. PRICE OF ITT BARTON TO J. AWAL OF CECO. DATED APRIL 30, 1975.
 MDRCO06 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON
 REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRRCO01 A LETTER WILL BE WRITTEN TO THE MANUFACTURER TO OBTAIN THE QUALIFICATION DATA.
 MRRCO05 INSTRUMENT LT-460 WILL BE SUBMERGED AFTER A LOCA. BMERGED SAFETY-RELATED INSTRUMENTS TO ABOVE FLOOD ELEVATION.
 MRRC100 LONG TERM OPERATION FOR LOCA AND MAIN STEAM LINE BREAK.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 10B2496PBBABBB-NS

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC					QUAL
TEMP DEG F ZONE C 1 271			290 (2.5 HRS)	MDRC004		MDRC001 CONCURRENT			M302
PRESS PSIA ZONE C 1 62			75 (2.5 HRS)	MDRC004		MDRC001 CONCURRENT			M302
REL HUMID% ZONE C 1 100			100 (2.5 HRS)	MDRC004		MDRC001 CONCURRENT			M302
RADIATION ZONE C 1 2.0E08			1.2E08 RADS	MDRC004		MDRC002 SEPARATE & COMPARISN			M302
OPE TME MN			2.5 HRS			MDRC001 CONCURRENT		MRRRC105	M302
CHEM SPRAY			2000 PPM BORON			MDRC006 SEPARATE			M302
AGING									M302
SUBMERGENC SEE REMARKS								MRRRC002	M302

DOCUMENTATION

MDRC001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDR002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDR004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDR006 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRRRC002 INSTRUMENTS FT-414,434,435,444,AND 445 WILL BE SUBMERGED FOLLOWING A LOCA. HOWEVER THEY ARE NOT REQUIRED FOR ACCIDENT MITIGATION. NO QUALIFICATION IS NECESSARY.
 MRRRC105 NOT REQUIRED TO OPERATE AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1041BCXA-NS

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT			M303
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT			M303
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT			M303
RADIATION	ZONE C 1 2.0EOB		1.2E08 RADS	MDRC004		MDRC002	SEPARATE & COMPARI SN			M303
OPE TME MN	LONG TERM		2.5 HRS			MDRC001	CONCURRENT	MRRC100		M303
CHEM SPRAY			2000 PPM BORDN			MDRC006	SEPARATE			M303
AGING								MRRCOO1		M303
SUBMERGENC	N/A									M303

DOCUMENTATION

MDRC001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDRCOO2 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDRCOO4 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDRCOO6 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRRCOO1 A LETTER WILL BE WRITTEN TO THE MANUFACTURER TO OBTAIN THE QUALIFICATION DATA.
 MRRC100 LONG TERM OPERATION FOR LOCA AND MAIN STEAM LINE BREAK.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP RESISTANCE TEMPERATURE DETECTORS
 MANUFACTUER SOSTMAN
 MODEL 100 OHM PLATINUM

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1	271		MDRC004					MRR003	M304	
PRESS PSIA	ZONE C 1	62		MDRC004					MRR003	M304	
REL HUMID%	ZONE C 1	100		MDRC004					MRR003	M304	
RADIATION	ZONE C 1	2.0E08		MDRC004					MRR003	M304	
OPE TME MN	SHORT TERM								MRR106	M304	
CHEM SPRAY									MRR003	M304	
AGING									MRR003	M304	
SUBMERGENC	N/A									M304	

DOCUMENTATION

MDRC004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRR003 WESTINGHOUSE HAS THE QUALIFICATION DOCUMENTS FOR THE RTD'S. CECO HAS TALKED TO WESTINGHOUSE TO OBTAIN THE INFORMATION FOR OUR IMPLEMENTATION.
 MRR106 SHORT TERM OPERATION IS REQUIRED AFTER MAIN STEAM/FEEDWATER LINE BREAK. NOT REQUIRED FOR LOCA.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP RESISTANCE TEMPERATURE DETECTORS
 MANUFACTUER ROSEMOUNT
 MODEL 176KF REV H

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1	271		MDRC004					MRRCO02	M308	
PRESS PSIA	ZONE C 1	62		MDRC004					MRRCO02	M308	
REL HUMID%	ZONE C 1	100		MDRC004					MRRCO02	M308	
RADIATION	ZONE C 1	2.0E08		MDRC004					MRRCO02	M308	
OPE TME MN	SHORT TERM								MRR106	M308	
CHEM SPRAY									MRRCO02	M308	
AGING									MRRCO02	M308	
SUBMERGENC	N/A									M308	

DOCUMENTATION

MDRC004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRRCO02 INSTRUMENTS FT-414, 434, 435, 444, AND 445 WILL BE SUBMITTED FOLLOWING A LOCA. HOWEVER THEY ARE NOT REQUIRED FOR ACCIDENT MITIGATION. NO QUALIFICATION IS NECESSARY.
 MRR106 SHORT TERM OPERATION IS REQUIRED AFTER MAIN STEAM/FEEDWATER LINE BREAK. NOT REQUIRED FOR LOCA.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1041

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION PLT DES	REFERENCE* SPEC	QUALIFICATION METHOD	REMARKS OUTST**	COMP NO
TEMP DEG F	ZONE C 1 271		290 (2.5 HRS)	MDRC004		MDRC001 CONCURRENT		M309
PRESS PSIA	ZONE C 1 62		75 (2.5 HRS)	MDRC004		MDRC001 CONCURRENT		M309
REL HUMID%	ZONE C 1 100		100 (2.5 HRS)	MDRC004		MDRC001 CONCURRENT		M309
RADIATION	ZONE C 1 2.0E08		1.2E08 RADS	MDRC004		MDRC002 SEPARATE & COMPARI SN		M309
OPE TME MN	LONG TERM		2.5 HRS			MDRC001 CONCURRENT		M309
CHEM SPRAY			2000 PPM BORON			MDRC006 SEPARATE		M309
AGING			SEE REMARKS				MRRCO06	M309
SUBMERGENC	N/A							M309

DOCUMENTATION

MDRC001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDRCO02 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDRCO04 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDRCO06 WESTINGHOUSE REPORT "CORROSION EFFECTS OF CHEMICAL ENVIRONMENTS (SHORT TERM) RESULTING FROM POSTULATED ACCIDENTS ON REQUIRED SAFTEY RELATED TRANSMITTERS.

OUTSTANDING ITEMS/REMARKS

MRRCO06 NO QUALIFICATION IS REQUIRED. THIS INSTRUMENT WILL BE REPLACED BY TMI MODIFICATION UNCHANGED. SEE TMI MOD. INSTRUMENT NUMBER REMAINS

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM AREA RADIATION MONITORING (AR)
 COMP/EQUIP RADIATION DETECTORS
 MANUFACTUER NMC
 MODEL GA-2TM

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	MDAR001				MRAR100	M802	
PRESS PSIA	ZONE C 1	62	SEE REMARKS	MDAR001				MRAR100	M802	
REL HUMID%	ZONE C 1	100	SEE REMARKS	MDAR001				MRAR100	M802	
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	MDAR001				MRAR100	M802	
OPE TME MN			SEE REMARKS					MRAR100	M802	
CHEM SPRAY			SEE REMARKS					MRAR100	M802	
AGING			SEE REMARKS					MRAR100	M802	
SUBMERGENC	N/A							MRAR100	M802	

DOCUMENTATION

MDAR001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRAR100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP HUMIDITY SENSOR
 MANUFACTUER TAYLOR
 MODEL 10H5

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	MDRVOO1				MRRV100	M901
PRESS PSIA	ZONE C 1	62	SEE REMARKS	MDRVOO1				MRRV100	M901
REL HUMID%	ZONE C 1	100	SEE REMARKS	MDRVOO1				MRRV100	M901
RADIATION	ZONE C 1	2.0EOB	SEE REMARKS	MDRVOO1				MRRV100	M901
DPE TME MN			SEE REMARKS					MRRV100	M901
CHEM SPRAY			SEE REMARKS					MRRV100	M901
AGING			SEE REMARKS					MRRV100	M901
SUBMERGENC	N/A							MRRV100	M901

DOCUMENTATION

MDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRRV100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP RESISTANCE TEMPERATURE DETECTOR
 MANUFACTUER ELECTRIC THERMOMETERS
 MODEL 3 WIRE

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1	271	SEE REMARKS	MDRVOO1					MRRV100 M904
PRESS PSIA	ZONE C 1	62	SEE REMARKS	MDRVOO1					MRRV100 M904
REL HUMID%	ZONE C 1	100	SEE REMARKS	MDRVOO1					MRRV100 M904
RADIATION	ZONE C 1	2.0E08	SEE REMARKS	MDRVOO1					MRRV100 M904
OPE TME MN			SEE REMARKS						MRRV100 M904
CHEM SPRAY			SEE REMARKS						MRRV100 M904
AGING			SEE REMARKS						MRRV100 M904
SUBMERGENC	N/A								MRRV100 M904

DOCUMENTATION

MDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRRV100 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI, VC, RC, FW
 COMP/EQUIP 2EPO06/ELECTRICAL PENETRATION E-6
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO01	RO13
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO02	RO13
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO03	RO13
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	RO13
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				RO13
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	RO13
AGING										RO13
SUBMERGENC N/A										RO13

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO04 D.G.O'BRIEN REPORT NO.C190A052, DATED 9/2/71
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV, MS, FW, SI, VC, RC
 COMP/EQUIP 2EPO15/ELECTRICAL PENETRATION E-15
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO01	RO14
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO02	RO14
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO03	RO14
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	RO14
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03				RO14
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	RO14
AGING										RO14
SUBMERGENC	N/A									RO14

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO04 D.G.O'BRIEN REPORT NO.C19QA052, DATED 9/2/71
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI, VC
 COMP/EQUIP 2EPO17/ELECTRICAL PENETRATION E-17
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 3.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS	RREPO06	RO15
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS	RREPO07	RO15
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS	RREPO08	RO15
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	RO15
OPE TME MN	30 DAYS	1 YEAR	49 HOURS		RDEPO05	RDEPO03			RO15
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	RO15
AGING									RO15
SUBMERGENC	N/A								RO15

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO06 D.G. O'BRIEN REPORT NO.C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.

RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS

RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO08 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC, RV, RH, VC, SI, AP
 COMP/EQUIP 2EPO21/ELECTRICAL PENETRATION E-21
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 3.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPEC'IFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO06 R016
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO07 R016
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO08 R016
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04 R016
OPE TME MN	30 DAYS	1 YEAR	49 HOURS		RDEPO05	RDEPO03			R016
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05 R016
AGING									R016
SUBMERGENC	N/A								R016

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO06 D.G. O'BRIEN REPORT NO.C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO08 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RH, RV, SI
 COMP/EQUIP 2EPO22/ELECTRICAL PENETRATION E-22
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.2

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS		RREPO01	RO17
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS		RREPO02	RO17
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS		RREPO03	RO17
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05	RDEPO03 SEPERATE		RREPO04	RO17
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05 RDEPO03			RO17
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05 SEE REMARKS		RREPO05	RO17
AGING								RO17
SUBMERGENC	N/A							RO17

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV, SI
 COMP/EQUIP 2EPO34/ELECTRICAL PENETRATION E-34
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.2

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	RO18
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	RO18
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	RO18
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	RO18
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				RO18
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	RO18
AGING										RO18
SUBMERGENC N/A										RO18

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV, VC, FW, AR, FC, SI
 COMP/EQUIP 2EPO45/ELECTRICAL PENETRATION E-45
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO01	RO19
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO02	RO19
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO04	SIMULTANEOUS		RREPO03	RO19
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	RO19
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				RO19
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	RO19
AGING										RO19
SUBMERGENC N/A										RO19

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO04 D.G.O'BRIEN REPORT NO.C19QA052, DATED 9/2/71
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG. AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD. 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD. 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS, SI, FC FW, RC, VC
 COMP/EQUIP 2EPO46/ELECTRICAL PENETRATION E-46
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

ACCURACY				DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLANT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEPO05 RDEPO04	SIMULTANEOUS		RREPO01 RO20
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05 RDEPO04	SIMULTANEOUS		RREPO02 RO20
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	JDXX999 RDEPO05 RDEPO04	SIMULTANEOUS		RREPO03 RO20
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03	SEPERATE		RREPO04 RO20
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05 RDEPO03		RO20
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS		RREPO05 RO20
AGING							RO20
SUBMERGENC	N/A						RO20

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO04 D.G.O'BRIEN REPORT NO.C19QA052, DATED 9/2/71
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV, SI, AP, RC, VC
 COMP/EQUIP 2EPO49/ELECTRICAL PENETRATION E-49
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 3.1

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO06 RO21
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO07 RO21
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO08 RO21
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04 RO21
OPE TME MN 30 DAYS		1 YEAR	49 HOURS			RDEPO05	RDEPO03		RO21
CHEM SPRAY		SEE REMARKS	SEE REMARKS			RDEPO05	SEE REMARKS		RREPO05 RO21
AGING									RO21
SUBMERGENC N/A									RO21

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO06 D.G. O'BRIEN REPORT NO.C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPOOB SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI, RV, RH, AP, RC, VC
 COMP/EQUIP 2EPO51/ELECTRICAL PENETRATION E-51
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 3.1

ACCURACY			ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS	RREPO06	RO22
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS	RREPO07	RO22
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS	RREPO08	RO22
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0YE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	RO22
OPE TME MN	30 DAYS	1 YEAR	49 HOURS		RDEPO05	RDEPO03			RO22
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	RO22
AGING									RO22
SUBMERGENC	N/A								RO22

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO06 D.G. O'BRIEN REPORT NO.C190A051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPOOB SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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PROJECT NUMBER 6165-00
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SYSTEM RC, VC, SI
 COMP/EQUIP 2EPO52/ELECTRICAL PENETRATION E-52
 MANUFACTUER D.C. O'BRIEN
 MODEL TYPE 3.1

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	METHOD	OUTSY**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999 RDEPO05 RDEPO06	SIMULTANEOUS		RREPO06 RO23
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999 RDEPO05 RDEPO06	SIMULTANEOUS		RREPO07 RO23
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999 RDEPO05 RDEPO06	SIMULTANEOUS		RREPO08 RO23
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03	SEPERATE		RREPO04 RO23
OPE TME MN	30 DAYS	1 YEAR	49 HOURS	RDEPO05 RDEPO03			RO23
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS		RREPO05 RO23
AGING							RO23
SUBMERGENC	N/A						RO23

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO06 D.G. O'BRIEN REPORT NO.C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPOOB SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS

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PROJECT NUMBER 6165-00
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SYSTEM SI, RV
 COMP/EQUIP 2EPO59/ELECTRICAL PENETRATION E-59
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	RO24
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	RO24
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	RO24
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	RO24
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03				RO24
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	RO24
AGING										RO24
SUBMERGENC	N/A									RO24

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM RV
 COMP/EQUIP 2EPO04/ELECTRICAL PENETRATION E-4
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO01	RO26
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO02	RO26
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO03	RO26
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	RO26
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			RO26
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	RO26
AGING									RO26
SUBMERGENC	N/A								RO26

DOCUMENTATION

RDEPO03 D.G. O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO25/ELECTRICAL PENETRATION E-25
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 5.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEPO05	RDEPO09	SIMULTANEOUS	ROEPO09	RREPO09 RO28
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEPO05	RDEPO09	SIMULTANEOUS	ROEPO10	RREPO10 RO28
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEPO05	RDEPO09	SIMULTANEOUS	ROEPO11	RREPO11 RO28
RADIATION	ZONE C 1 2.0EO8	SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEPO05	RDEPO03	SEPERATE	ROEPO12	RREPO12 RO28
OPE TME MN	N/A	1 YEAR	SEE OUTST ITEMS		RDEPO05	RDEPO08		ROEPO13	RREPO14 RO28
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	RO28
AGING									RO28
SUBMERGENC	N/A								RO28

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO08 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEPO09 D.G.O'BRIEN TEST REPORT NO. C19QA041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEPO09 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO10 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO11 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO12 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RDEPO13 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO09 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO10 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.

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OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO11 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
RREPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^6 RAD/HOUR BY 1.5 MEV
EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7×10^8 RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD, 2×10^9 RADS.
RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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SYSTEM CI
 COMP/EQUIP 2EPO26/ELECTRICAL PENETRATION E-26
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 5.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO09	SIMULTANEOUS	ROEPO09	RREPO09	RO30
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO09	SIMULTANEOUS	ROEPO10	RREPO10	RO30
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO08	SIMULTANEOUS	ROEPO11	RREPO11	RO30
RADIATION	ZONE C 1 2.0EOB	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO03	SEPERATE	ROEPO12	RREPO12	RO30
OPE TME MN	N/A	1 YEAR	SEE OUTST ITEMS	RDEPO05 RDEPO08		ROEPO13	RREPO14	RO30
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS	RREPO05		RO30
AGING								RO30

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO08 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEPO09 D.G.O'BRIEN TEST REPORT NO. C19QAO41, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEPO09 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO10 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO11 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.
 ROEPO12 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO13 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-
 IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO09 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO10 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.
 RREPO11 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^6 RAD/HOUR BY 1.5 MEV
EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7×10^8 RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD, 2×10^9 RADS.
RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LUCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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PROJECT NUMBER 6165-00
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SYSTEM CI
 COMP/EQUIP 2EPO55/ELECTRICAL PENETRATION E-55
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 5.1

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP009	SIMULTANEOUS	RDEP009	RREPO09 R032
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP009	SIMULTANEOUS	RDEP010	RREPO10 R032
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP009	SIMULTANEOUS	RDEP011	RREPO11 R032
RADIATION ZONE C 1 2.0EO8		SEE REMARKS	SEE OUTST ITEMS	UDXX999	RDEP005	RDEP003	SEPERATE	RDEP012	RREPO12 R032
OPE TME MN N/A		1 YEAR	SEE OUTST ITEMS		RDEP005	RDEP008		RDEP013	RREPO14 R032
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS	RREPO05	R032
AGING									R032
SUBMERGENC N/A									R032

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP008 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEP009 D.G.O'BRIEN TEST REPORT NO. C19QA041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEPO09 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO10 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO11 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.
 ROEPO12 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO13 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORN (PH 4) TO A BORIC ACID-SODIUM HYDROX-
 IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO09 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO10 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO11 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
RREPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^6 RAD/HOUR BY 1.5 MEV
EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7×10^8 RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD, 2×10^9 RADS.
RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO56/ELECTRICAL PENETRATION E-56
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 5.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO09	SIMULTANEOUS	RDEPO09	RREPO09	R034
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO09	SIMULTANEOUS	RDEPO10	RREPO10	R034
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO09	SIMULTANEOUS	RDEPO11	RREPO11	R034
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999 RDEPO05 RDEPO03	SEPERATE	RDEPO12	RREPO12	R034
OPE TME MN	N/A	1 YEAR	SEE OUTST ITEMS	RDEPO05 RDEPO08		RDEPO13	RREPO14	R034
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS	RREPO05		R034
AGING								R034
SUBMERGENC	N/A							R034

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO08 INVESTIGATE EXISTENCE OF QUALIFICATION DOCUMENTATION REFERENCE WITH MANUFACTURER
 RDEPO09 D.G.O'BRIEN TEST REPORT NO. C19QA041, DATED 4/9/71
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

ROEPO09 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO10 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO11 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.
 ROEPO12 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 ROEPO13 QUALIFICATION: INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-
 IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO09 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC.
 TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO10 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX & 5 PSIG MIN FOR 10000 SEC.
 TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREPO11 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
RREPO12 SPECIFICATION: 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5×10^6 RAD/HOUR BY 1.5 MEV
EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7×10^8 RADS. 1 YEAR POST-ACCIDENT UNSHIELDED
BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1×10^7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1
YEAR DOSE PERIOD, 2×10^9 RADS.
RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2EPO16/ELECTRICAL PENETRATION E-16
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 4.1

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEPO05 RDEPO04	SIMULTANEOUS	RREPO01	R036
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05 RDEPO04	SIMULTANEOUS	RREPO02	R036
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05 RDEPO04	SIMULTANEOUS	RREPO03	R036
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03	SEPERATE	RREPO04	R036
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	RDEPO05 RDEPO03			R036
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS	RREPO05	R036
AGING							R036
SUBMERGENC	N/A						R036

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO04 D.G.O'BRIEN REPORT NO.C190A052, DATED 9/2/71
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2EPO27/ELECTRICAL PENETRATION E-27
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.1

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPC07	SIMULTANEOUS		RREPO01	R038	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	R038	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	R038	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R038	
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03				R038	
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R038	
AGING										R038	
SUBMERGENC	N/A									R038	

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 P,IG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2EPO40/ELECTRICAL PENETRATION E-40
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.1

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01 R040
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02 R040
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03 R040
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04 R040
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R040
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05 R040
AGING									R040
SUBMERGENC	N/A								R040

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2EPO47/ELECTRICAL PENETRATION E-47
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.1

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANLOUS		RREPO01	RO42
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	RO42
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	RO42
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	RO42
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				RO42
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	RO42
AGING										RO42
SUBMERGENC N/A										RO42

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROX-IDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2EPO50/ELECTRICAL PENETRATION E-50
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 2.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO01	R044
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO02	R044
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS	RREPO03	R044
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE	RREPO04	R044
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003			R044
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS	RREPO05	R044
AGING									R044
SUBMERGENC	N/A								R044

DOCUMENTATION

RDEP003 D.G. O'BRIEN REPORT NO. ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2EPO53/ELECTRICAL PENETRATION E-53
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.3

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO01	RO46
PRESS PSIA	ZONE C 1 62	SEE REMARKS	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO02	RO46
REL HUMID%	ZONE C 1 100	SEE REMARKS	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO03	RO46
RADIATION	ZONE C 1 2.0EOB	SEE REMARKS	UDXX999 RDEPO05 RDEPO03	SEPERATE	RREPO04	RO46
OPE TME MN	30 DAYS	1 YEAR	RDEPO05 RDEPO03			RO46
CHEM SPRAY		SEE REMARKS	RDEPO05	SEE REMARKS	RREPO05	RO46
AGING						RO46
SUBMERGENC	N/A					RO46

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RH, RV
 COMP/EQUIP 2EPO54/ELECTRICAL PENETRATION E-54
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.2

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO01	RO48
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO02	RO48
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO03	RO48
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	RO48
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			RO48
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	RO48
AGING									RO48
SUBMERGENC	N/A								RO48

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 8165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2EPO57/ELECTRICAL PENETRATION E-57
 MANUFACTURER D.G. O'BRIEN
 MODEL TYPE 2.1

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	R050	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	R050	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	R050	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R050	
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03				R050	
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R050	
AGING										R050	
SUBMERGENC	N/A									R050	

DOCUMENTATION

RDEPO03 D.G. O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO12/ELECTRICAL PENETRATION E-12
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS			RREPO01 R052
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS			RREPO02 R052
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS			RREPO03 R052
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03	SEPERATE			RREPO04 R052
OPE TME MN N/A		1 YEAR	48 HOURS		RDEPO05 RDEPO03			RREPO14 R052
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05 SEE REMARKS			RREPO05 R052
AGING								R052
SUBMERGENC N/A								R052

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA059, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO60/ELECTRICAL PENETRATION E-60
 MANUFACTUER D.G. O'BRIEN
 MODEL TYPE 2.3

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO01	R054
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO02	R054
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO03	R054
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPC05	RDEPO03	SEPERATE	RREPO04	R054
OPE TME MN	N/A	1 YEAR	48 HOURS		RDEPO05	RDEPO03		RREPO14	R054
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R054
AGING									R054
SUBMERGENC	N/A								R054

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HEL3 SAFE-SHUTDOWN ACTUATION SERVICES.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO01/ELECTRICAL PENETRATION E-1
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO01 RO88
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02 RO88
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03 RO88
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04 RO88
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03		RO88
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05 RO88
AGING								RO88
SUBMERCENC	N/A							RO88

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IP
 COMP/EQUIP 2EPO02/ELECTRICAL PENETRATION E-2
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 3.1

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS COMP	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO01	RO89
PRESS PSIA ZONE C 1 62		SEE REMARKS	45 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO02	RO89
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO03	RO89
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE		RREPO04	RO89
OPE TME MN LONG TIME		1 YEAR	48 HOURS		RDEP005	RDEP003				RO89
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS		RREPO05	RO89
AGING										RO89
SUBMURGENC N/A										RO89

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO.C19QA05B, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO03/ELECTRICAL PENETRATION E-3
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				OUTST**	*** NO
TEMP DEG F ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005 RDEP007	SIMULTANEOUS				RREPO01	RO90
PRESS PSIA ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005 RDEP007	SIMULTANEOUS				RREPO02	RO90
REL HUMID% ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005 RDEP007	SIMULTANEOUS				RREPO03	RO90
RADIATION ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005 RDEP003	SEPERATE				RREPO04	RO90
OPE TME MN 30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003				RO90
CHEM SPRAY	SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS		RREPO05	RO90
AGING									RO90
SUBMERGENC N/A									RO90

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO05/ELECTRICAL PENETRATION E-5
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	RO91
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	RO91
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	RO91
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	RO91
OPE TME MN		SEE REMARKS	SEE REMARKS					RREPO13	RO91
CHEM SPRAY		SEE REMARKS	SEE REMARKS					RREPO13	RO91
AGING		SEE REMARKS	SEE REMARKS					RREPO13	RO91
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS					RREPO13	RO91

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO07/ELECTRICAL PENETRATION E-7
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS	RREPO01	R092
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS	RREPO02	R092
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS	RREPO03	R092
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05	RDEPO03 SEPERATE	RREPO04	R092
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05 RDEPO03		R092
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05 SEE REMARKS	RREPO05	R092
AGING							R092
SUBMERGENC	N/A						R092

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO. C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIA FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 0.5 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO08/ELECTRICAL PENETRATION E-8
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R093
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R093
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R093
RADIATION	ZONE C 1 2.OE08	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R093
OPE TME MN		SEE REMARKS	SEE REMARKS						RREPO13	R093
CHEM SPRAY		SEE REMARKS	SEE REMARKS						RREPO13	R093
AGING		SEE REMARKS	SEE REMARKS						RREPO13	R093
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS						RREPO13	R093

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO09/ELECTRICAL PENETRATION E-9
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	R094
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	R094
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	R094
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R094
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				R094
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R094
AGING										R094
SUBMERGENC N/A										R094

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX / 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO10/ELECTRICAL PENETRATION E-10
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999 RDEP005	RDEP007 SIMULTANEOUS	RREPOO1	R095
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999 RDEP005	RDEP007 SIMULTANEOUS	RREPOO2	R095
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEP005	RDEP007 SIMULTANEOUS	RREPOO3	R095
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEP005	RDEP003 SEPERATE	RREPOO4	R095
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005 RDEP003		R095
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005 SEE REMARKS	RREPOO5	R095
AGING							R095
SUBMERGENC	N/A						R095

DOCUMENTATION

RDEP003 D.G.O'BRIEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPOO1 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPOO2 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPOO3 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPOO4 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPOO5 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO11/ELECTRICAL PENETRATION E-11
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO01	R096
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02	R096
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03	R096
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R096
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03			R096
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R096
AGING									R096
SUBMERGENC N/A									R096

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6155-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO13/ELECTRICAL PENETRATION E-13
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 5.2

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271	SEE REMARKS	270 DEG. F	UDXX999 RDEPO05 RDEPO11	SIMULTANEOUS				RREPO01	R097	
PRESS PSIA ZONE C 1 62	SEE REMARKS	52 PSIG	UDXX999 RDEPO05 RDEPO11	SIMULTANEOUS				RREPO02	R097	
REL HUMID% ZONE C 1 100	SEE REMARKS	100%	UDXX999 RDEPO05 RDEPO11	SIMULTANEOUS				RREPO03	R097	
RADIATION ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03	SEPERATE				RREPO04	R097	
OPE TME MN 30 DAYS	1 YEAR	48 HOURS	RDEPO05 RDEPO03						R097	
CHEM SPRAY	SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS				RREPO05	R097	
AGING									R097	
SUBMERGENC N/A									R097	

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO11 D.G.O'BRIEN TEST REPORT NO. C19QA062
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO14/ELECTRICAL PENETRATION E-14
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	R098	
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	R098	
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	R098	
RADIATION ZONE C 1 2.0EOB		SEE REMARKS	SEE REMARKS	UDXX999				RREPO13	R098	
OPE TME MN		SEE REMARKS	SEE REMARKS					RREPO13	R098	
CHEM SPRAY		SEE REMARKS	SEE REMARKS					RREPO13	R098	
AGING		SEE REMARKS	SEE REMARKS					RREPO13	R098	
SUBMERGENC N/A		SEE REMARKS	SEE REMARKS					RREPO13	R098	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO18/ELECTRICAL PENETRATION E-18
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPC05	RDEPO10	SIMULTANEOUS	RREPO01	R099
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02	R099
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03	R099
RADIATION	ZONE C 1 2.0EO8	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R099
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R099
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R099
AGING									R099
SUBMERGENC	N/A								R099

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO19/ELECTRICAL PENETRATION E-19
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	R100	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	R100	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	R100	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R100	
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03				R100	
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R100	
AGING										R100	
SUBMERGENC	N/A									R100	

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2306
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO20/ELECTRICAL PENETRATION E-20
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS			RREPO01 R101
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS			RREPO02 R101
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS			RREPO03 R101
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999 RDEPO05 RDEPO03	SEPERATE			RREPO04 R101
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05 RDEPO03			R101
CHEM SPRAY		SEE REMARKS	SEE REMARKS	RDEPO05	SEE REMARKS			RREPO05 R101
AGING								R101
SUBMERGENC N/A								R101

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO23/ELECTRICAL PENETRATION E-23
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13 R102
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13 R102
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13 R102
RADIATION	ZONE C 1 2.OE08	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13 R102
OPE TME MN		SEE REMARKS	SEE REMARKS						RREPO13 R102
CHEM SPRAY		SEE REMARKS	SEE REMARKS						RREPO13 R102
AGING		SEE REMARKS	SEE REMARKS						RREPO13 R102
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS						RREPO13 R102

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO24/ELECTRICAL PENETRATION E-24
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO06 R103
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO07 R103
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999	RDEPO05	RDEPO06	SIMULTANEOUS		RREPO08 R103
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04 R103
OPE TME MN	N/A	1 YEAR	49 HOURS		RDEPO05	RDEPO03			RREPO14 R103
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05 R103
AGING									R103
SUBMERGENC	N/A								R103

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO06 D.G. O'BRIEN REPORT NO.C19QA051, DATED 8/31/75
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 RREPO06 SPECIFICATION: 195 DEG. F FOR 10 SEC., 243 DEG. F FOR 700 SEC., 162 DEG. F FOR 10000 SEC., 150 DEG. F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 QUALIFICATION: 298 DEG. F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS
 RREPO07 SPECIFICATION: 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX. & 5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS
 QUALIFICATION: 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

RREFO08 SPECIFICATION: 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% FOR 48 HOURS
QUALIFICATION: 100% FOR 1 HOUR AND 100% FOR 48 HOURS
RREPO14 THIS PENETRATION IS NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO2B/ELECTRICAL PENETRATION E-2B
 MANUFACTURER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS		RREPO01	R104
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS		RREPO02	R104
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS		RREPO03	R104
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R104
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				R104
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		PREPO05	R104
AGING										R104
SUBMERGENC N/A										R104

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO29/ELECTRICAL PENETRATION E-29
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	R105	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	R105	
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	R105	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R105	
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03				R105	
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R105	
AGING										R105	
SUBMERGENC	N/A									R105	

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C190A058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO30/ELECTRICAL PENETRATION E-30
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO01	R106
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO02	R106
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO03	R106
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R106
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R106
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R106
AGING									R106
SUBMERGENC	N/A								R106

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC.,243 DEG.F FOR 700 SEC.,162 DEG.F FOR 10000 SEC.,150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC.,46 PSIG FOR 700 SEC.,11 PSIG FOR 10000 SEC.,10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC.,700 SEC.,10000 SEC.,AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO31/ELECTRICAL PENETRATION E-31
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO01	R107
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02	R107
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03	R107
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R107
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R107
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R107
AGING									R107
SUBMERGENC	N/A								R107

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO32/ELECTRICAL PENETRATION E-32
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	DIST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01 R108
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02 R108
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03 R108
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04 R108
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R108
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05 R108
AGING									R108
SUBMERGENC	N/A								R108

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR, 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR, 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO33/ELECTRICAL PENETRATION E-33
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS	RREPO01	R109
PRESS PSIA	ZONE C 1 62	SEE REMARKS	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS	RREPO02	R109
REL HUMID%	ZONE C 1 100	SEE REMARKS	UDXX999 RDEPO05	RDEPO07 SIMULTANEOUS	RREPO03	R109
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	UDXX999 RDEPO05	RDEPO03 SEPERATE	RREPO04	R109
OPE TME MN	30 DAYS	1 YEAR		RDEPO05 RDEPO03		R109
CHEM SPRAY		SEE REMARKS		RDEPO05 SEE REMARKS	RREPO05	R109
AGING						R109
SUBMERGENC	N/A					R109

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
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 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO35/ELECTRICAL PENETRATION C-35
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R110
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R110
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R110
RADIATION	ZONE C 1 2.0EOB	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R110
OPE TME MN		SEE REMARKS	SEE REMARKS						RREPO13	R110
CHEM SPRAY		SEE REMARKS	SEE REMARKS						RREPO13	R110
AGING		SEE REMARKS	SEE REMARKS						RREPO13	R110
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS						RREPO13	R110

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO36/ELECTRICAL PENETRATION E-36
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R111
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R111
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R111
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R111
OPE TME MN		SEE REMARKS	SEE REMARKS						RREPO13	R111
CHEM SPRAY		SEE REMARKS	SEE REMARKS						RREPO13	R111
AGING		SEE REMARKS	SEE REMARKS						RREPO13	R111
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS						RREPO13	R111

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO37/ELECTRICAL PENETRATION E-37
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO01	R112
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO02	R112
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS	RREPO03	R112
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R112
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R112
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R112
AGING									R112
SUBMERGENC	N/A								R112

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
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 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO38/ELECTRICAL PENETRATION E-38
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS		RREPO01	R113
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS		RREPO02	R113
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS		RREPO03	R113
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R113
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				R113
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R113
AGING										R113
SUBMERGENC N/A										R113

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
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 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO39/ELECTRICAL PENETRATION E-39
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY

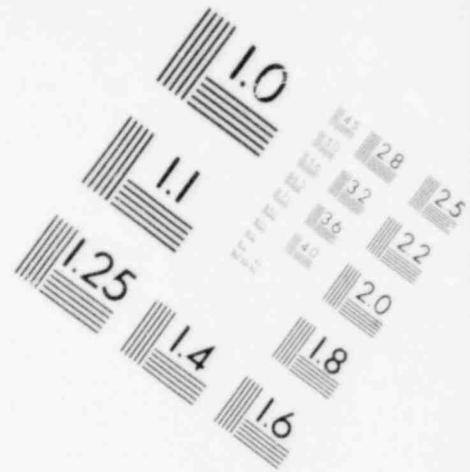
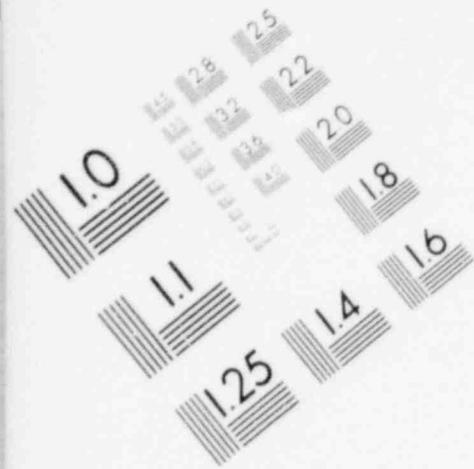
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R114
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R114
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R114
RADIATION	ZONE C 1 2.OEOB	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R114
OPE TME MN		SEE REMARKS	SEE REMARKS						RREPO13	R114
CHEM SPRAY		SEE REMARKS	SEE REMARKS						RREPO13	R114
AGING		SEE REMARKS	SEE REMARKS						RREPO13	R114
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS						RREPO13	R114

DOCUMENTATION

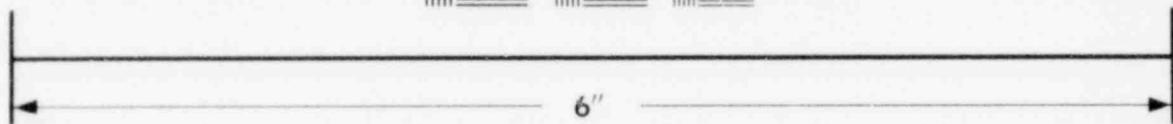
UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

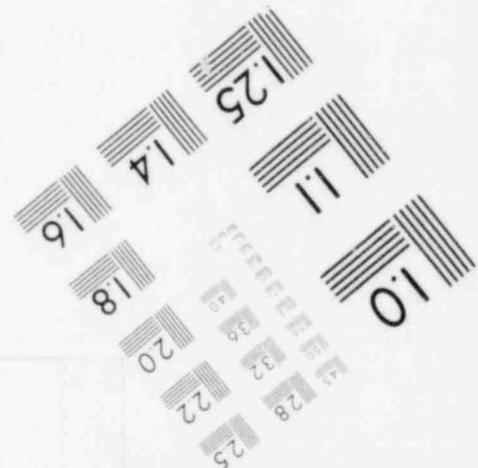
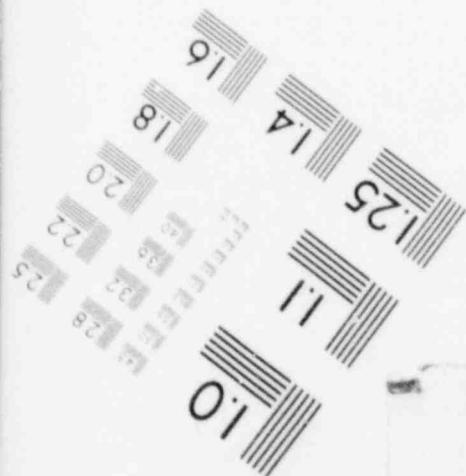
RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

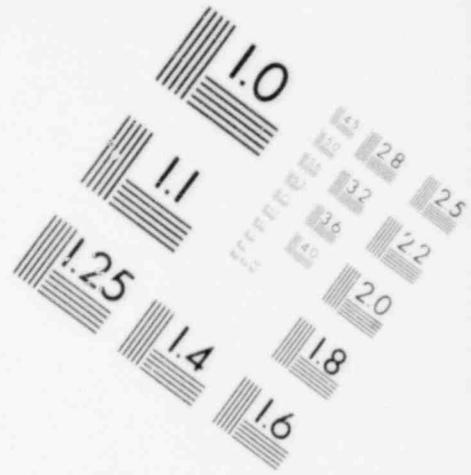
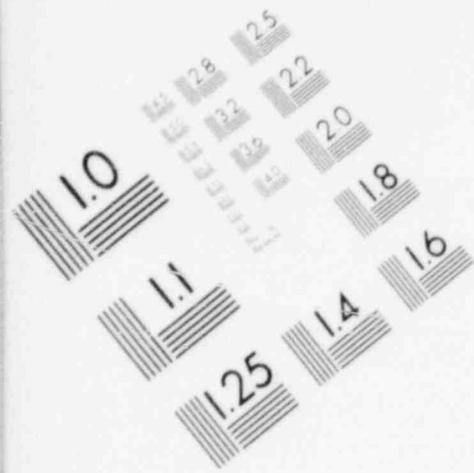


**IMAGE EVALUATION
TEST TARGET (MT-3)**

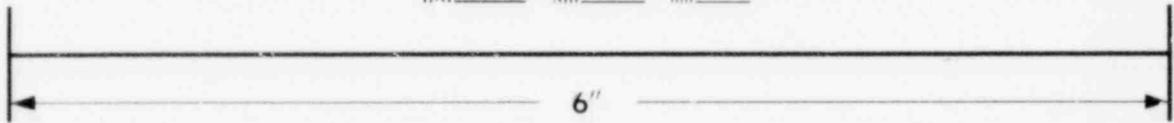


MICROCOPY RESOLUTION TEST CHART

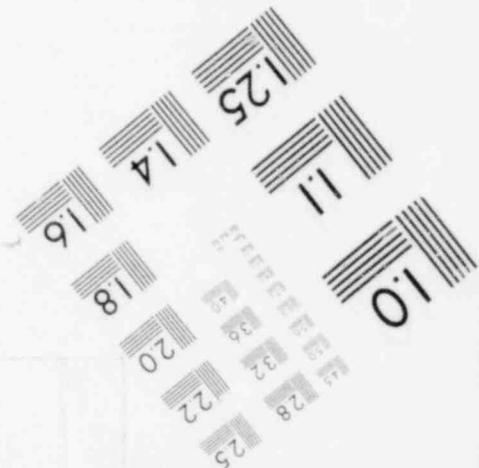
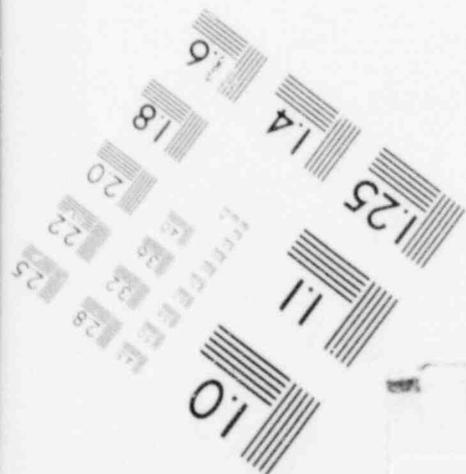




**IMAGE EVALUATION
TEST TARGET (MT-3)**



MICROCOPY RESOLUTION TEST CHART



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO41/ELECTRICAL PENETRATION E-41
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO01	R115
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02	R115
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03	R115
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04	R115
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03			R115
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05	R115
AGING									R115
SUBMERGENC	N/A								R115

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

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 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO42/ELECTRICAL PENETRATION E-42
 MANUFACTUER D.G.D'BRIEN
 MODEL TYPE 2.3

ACCURACY				ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO01	R116
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO02	R116
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEP005	RDEP007	SIMULTANEOUS		RREPO03	R116
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEP005	RDEP003	SEPERATE		RREPO04	R116
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEP005	RDEP003				R116
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEP005		SEE REMARKS		RREPO05	R116
AGING										R116
SUBMERGENC	N/A									R116

DOCUMENTATION

RDEP003 D.G.D'BRIEN REPORT NO.ER-192
 RDEP005 SARGENT & LUNDY SPEC. NO. X-2308
 RDEP007 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

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 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO43/ELECTRICAL PENETRATION E-43
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO01	R117
PRESS PSIA ZONE C 1 62		SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO02	R117
REL HUMID% ZONE C 1 100		SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO07	SIMULTANEOUS		RREPO03	R117
RADIATION ZONE C 1 2.0E08		SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE		RREPO04	R117
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		RDEPO05	RDEPO03				R117
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS		RREPO05	R117
AGING										R117
SUBMERGENC N/A										R117

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19QA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEM REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR AND 100% 48 HOURS
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 2000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO44/ELECTRICAL PENETRATION E-44
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 2.3

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO01	R118
PRESS PSIA	ZONE C 1 62	SEE REMARKS	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO02	R118
REL HUMID%	ZONE C 1 100	SEE REMARKS	UDXX999 RDEPO05 RDEPO07	SIMULTANEOUS	RREPO03	R118
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	UDXX999 RDEPO05 RDEPO03	SEPERATE	RREPO04	R118
OPE TME M:	30 DAYS	1 YEAR		RDEPO05 RDEPO03		R118
CHEM SPRAY		SEE REMARKS		RDEPO05 SEE REMARKS	RREPO05	R118
AGING						R118
SUBMERGENC	N/A					R118

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO.ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO07 D.G. O'BRIEN REPORT NO.C19CA058, DATED 4/4/72
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.3 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS.
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO48/ELECTRICAL PENETRATION E-48
 MANUFACTUER D.G.O'BRIEN
 MODEL TYPE 1.1

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	273 DEG. F	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO01 R119
PRESS PSIA	ZONE C 1 62	SEE REMARKS	46 PSIG	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO02 R119
REL HUMID%	ZONE C 1 100	SEE REMARKS	100%	UDXX999	RDEPO05	RDEPO10	SIMULTANEOUS	RREPO03 R119
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	3.0XE08 RADS	UDXX999	RDEPO05	RDEPO03	SEPERATE	RREPO04 R119
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		RDEPO05	RDEPO03		R119
CHEM SPRAY		SEE REMARKS	SEE REMARKS		RDEPO05		SEE REMARKS	RREPO05 R119
AGING								R119
SUBMERGENC	N/A							R119

DOCUMENTATION

RDEPO03 D.G.O'BRIEN REPORT NO. ER-192
 RDEPO05 SARGENT & LUNDY SPEC. NO. X-2308
 RDEPO10 D.G.O'BRIEN TEST REPORT NO. C19QA055
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO01 195 DEG.F FOR 10 SEC., 243 DEG.F FOR 700 SEC., 162 DEG.F FOR 10000 SEC., 150 DEG.F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG.F FOR 1 HOUR, 271 DEG. F FOR 48 HOURS.
 RREPO02 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG
 RREPO03 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAR. 100% FOR 1 HOUR AND 100% 48 HOURS
 RREPO04 1 YEAR POST-ACCIDENT UNSHIELDED GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 3.5 X 10E6 RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL 1 YEAR DOSE PERIOD, 1.7X10E8 RAD. 1 YEAR POST-ACCIDENT UNSHIELDED BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF 1 X 10E7 RADS/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL 1 YEAR DOSE PERIOD, 2 X 10E9 RADS
 RREPO05 SPECIFICATION: CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10.
 ENVIRONMENTAL QUALIFICATION: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78
 QUALIFICATION METHOD: CHEMICAL EFFECTS NOT TESTED PER D.G. O'BRIEN LETTER TO E. CAMPBELL DATED 8-25-78

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2EPO58/ELECTRICAL PENETRATION E-58
 MANUFACTUER D.G.O'BRIEN
 MODEL SPARE

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R120
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R120
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R120
RADIATION	ZONE C 1 2.0EOB	SEE REMARKS	SEE REMARKS	UDXX999					RREPO13	R120
OPE TME MN		SEE REMARKS	SEE REMARKS						RREPO13	R120
CHEM SPRAY		SEE REMARKS	SEE REMARKS						RREPO13	R120
AGING		SEE REMARKS	SEE REMARKS						RREPO13	R120
SUBMERGENC	N/A	SEE REMARKS	SEE REMARKS						RREPO13	R120

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

RREPO13 THIS PENETRATION EXISTS AS A SPARE SLEEVE THROUGH THE CONTAINMENT WALL CLOSED AND SEALED BY A STEEL FLANGE SO AS TO UPHOLD THE INTEGRITY OF THE CONTAINMENT STRUCTURE. BECAUSE OF THIS, QUALIFICATION DATA IS NOT APPLICABLE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2LP37/PRESS. HEATER CONTROL GROUP B DISTRIBUTION PANEL
 MANUFACTUER WESTINGHOUSE
 MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T022
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T022
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T022
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TDLPO04		T022
OPE TME MN										T022
CHEM SPRAY										T022
AGING										T022
SUBMERGENC										T022

DOCUMENTATION

TDLPO04 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUCALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TDLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PREFORMED TO DETERMINE IF IT IS ACTUCALLY NEED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC

COMP/EQUIP 2LP38/PRESS. HEATER BACKUP GROUP A DISTRIBUTION PANEL

MANUFACTUER WESTINGHOUSE

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPO04		TO24
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPOC4		TO24
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPOC4		TO24
RADIATION ZONE C 1 2.OE08		UTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPO04		TO24
OPE TME MIN										TO24
CHEM SPRAY										TO24
AGING										TO24
SUBMERGENC										TO24

DOCUMENTATION

TDLPO04 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUCALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PREFORMED TO DETERMINE IF IT IS ACTUCALLY NEED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC

COMP/EQUIP 2LP39/PRESS. HEATER BACKUP GROUP C DISTRIBUTION PANEL

MANUFACTURER WESTINGHOUSE

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPO04		T026
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPO04		T026
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPO04		T026
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO04	TDLPO07	SEE OUTST ITEMS	TOLPO04		T026
OPE TME MN										T026
CHEM SPRAY										T026
AGING										T026
SUBMERGENC										T026

DOCUMENTATION

TDLPO04 SARGENT & LUNDY SPEC. NO. X-2257
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2LP40/PRESS. HEATER TREMINAL CABINET, GROUP A&B DISTRIBUTION PANEL
 MANUFACTUER FISCHBACH-HATFIELD
 MODEL B/M NO. C-231

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F ZONE C : 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO02	TDLPO07	SEE OUTST ITEMS	TOLPO04		TO28	
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO02	TDLPO07	SEE OUTST ITEMS	TOLPO04		TO28	
REL HUMID% ZONE C : 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO02	TDLPO07	SEE OUTST ITEMS	TOLPO04		TO28	
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO02	TDLPO07	SEE OUTST ITEMS	TOLPO04		TO28	
OPE TME MN										TO28	
CHEM SPRAY										TO28	
AGING										TO28	
SUBMERGENC										TO28	

DOCUMENTATION

TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUCALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PREFORMED TO DETERMINE IF IT IS ACTUCALLY NEED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, MS

COMP/EQUIP 2X-2000/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM19

MANUFACTUER W. F. & JOHN BARNES COMPANY

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO08
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO08
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO08
RADIATION ZONE C 1 2.0E08		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO08
OPE TME MN										WO08
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	WO08
AGING										WO08
SUBMERGENC										WO08

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

 WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DAT 22 AUG 80

SYSTEM FW, MS
 COMP/EQUIP 2X-2002/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM22
 MANUFACTUER W. F. & JOHN BARNES COMPANY
 MODEL

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1 WO14
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2 WO14
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3 WO14
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4 WO14
OPE TME MN									WO14
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5 WO14
AGING									WO14
SUBMERGENC									WO14

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW

COMP/EQUIP 2X-2003/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM23

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS		COMP NO
				PLT DES	SPEC	QUAL			***	NO	
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO16	
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO16	
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO16	
RADIATION ZONE C 1 2.0E08		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO16	
DPE TME MN										WO16	
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	WO16	
AGING										WO16	
SUBMERGENC										WO16	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG, POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, MS
 COMP/EQUIP 2X-2004/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM24
 MANUFACTUER W. F. & JOHN BARNES COMPANY
 MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS		COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO	
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO18	
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO18	
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO18	
RADIATION ZONE C 1 2.OE08		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO18	
OPE TME MN										WO18	
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO5	WO18	
AGING										WO18	
SUBMERGENC										WO18	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, MS
 COMP/EQUIP 2X-2005/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM25
 MANUFACTURER W. F. & JOHN BARNES COMPANY
 MODEL

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO20	
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO20	
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO20	
RADIATION	ZONE C 1 2.0E08	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO20	
OPE TME MN										WO20	
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	WO20	
AGING										WO20	
SUBMERGENC										WO20	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, MS

COMP/EQUIP 2X-2007/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM27

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			OUTST**	*** NO
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO24
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO24
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO24
RADIATION ZONE C 1 2.0EOB		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO24
OPE TME MN										WO24
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	WO24
AGING										WO24
SUBMERGENC										WO24

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS

COMP/EQUIP 2X-2008/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM28

MANUFACTUER W. F. & JOHN BARNES COMPANY

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	OUTST**	***	COMP NO
		DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL					
TEMP DEG F ZONE	1 271	SEE REMARKS	SEE REMARKS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO1	WO26	
PRESS PSIA ZONE C	1 62	SEE REMARKS	SEE REMARKS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO2	WO26	
REL HUMID% ZONE C	1 100	SEE REMARKS	SEE REMARKS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO3	WO26	
RADIATION ZONE C	1 2.0E08	SEE REMARKS	SEE REMARKS	UDXX999	WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WRRMOO4	WO26	
OPE TME MN										WO26	
CHEM SPRAY		SEE REMARKS	SEE REMARKS		WDRMO01	WDRMO03	SEE OUTST ITEMS	WORMOO1	WPRMOO5	WO26	
AGING										WO26	
SUBMERGENC										WO26	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMO01 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMO03 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F. POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, MS
 COMP/EQUIP 2X-2010/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM30
 MANUFACTURER W. F. & JOHN BARNES COMPANY
 MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP
				PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1 WRRMOO1	WO30
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1 WRRMOO2	WO30
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1 WRRMOO3	WO30
RADIATION	ZONE C 1 2.0EO8	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1 WRRMOO4	WO30
OPE TME MN									WO30
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1 WRRMOO5	WO30
AGING									WO30
SUBMERGENC									WO30

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG, POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2X-2012/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM32
 MANUFACTUER W. F. & JOHN BARNES COMPANY
 MODEL

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WRRMOO1 W032
PRESS PSIA	ZONE C 1 62	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WRRMOO2 W032
REL HUMID%	ZONE C 1 100	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WRRMOO3 W032
RADIATION	ZONE C 1 2.0E06	SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WRRMOO4 W032
OPE TME MN									W032
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WDRMOO1	WRRMOO5 W032
AGING									W032
SUBMERGENC									W032

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW

COMP/EQUIP 2X-2013/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM33

MANUFACTURER W. F. & JOHN BARNES COMPANY

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS		COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO	
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1	W034	
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2	W034	
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3	W034	
RADIATION ZONE C 1 2.0EOB		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4	W034	
OPE TME MN										W034	
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	W034	
AGING										W034	
SUBMERGENC										W034	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WDRMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE =271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NEXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, SI
 COMP/EQUIP 2X-2014/JUNCTION BOX ON LOCAL INSTRUMENT RACK NO. 2RM34
 MANUFACTUER W. F. & JOHN BARNES COMPANY
 MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS		COMP NO
				PLT DES	SPEC	QUAL			***	NO	
TEMP DEG F ZONE C 1 271		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO1	W036	
PRESS PSIA ZONE C 1 62		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO2	W036	
REL HUMID% ZONE C 1 100		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO3	W036	
RADIATION ZONE C 1 2.OEO8		SEE REMARKS	SEE OUTST ITEMS	UDXX999	WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO4	W036	
OPE TME MN										W036	
CHEM SPRAY		SEE REMARKS	SEE OUTST ITEMS		WDRMOO1	WDRMOO3	SEE OUTST ITEMS	WORMOO1	WRRMOO5	W036	
AGING										W036	
SUBMERGENC										W036	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 WDRMOO1 SARGENT & LUNDY SPEC. NO. X-2313
 WDRMOO3 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA DOCUMENTATION REFERENCES.

OUTSTANDING ITEMS/REMARKS

WORMOO1 A LETTER WILL BE WRITTEN BY CECO TO W.F. & JOHN BARNES CO. REQUESTING ALL QUALIFICATION DATA ALONG WITH THE PROPER QUALIFICATION METHOD INFORMATION.
 WRRMOO1 SPECIFICATION: NORMAL AMBIENT TEMPERATURE =120 DEG. F, POST LOCA TEMPERATURE -271 DEG. F THE FIRST 2.75 HOURS, 219 DEG F FOR THE NEXT 21.25 HOURS AND 152 DEG. F FOR THE NEXT 364 DAYS
 WRRMOO2 SPECIFICATION: NORMAL PRESSURE =0.1 TO 0.3 PSIG. POST LOCA PRESSURE =47 PSIG FOR THE FIRST 2.75 HOURS, 20 PSIG FOR THE NEXT 21.25 HOURS AND 7 PSIG FOR THE NEXT 364 DAYS
 WRRMOO3 SPECIFICATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10
 WRRMOO4 SPECIFICATION: POST LOCA RADIATION =4.4 X 10E6 RADS/HOUR (MAX) FOR THE FIRST 2.75 HOURS, 2.2 X 10E6 RADS/HOUR (MAX) FOR THE NLXT 21.25 HOURS AND 0.4 X 10E6 RADS/HOUR FOR THE NEXT 364 DAYS
 WRRMOO5 SPECIF ATION: NORMAL HUMIDITY =50%. POST LOCA HUMIDITY IS COMPOSED OF AIR SATURATED WITH STEAM AND CAUSTIC SPRAY (NAOH). PH WILL RANGE FROM 8.5 TO 10



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC, VC
 COMP/EQUIP 2RBO084/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		XO17
PRESS PSIA	ZONE C 1 E2	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		XO17
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		XO17
RADIATION	ZONE C 1 2.OE08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		XO17
OPE TME MN										XO17
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		XO17
AGING										XO17
SUBMERGENC										XO17

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO094/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO01	XO18
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO02	XO18
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO03	XO18
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO04	XO18
OPE TME MN									XO18
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO05	XO18
AGING									XO18
SUBMERGENC									XO18

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO098/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X019	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X019	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X019	
RADIATION	ZONE C 1 2.OE08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X019	
OPE TME MN										X019	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X019	
AGING										X019	
SUBMERGENC										X019	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO099/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		XO20
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		XO20
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		XO20
RADIATION ZONE C 1 2.0EOB		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		XO20
OPE TME MN										XO20
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		XO20
AGING										XO20
SUBMERGENC										XO20

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO100/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		XO21	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		XO21	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		XO21	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		XO21	
OPE TME MN										XO21	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		XO21	
AGING										XO21	
SUBMERGENC										XO21	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO102/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBO01		X022
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBO02		X022
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBO03		X022
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBO04		X022
OPE TME MN								X022
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBO05		X022
AGING								X022
SUBMERGENC								X022

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO103/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X023
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X023
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X023
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X023
OPE TME MN								X023
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X023
AGING								X023
SUBMERGENC								X023

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO113/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		XO24
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		XO24
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		XO24
RADIATION ZONE C 1 2.0EOB		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		XO24
OPE TME MN										XO24
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		XO24
AGING										XO24
SUBMERGENC										XO24

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO173/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XCRBOO1		X025
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X025
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X025
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X025
OPE TME MN										X025
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X025
AGING										X025
SUBMERGENC										X025

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 CGMP/EQUIP 2RBO174/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	XO26
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	XO26
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	XO26
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	XO26
OPE TME MN									XO26
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	XO26
AGING									XO26
SUBMERGENC									XO26

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO175/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		XO27
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		XO27
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		XO27
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		XO27
OPE TME MN								XO27
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		XO27
AGING								XO27
SUBMERGENC								XO27

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO228/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X028	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X028	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X028	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X028	
OPE TME MN										X028	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X028	
AGING										X028	
SUBMERGENC										X028	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO231/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X029
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X029
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X029
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X029
OPE TME MN									X029
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X029
AGING									X029
SUBMERGENC									X029

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO234/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X030	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X030	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X030	
RADIATION	ZONE C 1 2.OEOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X030	
OPE TME MN										X030	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X030	
AGING										X030	
SUBMERGENC										X030	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION PEFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO236/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XURB002	SEE OUTST ITEMS	XORB001		X031	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X031	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X031	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X031	
OPE TME MN										X031	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X031	
AGING										X031	
SUBMERGENC										X031	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2RBO238/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO01		X032
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO02		X032
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO03		X032
RADIATION ZONE C 1 2.0EO8		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO04		X032
OPE TME MN								X032
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO05		X032
AGING								X032
SUBMERGENC								X032

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2RB0025/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST	Rf) . <S COMP *** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO1	X085
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO2	X085
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO3	X085
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO4	X085
OPE TME MN							X085
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO5	X085
AGING							X085
SUBMERGENC							X085

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2RBO021/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEM	XORBO01		X086
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEM	XORBO02		X086
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO03		X086
RADIATION	ZONE C 1 2.0EO8	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO04		X086
OPE TME MN								X086
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO05		X086
AGING								X086
SUBMERGENC								X086

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2RBO022/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XDRBO01		X087
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XDRBO02		X087
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XDRBO03		X087
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XDRBO04		X087
OPE TME MN										X087
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XDRBO05		X087
AGING										X087
SUBMERGENC										X087

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDRBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2RBO023/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO01	X088
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO02	X088
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO03	X088
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO04	X088
OPE TME MN									X088
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO05	X088
AGING									X088
SUBMERGENC									X088

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2RBC024/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB001		X089
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB002		X089
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB003		X089
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB004		X089
OPE TME MN								X089
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORB005		X089
AGING								X089
SUBMERGENC								X089

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RH
 COMP/EQUIP 2RBO313/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X093
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X093
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRE002	SEE OUTST ITEMS	XORBOO3		X093
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X093
OPE TME MN										X093
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X093
AGING										X093
SUBMERGENC										X093

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RH
 COMP/EQUIP 2RBO314/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NG
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X094
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X094
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X094
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X094
OPE TME MN										X094
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X094
AGING										X094
SUBMERGENC										X094

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RH
 COMP/EQUIP 2RBO360/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X095	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X095	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X095	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X095	
OPE TME MN										X095	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X095	
AGING										X095	
SUBMERGENC										X095	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO044/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X116
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X116
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X116
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X116
OPE TME MN										X116
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X116
AGING										X116
SUBMERGENC										X116

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO115/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X118	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X118	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X118	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X118	
OPE TME MN										X118	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X118	
AGING										X118	
SUBMERGENC										X118	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO124/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X120
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X120
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X120
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X120
OPE TME MN								X120
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X120
AGING								X120
SUBMERGENC								X120

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO130/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X122
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X122
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X122
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X122
OPE TME MN										X122
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X122
AGING										X122
SUBMERGENC										X122

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO131/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-21F

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X124
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X124
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X124
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X124
OPE TME MN										X124
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X124
AGING										X124
SUBMERGENC										X124

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO132/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X126
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X126
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X126
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X126
OPE TME MN								X126
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X126
AGING								X126
SUBMERGENC								X126

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO133/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X128
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X128
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X128
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X128
OPE TME MN										X128
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X128
AGING										X128
SUBMERGENC										X128

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO229/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X131
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X131
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X131
RADIATION ZONE C 1 2.0EOB		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X131
OPE TME MN								X131
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X131
AGING								X131
SUBMERGENC								X131

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2:BO235/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X133
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X133
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X133
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X133
OPE TME MN								X133
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X133
AGING								X133
SUBMERGENC								X133

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO307/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENTAL SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X135
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X135
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X135
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X135
OPE TME MN								X135
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X135
AGING								X135
SUBMERGENC								X135

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RB0308/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X137
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X137
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X137
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X137
OPE TME MN								X137
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X137
AGING								X137
SUBMERGENC								X137

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO309/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X139
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X139
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X139
RADIATION ZONE C 1 2.OEC8		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X139
OPE TME MN										X139
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X139
AGING										X139
SUBMERGENC										X139

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 CCMP/EQUIP 2RBO339/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X141
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X141
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X141
RADIATION ZONE C 1 2.0EO8		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X141
OPE TME MN										X141
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X141
AGING										X141
SUBMERGENC										X141

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO340/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO1		X143
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO2		X143
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO3		X143
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO4		X143
OPE TME MN								X143
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRB001 XDRB002	SEE OUTST ITEMS	XORBOO5		X143
AGING								X143
SUBMERGENC								X143

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO640/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X147	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X147	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X147	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X147	
OPE TME MN										X147	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X147	
AGING										X147	
SUBMERGENC										X147	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RBO641/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X148
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X148
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X148
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X148
OPE TME MN										X148
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X148
AGING										X148
SUBMERGENC										X148

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2RB0642/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1	X149
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2	X149
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3	X149
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4	X149
OPE TME MN						X149
CHEM SPRAY		SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5	X149
AGING						X149
SUBMERGENC						X149

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO007/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X208	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X208	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X208	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X208	
OPE TME MN									X208	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X208	
AGING									X208	
SUBMERGENC									X208	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO079/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X209
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X209
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X209
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X209
OPE TME MN										X209
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X209
AGING										X209
SUBMURGENC										X209

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO080/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X210
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X210
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBCO3		X210
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X210
OPE TME MN										X210
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X210
AGING										X210
SUBMERGENC										X210

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO081/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO01	X211
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO02	X211
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO03	X211
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO04	X211
OPE TME MN									X211
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO05	X211
AGING									X211
SUBMERCENC									X211

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO082/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X212
PRESS PSIA	ZCNE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X212
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X212
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X212
OPE TME MN									X212
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X212
AGING									X212
SUBMERGENC									X212

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO083/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X213	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X213	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X213	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X213	
OPE TME MN										X213	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X213	
AGING										X213	
SUBMERGENC										X213	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO085/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X214
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X214
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X214
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X214
OPE TME MN										X214
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X214
AGING										X214
SUBMERGENC										X214

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO086/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				FLT DES	SPEC	QUAL			***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X215
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X215
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X215
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X215
OPE TME MN										X215
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X215
AGING										X215
SUBMERGENC										X215

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO104/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X216
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X216
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X216
RADIATION ZONE C 1 2.0EOB		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X216
OPE TME MN										X216
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X216
AGING										X216
SUBMERGENC										X216

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO106/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X217
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X217
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X217
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X217
OPE TME MN								X217
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X217
AGING								X217
SUBMERGENC								X217

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO107/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-21F

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X218
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X218
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X218
RAD ATION	ZONE C 1 2.OEOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X218
OPE TME MN								X218
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X218
AGING								X218
SUBMERGENC								X218

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO111/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE C 1 271	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1	X219
PRESS PSIA ZONE C 1 60	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2	X219
REL HUMID% ZONE C 1 100	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3	X219
RADIATION ZONE C 1 2.0E08	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4	X219
OPE TME MN					X219
CHEM SPRAY	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5	X219
AGING					X219
SUBMERGENC					X219

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO112/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X220
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X220
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X220
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X220
OPE TME MN									X220
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X220
AGING									X220
SUBMERGENC									X220

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO119/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X221
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X221
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORPOO3		X221
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X221
OPE TME MN										X221
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X221
AGING										X221
SUBMURGENC										X221

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO128/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X222	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X222	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X222	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X222	
OPE TME MN										X222	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X222	
AGING										X222	
SUBMERGENC										X222	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO129/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X223
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X223
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X223
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X223
OPE TME MN								X223
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X223
AGING								X223
SUBMERGENC								X223

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO145/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X224	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X224	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X224	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X224	
OPE TME MN										X224	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X224	
AGING										X224	
SUBMERGENC										X224	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO146/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X225
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X225
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X225
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X225
OPE TME MN										X225
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X225
AGING										X225
SUBMERGENC										X225

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RB0202/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X226
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X226
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X226
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X226
OPE TME MN										X226
CHEM SPRA		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X226
AGING										X226
SUBMERGENC										X226

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO207/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X227	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X227	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X227	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X227	
PIPE TME MN										X227	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X227	
AGING										X227	
SUBMERGENC										X227	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO208/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X228
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X228
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X228
RADIATION ZONE C 1 2.0EO8		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X228
OPE TME MN								X228
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X228
AGING								X228
SUBMERGENC								X228

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO214/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X229
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X229
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X229
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X229
OPE TME MN									X229
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X229
AGING									X229
SUBMERGENC									X229

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO341/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1 X231
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2 X231
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3 X231
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4 X231
OPE TME MN						X231
CHEM SPRAY	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5	X231
AGING						X231
SUBMERGENC						X231

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO342/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X232
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X232
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X232
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X232
OPE TME MN									X232
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X232
AGING									X232
SUBMERCENC									X232

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO343/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-214

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X233
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X233
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X233
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X233
OPE TME MN									X233
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X233
AGING									X233
SUBMERGENC									X233

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
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 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO344/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X234	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X234	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X234	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X234	
OPE TME MN										X234	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X234	
AGING										X234	
SUBMERGENC										X234	

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO345/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X235	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X235	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X235	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X235	
OPE TME MN										X235	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X235	
AGING										X235	
SUBMERGENC										X235	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO346/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
				PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X236
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X236
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X236
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X236
OPE TME MN										X236
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X236
AGING										X236
SUBMERGENC										X236

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO347/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X237
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X237
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X237
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOC4		X237
OPE TME MN										X237
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X237
AGING										X237
SUBMERGENC										X237

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO348/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X238	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X238	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X238	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X238	
OPE TME MN										X238	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X238	
AGING										X238	
SUBMERGENC										X238	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
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 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO409/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-214

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL	OUTST**	***	NO
TEMP DEG F ZONE C 1 271	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1	X240
PRESS PSIA ZONE C 1 62	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2	X240
REL HUMID% ZONE C 1 100	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3	X240
RADIATION ZONE C 1 2.0EOB	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4	X240
OPE TME MN					X240
CHEM SPRAY	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5	X240
AGING					X240
SUBMERGENC					X240

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:39



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO410/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X241
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X241
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X241
RADIATION ZONE C 1 2.OEOB		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X241
OPE TME MN								X241
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X241
AGING								X241
SUBMERGENC								X241

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO411/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X242	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X242	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X242	
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X242	
OPE TME MN										X242	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X242	
AGING										X242	
SUBMERGENC										X242	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2RBO008/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP		
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL	OUTST**	***	NO		
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1	X243
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2	X243
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3	X243
RADIATION	ZONE C 1 2.OEOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4	X243
OPE TME MN							X243
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5	X243
AGING							X243
SUBMERGENC							X243

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM NR

COMP/EQUIP 2NR067/NUCLEAR INSTRUMENTATION- THERMOCOUPLE REF. TERMINAL BOX

MANUFACTURER

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO1		X421
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO2		X421
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO3		X421
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO4		X421
OPE TME MN										X421
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO5		X421
AGING										X421
SUBMERGENC										X421

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDNROO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDNROO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XONROO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM NR

COMP/EQUIP 2NR068/NUCLEAR INSTRUMENTATION- THERMOCOUPLE REF. TERMINAL BOX

MANUFACTUER

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO1		X423
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO2		X423
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO3		X423
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO4		X423
OPE TME MN										X423
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDNROO1	XDNROO2	SEE OUTST ITEMS	XONROO5		X423
AGING										X423
SUBMERGENC										X423

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDNROO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDNROO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XONROO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XONROO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2RBO412/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X575	
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X575	
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X575	
RADIATION	ZONE C 1 2.0EOB	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X575	
OPE TME MN										X575	
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X575	
AGING										X575	
SUBMERGENC										X575	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP	2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C247958 SH.43	22E-O-3064	Q030
		FUNCTION/SERVICE: POWER FEED FROM 480V SWGR ESS BUS 23B										
AP	2APO53	MOV HTRS- DIST.PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-O-3064	Q036
		FUNCTION/SERVICE: POWER FEED TO MOV HTRS										
AP	2APO54	MOV HTRS- DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-O-3064	Q037
		FUNCTION/SERVICE: POWER FEED TO MOV HTRS										
AV	2AV010	UNIT COOLER/ FAN MTR 1.5HP	WEST.	2 TYPE B/ 145 T FRAME	X-2281	113966	L/14 579'-0''	A14 AUX	N/A		M-79	E003
		FUNCTION/SERVICE: RECIP. CHARGING PUMP/TEMPERATURE CONTROL										
AV	2AV011	UNIT COOLER/ FAN MOTOR 3HP	WEST.	3 TYPE B/ 182 T FRAME	X-2281	113966	L/15 579'-0''	A14 AUX	N/A		M-79	E004
		FUNCTION/SERVICE: CENT. CHARGING PUMP/TEMPERATURE CONTROL										
AV	2AV012	UNIT COOLER/ FAN MOTOR 3HP	WEST.	3 TYPE B/ 182 T FRAME	X-2281	113966	L/17 579'-0''	A14 AUX	N/A		M-79	E004
		FUNCTION/SERVICE: CENT. CHARGING PUMP/TEMPERATURE CONTROL										
AV	2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C247958 SH.50	22E-O-3064	Q030
		FUNCTION/SERVICE: POWER SUPPLY FOR UNIT COOLER 2AV010										
CC	2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C247958 SH.43	22E-O-3064	Q030
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLVS 2MOV-CC9413B, -CC9438										
CC	2APO53	MOV HTRS- DIST.PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-O-3064	Q036
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS MOV HTRS										
CC	2APO54	MOV HTRS- DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-O-3064	Q037
		FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS MOV HTRS										
CC	2LP58	REMOTE SHDN PANEL DIV 28	FISH-H		X-2329	119387	K/15 579	A 8 AUX	N/A		22E-O-3063	T018
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR CC SYS PUMPS & VALVES										
CC	2LP59	REMOTE SHDN PANEL DIV 29	FISH-H		X-2329	119387	H/14 579	A 8 AUX	N/A		22E-O-3063	T019
		FUNCTION/SERVICE: CONT & INDIC FOR CC SYS PUMPS & VLVS										

COMPONENT/EQUIPMENT ID SHEET														
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	FLD BUILD	VENDOR DRAWING	SSL DRAWING	COMP NO	
CC	2AB0308	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 592	A	9	AUX	N/A	22E-0-3070	X057	
					FUNCTION/SERVICE:									
CC	2AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592	A	9	AUX	N/A	22E-0-3069	X058	
					FUNCTION/SERVICE:									
CC	2AB0310	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592	A	9	AUX	N/A	22E-0-3069	X059	
					FUNCTION/SERVICE:									
CC	2AB0108	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A	12	AUX	N/A	22E-2-3207	X578	
					FUNCTION/SERVICE:									
CI	2MOV-CC9438	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	P/17 588'-0''	A	12	AUX	N/A	88414/1	M-523	B001
					FUNCTION/SERVICE:									
CI	2MOV-VC8105	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/17 579'-0''	A	12	AUX	N/A	88405-2	M-55	B001
					FUNCTION/SERVICE:									
CI	2MOV-VC8106	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/17 579'-0''	A	12	AUX	N/A	88405-2	M-55	B001
					FUNCTION/SERVICE:									
CI	2MOV-CC685	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	O/17 588'-0''	A	12	AUX	N/A	88414/1	M-523	B001
					FUNCTION/SERVICE:									
CI	2MOV-CC9413A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	P/17 588'-0''	A	12	AUX	N/A	93-13118	M-523	B001
					FUNCTION/SERVICE:									
CI	2MOV-CC9413B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	P/17 588'-0''	A	12	AUX	N/A	93-13118	M-523	B001
					FUNCTION/SERVICE:									
CI	2ADV-CC9437	SOLENOID OPERATOR	ASCO	LB-831654	G-676270	091713	Z29 602'-0''	A	12	AUX	N/A	CP1-18-71RE	M-523	B002
					FUNCTION/SERVICE:									
CI	2MOV-FW0016	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	Z20 585'-0''	T	3	LSVR	N/A	036790-4	M-502	B003
					FUNCTION/SERVICE:									

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 2MOV-FW0017	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	Z25 585'-0"	T 3 LSVR	N/A	036790-4	M-502	B003
	FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER										
CI 2MOV-FW0018	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	Z25 585'-0"	T 3 LSVR	N/A	036790-4	M-502	B003
	FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER										
CI 2MOV-FW0019	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321	Z28 585'-0"	T 3 LSVR	N/A	036790-4	M-502	B003
	FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER										
CI 2A0V-BD0001	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z19 580'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0002	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z19 585'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0003	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z19 580'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0004	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z19 585'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0005	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z25 580'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0006	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z25 585'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0007	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z25 580'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-BD0008	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2296	109347	Z25 585'-0"	T 3 LSVR	N/A	CP-1223-07	M-45	B004
	FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.										
CI 2A0V-LCV-DT1003	SOLENOID OPERATOR	ASCO	LB-83146	G-676381	086075	Z29 579'-0"	A12 AUX	N/A	WAPD-CV-SS-8R	M-87	B005
	FUNCTION/SERVICE:ACTUATES VALVE/TO HOLDUP TANK FROM REACTOR COOLANT DRAIN PUMP										



COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2ADV-RC8025	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-53	B005
FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK												
CI	2ADV-RC8026	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-54	B005
FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK												
CI	2ADV-RC8028	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075	Z29 579'-0''	A12 AUX	N/A	WAPD-CS-SS-8R	M-54	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK												
CI	2ADV-RC8029	SOLENOID OPERATOR	ASCO	FT-831657	G-676281	086075	Z29 579'-0''	A12 AUX	N/A	WAPD-CS-SS-8R	M-54	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK												
CI	2ADV-RC8033	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075	Z29 579'-0''	A12 AUX	N/A	WAPD-CV-SS-2R	M-54	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD												
CI	2ADV-SS9354A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE												
CI	2ADV-SS9354B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE												
CI	2ADV-SS9355A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE												
CI	2ADV-SS9355B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE												
CI	2ADV-SS9356A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D												
CI	2ADV-SS9356B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D												
CI	2ADV-SS9357A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z29 579'-0''	A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES												

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COMPONENT/EQUIPMENT ID SHEET													
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2ADV-559357B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000	Z/29 579'-0''	A12	AUX	N/A	CPT-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES													
CI	2ADV-VC-8152	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075	Z/29 592'-0''	A12	AUX	N/A	WAPD-CV-55-2R		B006
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD													
CI	2ADV-VC-8153	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075	Z/29 592'-0''	A12	AUX	N/A	WAPD-CV-55-2R		B006
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD													
CI	2FCV-BD17	SOLENOID OPERATOR	ASCO	HBX-R320A26	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-513	B007
FUNCTION/SERVICE: ACTUATES VALVE/TO BLOWDOWN CONDENSER													
CI	2FCV-FPOB	SOLENOID OPERATOR	ASCO	LB-8320A26	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-43	B007
FUNCTION/SERVICE: ACTUATES VALVE/FROM CHARCOAL FILTER													
CI	2FCV-IA01A	SOLENOID OPERATOR	ASCO	HV-2009242RF	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-72	B007
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT ISOLATION													
CI	2FCV-IA01B	SOLENOID OPERATOR	ASCO	HV-2009242RF	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-72	B007
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT ISOLATION													
CI	2FCV-PR19A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-70	B007
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT ISOLATION													
CI	2FCV-PR19B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-70	B007
FUNCTION/SERVICE: ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION													
CI	2FCV-PR20A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-70	B007
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT ISOLATION													
CI	2FCV-PR20B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12	AUX	N/A		M-70	B007
FUNCTION/SERVICE: ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION													
CI	2FCV-PR21A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0''	A12	AUX	N/A		M-70	B007
FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT ISOLATION													

COMPONENT/EQUIPMENT ID SHEET

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CI	2FCV-PR21B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION												
CI	2FCV-PR22A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/CONTAINMENT ISOLATION												
CI	2FCV-PR22B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/AIR MONITOR CONTAINMENT ISOLATION												
CI	2FCV-PR23A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/RV LEK DET ISOLATION												
CI	2FCV-PR23B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/RV LEK DET ISOLATION												
CI	2FCV-PR24A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/GAS MONITOR ISOLATION												
CI	2FCV-PR24B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-70	B007
FUNCTION/SERVICE:ACTUATES VALVE/G'S MONITOR ISOLATION												
CI	2FCV-RV111	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A			B007
FUNCTION/SERVICE:ACTUATES VALVE/HTG S CNT ISOLATION												
CI	2FCV-RV112	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-84	B007
FUNCTION/SERVICE:ACTUATES VALVE/HTG S CNT ISOLATION												
CI	2FCV-RV113	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-84	B007
FUNCTION/SERVICE:ACTUATES VALVE/HTG S CNT ISOLATION												
CI	2FCV-RV114	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0''	A12 AUX	N/A		M-84	B007
FUNCTION/SERVICE:ACTUATES VALVE/HTG S CNT ISOLATION												
CI	2FCV-SA01A	SOLENOID OPERATOR	ASCO	HTX-8320A26	X-2296		Z/29 592'-0''	A12 AUX	N/A		M-71	B007
FUNCTION/SERVICE:ACTUATES VALVE/HEADER ISOLATION												

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 2FCV-SA01B	SOLENOID OPERATOR	ASCO	HTX-8320A26	X-2296		Z/29 592'-0"	A12 AUX	N/A		M-71	B007
			FUNCTION/SERVICE: ACTUATES VALVE/HEADER ISOLATION								
CI 2FCV-5502	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0"	A12 AUX	N/A		M-71	B007
			FUNCTION/SERVICE: ACTUATES VALVE/STEAM GENERATOR SAMPLE								
CI 2FCV-5503	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0"	A12 AUX	N/A		M-45	B007
			FUNCTION/SERVICE: ACTUATES VALVE/STEAM GENERATOR SAMPLE								
CI 2FCV-5504	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0"	A12 AUX	N/A		M-45	B007
			FUNCTION/SERVICE: ACTUATES VALVE/STEAM GENERATOR SAMPLE								
CI 2FCV-5505	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0"	A12 AUX	N/A		M-45	B007
			FUNCTION/SERVICE: ACTUATES VALVE/STEAM GENERATOR SAMPLE								
CI 2FCV-VF01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296		Z/29 592'-0"	A12 AUX	N/A		M-70	B007
			FUNCTION/SERVICE: ACTUATES VALVE/FILTERED VENTS FROM CONTAINMENT								
CI 2FCV-VF01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0"	A12 AUX	N/A		M-70	B007
			FUNCTION/SERVICE: ACTUATES VALVE/FILTERED VENTS FROM CONTAINMENT								
CI 2FCV-VN02A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0"	A12 AUX	N/A		M-70	B007
			FUNCTION/SERVICE: ACTUATES VALVE/NON-FILTERED VENTS FROM CONTAINMENT								
CI 2FCV-VN02B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0"	A12 AUX	N/A		M-70	B007
			FUNCTION/SERVICE: ACTUATES VALVE/NON-FILTERED VENTS FROM CONTAINMENT								
CI 2FCV-WD17A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0"	A12 AUX	N/A		M-70	B007
			FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT SUMP PUMP DISCHARGE								
CI 2FCV-WD17B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	Z/29 592'-0"	A12 AUX	N/A		M-70	B007
			FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT SUMP PUMP DISCHARGE								
CI 2MOV-VCB100	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-6762SB	103251	P/17 595'-0"	A12 AUX	N/A	93-13114	M-55	B008
			FUNCTION/SERVICE: ACTUATES VALVE/FROM REACTOR COOLANT PUMP & SEAL TO SEAL WATER HEAT EXCH.								



COMPONENT/EQUIPMENT ID SHEET

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CI	2MOV-CC9414	VALVE MOTOR OPERATOR	LMTQ	5MB-0	G-676258	103251	P/17 588'-0"	A12 AUX	N/A	93-13118	M-523	B009
					FUNCTION/SERVICE: ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLING PUMPS							
CI	2ADV-RV0002	SOLENOID OPERATOR	ACSO	83160E34	X-2302	109905	Z28 617'-0"	A12 AUX	N/A		M-536	D102
					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT PURGE SYSTEM ISOLATION							
CI	2ADV-RV0004	SOLENOID OPERATOR	ACSO	83160E34	X-2302	109905	Z28 617'-0"	A12 AUX	N/A		M-536	D102
					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT PURGE SYSTEM ISOLATION							
CI	2ADV-RV0005	SOLENOID OPERATOR	ROSS	233693	X-2218	398321	617'-0"	A12 AUX	N/A		M-536	D103
					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT RELIEF SYSTEM							
CI	2ADV-RV0006	SOLENOID OPERATOR	ROSS	233693	X-2218	398321	617'-0"	A12 AUX	N/A		M-536	D103
					FUNCTION/SERVICE: ACTUATES VALVE/CONTAINMENT RELIEF SYSTEM							
CI	2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C247958 SH.43	22E-0-3064	Q030
					FUNCTION/SERVICE: POWER SUPPLY FOR CC SYS VLV 2MOV-CC9414							
CI	2APO53	MOV HTRS-DIST. PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q036
					FUNCTION/SERVICE:							
CI	2APO54	MOV HTRS-DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q037
					FUNCTION/SERVICE:							
CI	2APO22	480V AUX BLDG MCC 2341A	GE	7700 LINE	X-2260	103869	N/19 617	A 9 AUX	N/A	75C247958 SH.53	22E-0-3078	Q059
					FUNCTION/SERVICE: POWER SUPPLY FOR PUMPS OWDO30, 2WDO86, OWDO80							
CI	2AB0110	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/19 590	A 9 AUX	N/A		22E-2-3207	X035
					FUNCTION/SERVICE: LETDOWN LINE CONTAINER ISOL VLV 2ADV-VCB153							
CI	2AB0109	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 590	A 9 AUX	N/A		22E-2-3207	X053
					FUNCTION/SERVICE: LETDOWN LINE CONTAINER ISOL VLV 2ACV-VCB152							
CI	2AB0072	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX	N/A		22E-2-3207	X071
					FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV114							

COMPONENT/EQUIPMENT ID SHEET

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CI	2AB0073	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX	N/A		22E-2-3207	X072
		FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV113										
CI	2AB0074	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX	N/A		22E-2-3207	X073
		FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV111										
CI	2AB0075	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX	N/A		22E-2-3207	X074
		FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV112										
CI	2AB0071	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12 AUX	N/A		22E-2-3207	X302
		FUNCTION/SERVICE: FP SYS CONTAINMENT ISOLATION VALVE 2FCV-FP08										
CI	2AB0080	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12 AUX	N/A		22E-2-3207	X303
		FUNCTION/SERVICE: SA ISOL AIR OPER VLV 2FCV-SAO1A										
CI	2AB0081	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12 AUX	N/A		22E-2-3207	X304
		FUNCTION/SERVICE: SA ISOL AIR OPER VLV 2FCV-SAO1B										
CI	2AB0104	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A12 AUX	N/A		22E-2-3207	X309
		FUNCTION/SERVICE: RX LEAK DETECT AIR SPACE ISOL VLV 2FCV-PR19A, 20A, 21A, 22A, 23A										
CI	2AB0105	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A12 AUX	N/A		22E-2-3207	X310
		FUNCTION/SERVICE: PRESS RELIEF VLV SPRAY LINE CONTAINER ISOL VLV 2AOV-RC8028										
CI	2AB0107	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12 AUX	N/A		22E-2-3207	X311
		FUNCTION/SERVICE: NONFILTER VENT HDR ISOL VLV 2FCV-VN02B										
CI	2AB0112	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A12 AUX	N/A		22E-2-3207	X313
		FUNCTION/SERVICE: RX COOLANT DRAIN TANK TO GAS ANALYZER ISOL VLV 2AOV-DT9159B; 2FCV-IA01B										
CI	2AB0118	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 574	A12 AUX	N/A		22E-2-3207	X317
		FUNCTION/SERVICE: RX COOLANT DRAIN PUMP DISCH ISOL VLV 2AOV-LCV-DT1003										
CI	2AB0121	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 574	A12 AUX	N/A		22E-2-3207	X320
		FUNCTION/SERVICE: RX COOLANT DRAIN PUMP DISCH ISOL VLV 2AOV-DT9170										

COMPONENT/EQUIPMENT ID SHEET													
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CI 2AB0145	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12	AUX	N/A		22E-2-3207	X323
*					FUNCTION/SERVICE:		RX COOLANT DRAIN TANK VENT ISOL	VLV	2A0V-DT9160A				
*	CI 2AB0146	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12	AUX	N/A		22E-2-3207	X324
*					FUNCTION/SERVICE:		RX COOLANT DRAIN TANK VENT ISOL	VLV	2A0V-DT9160B				
*	CI 2AB0147	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12	AUX	N/A		22E-2-3207	X325
*					FUNCTION/SERVICE:		CONTAINMENT AIR SAMPLE INLET ISOL	VLV	2FCV-PR24A,2FCV-1A014				
*	CI 2AB0148	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12	AUX	N/A		22E-2-3207	X326
*					FUNCTION/SERVICE:		RX COOLANT DRAIN TANK TO GAS ANALYZER ISOL	VLV	2A0V-DT9159A				
*	CI 2AB0154	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12	AUX	N/A		22E-2-3207	X327
*					FUNCTION/SERVICE:		STM GEN BLOWDOWN SAMPLE ISOL	VLV	2FCV-SS06;2A0V-RC8025				
*	CI 2AB0155	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12	AUX	N/A		22E-2-3207	X328
*					FUNCTION/SERVICE:		PRESS. STM SAMPLE ISOL	VLV	2FCV-SS9354B				
*					FUNCTION/SERVICE:		PRESS. LIQUID SAMPLE ISOL	VLV	2FCV-SS9355B				
*					FUNCTION/SERVICE:		REACTOR COOLANT HOT LEGS SAMPLE ISOL	VLV	2FCV-SS9356B				
*	CI 2AB0156	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12	AUX	N/A		22E-2-3207	X329
*					FUNCTION/SERVICE:		PRESS. STM SAMPLE ISOL	VLV	2FCV-SS9354A				
*					FUNCTION/SERVICE:		PRESS. LIQUID SAMPLE ISOL	VLV	2FCV-SS9355A				
*					FUNCTION/SERVICE:		REACTOR COOLANT HOT LEGS SAMPLE ISOL	VLV	2FCV-SS9356A				
*	CI 2AB0166	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12	AUX	N/A		22E-2-3207	X330
*					FUNCTION/SERVICE:		ACCUMULATOR TANKS SAMPLE ISOL	VLV	2FCV-SS9357A				
*	CI 2AB0167	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 590	A12	AUX	N/A		22E-2-3207	X331
*					FUNCTION/SERVICE:		ACCUMULATOR TANKS SAMPLE ISOL	VLV	2FCV-SS9357B				
*	CI 2AB0171	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12	AUX	N/A		22E-2-3207	X332
*					FUNCTION/SERVICE:		STM GEN BLOWDOWN ISOL	VLV	2FCV-BD17				
*	CI 2AB0182	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 90	A12	AUX	N/A		22E-2-3207	X333
*					FUNCTION/SERVICE:		PRESS RELIEF TANK SP. Y LINE CONTAINER ISOL	VLV	2A0V-RC8029				

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COMPONENT/EQUIPMENT ID SHEET

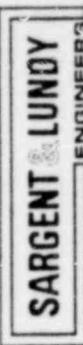
PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCEDURE SPEC	CECD P. D. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
CI 2AB0183	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/17	A12 AUX	N/A		22E-2-3207	X334
		FUNCTION/SERVICE: PRESS RELIEF TAND TO GAS ANALYZER VLV 2ADV-RC8026								
CI 2AB0184	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/17	A12 AUX	N/A		22E-2-3207	X335
		FUNCTION/SERVICE: PRT NITROGEN SUPPLY LINE CONTAINER ISOLATION VLV 2ADV-RC8033								
CI 2AB0259	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/17	A12 AUX	N/A		22E-2-3207	X336
		FUNCTION/SERVICE: WASTE DISPOSAL SYS DISCH ISOL VLV 2FCV-WD0017A								
CI 2AB0260	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/17	A12 AUX	N/A		22E-2-3207	X337
		FUNCTION/SERVICE: WASTE DISPOSAL SYS DISCH ISOL VLV 2FCV-WD0017B								
CI 2AB0264	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/17	A12 AUX	N/A		22E-2-3207	X338
		FUNCTION/SERVICE: FILTER VENT HDR ISOL VLV 2ADV-VF01A								
CI 2AB0265	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/17	A12 AUX	N/A		22E-2-3207	X339
		FUNCTION/SERVICE: NONFILTER VENT HDR ISOL VLV 2FCV-VN02A								
CI 2AB0492	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/12	A 9 AUX	N/A		22E-2-3208	X344
		FUNCTION/SERVICE: STM GEN BLOWDOWN & M.U. WTR ANALY. SOL VLV 2FCV-SS02.3.4&5								
CI 2K-2011	JUNCTION BOX (SPLICE)	FISH-H EB-214	X-2329	119387	P/16	A12	N/A		22E-2-3408	X351
		FUNCTION/SERVICE: SIGNAL TO COMPUTER FOR UPSTREAM & DOWNSTREAM CUMTMT SUMP PUMP DISCH 2FOY-WD30.2FT-WD30								
CI 2K-2021	JUNCTION BOX	FISH-H EB-214	X-2329	119387	P/17	A12 AUX	N/A		22E-2-3408	X354
		FUNCTION/SERVICE: SIGNAL UPSTREAM, DOWNSTREAM RX COOLANT DRAIN PUMP DISCH FLOW COMPUTER 2FOY-DT10								
CI 2R80052	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z25	T 3 LSVR	N/A		22E-2-3247	X377
		FUNCTION/SERVICE: STM GEN 2C BLOWDOWN ISOL VLV 2ADV-BD00005								
CI 2R80053	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z25	T 3 LSVR	N/A		22E-2-3247	X378
		FUNCTION/SERVICE: STM GEN 2A BLOWDOWN ISOL VLV 2ADV-BD00007								



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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPE	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 2RBO067	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z20	T 3 LSVR	N/A	22E-2-3246	X379	
		FUNCTION/SERVICE: STM GEN 2D BLOWDOWN ISOL. VLV 2A0V-BD0003								
CI 2RBO074	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z20	T 3 LSVR	N/A	22E-2-3246	X380	
		FUNCTION/SERVICE: STM GEN 2B BLOWDOWN ISOL. VLV 2A0V-BD0001								
CI 2RBO148	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z19	T 4 TUNN	N/A	22E-2-3247	X385	
		FUNCTION/SERVICE: STM GEN 2B BLOWDOWN ISOL. VLV 2A0V-BD0002								
		FUNCTION/SERVICE: STM GEN 2B BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS02								
CI 2RBO149	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z19	T 4 TUNN	N/A	22E-2-3246	X386	
		FUNCTION/SERVICE: STM GEN 2B BLOWDOWN ISOL. VLV 2FCV-SS03								
		FUNCTION/SERVICE: STM GEN 2D BLOWDOWN ISOL. VLV 2A0V-BD0004								
CI 2RBO152	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z25	T 3 LSVR	N/A	22E-2-3247	X387	
		FUNCTION/SERVICE: STM GEN 2A BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS05								
		FUNCTION/SERVICE: STM GEN 2A BLOWDOWN ISOL. VLV 2A0V-BD0008								
CI 2RBO153	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z25	T 3 LSVR	N/A	22E-2-3247	X388	
		FUNCTION/SERVICE: STM GEN 2C BLOWDOWN ISOL. VLV 2A0V-BD0006								
		FUNCTION/SERVICE: STM GEN 2C BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS04								
CI 2RBO391	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z25	T 4 TUNN	N/A	22E-2-3247	X391	
		FUNCTION/SERVICE: STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS04&5								
CI 2RBO392	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z19	T 4 TUNN	N/A	22E-2-3245	X392	
		FUNCTION/SERVICE: STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS02&3								
CI 24BO263	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/17	A12 AUX	N/A	22E-2-3207	X400	
		FUNCTION/SERVICE: FILTER VENT HDR ISOL VLV 2A0V-VF01B								
CI 24BO108	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/17	A12 AUX	N/A	22E-2-3207	X578	
		FUNCTION/SERVICE: CC FROM LETDOWN DISCH STOP VLV 2A0V-CC9437								
CS 2LIS-CS44	LEVEL INDICATOR SWITCH	MAGNE-TROL	R2-1212-002	CECO	K/17	A 9 AUX	N/A	M-514, M-293	M003	
		FUNCTION/SERVICE: SRAV ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL								



*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET		PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
		COMPONENT/ EQUIPMENT	MODEL NUMBER								
CS 2LIS-CS45	LEVEL INDICA SWITCH	MAGNE- TROL	82-1212-002	CECO		K/17 592'-0''	A 9 AUX	N/A		M-514,M-293	MO03
		FUNCTION/SERVICE: SRAV ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL									
CS 2AP053	MOV HTRS- DIST. PNL-DIV 27	FISH-H B/M-C-45B		X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q036
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS MOV HTRS									
CS 2AP054	MOV HTRS- DIST. PNL-DIV 28	FISH-H B/M-C-45B		X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q037
		FUNCTION/SERVICE: POWER SUPPLY FOR CS SYS MOV HTRS									
FW 2FW005	PUMP MOTOR UNIT	WEST	HSDP	X-2247 X-2200		H/17 579'-0''	A 8 AUX	N/A	FC-45796	M-502	B751
		FUNCTION/SERVICE: ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN									
FW 2FW006	PUMP MOTOR UNIT	WEST	HSDP	X-2247 X-2200		H/17 579'-0''	A 8 AUX	N/A	FC-45796	M-502	B751
		FUNCTION/SERVICE: ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN									
FW 2FW004	PUMP MOTOR UNIT (OIL)	WEST	SBDP	X-2247 X-2200		H/18 579'-0''	A 8 AUX	N/A	FC-45801-0	M-502	B752
		FUNCTION/SERVICE: LUBRICATES PUMP/AUX FW PUMP TURBINE DRIVEN									
FW 2MOV-FW0075	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	H/18 579'-0''	A 8 AUX	N/A	037404	M-37-2	B755
		FUNCTION/SERVICE: ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY									
FW 2MOV-FW0074	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/17 579'-0''	A 8 AUX	N/A	037430-2	M-37-2	B756
		FUNCTION/SERVICE: ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY									
FW 2MOV-FW0076	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/17 579'-0''	A 8 AUX	N/A	037430-2	M-37-2	B756
		FUNCTION/SERVICE: ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY									
FW 2MOV-FW0050	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	P/16 600'-0''	A12 AUX	N/A	037420-6	M-502	B757
		FUNCTION/SERVICE: ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS									
FW 2MOV-FW0051	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	P/16 600'-0''	A12 AUX	N/A	037420-6	M-502	B757
		FUNCTION/SERVICE: ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS									
FW 2MOV-FW0052	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	P/16 583'-0''	A12 AUX	N/A	037420-6	M-502	B757
		FUNCTION/SERVICE: ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS									

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FW 2MOV-FW0053	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 583'-0''	A12 AUX	N/A	037420-6	M-502	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 2MOV-FW0054	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/17 576'-0''	A12 AUX	N/A	037420-6	M-502	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 2MOV-FW0055	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 579'-0''	A12 AUX	N/A	037420-6	M-502	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 2MOV-FW0056	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 597'-0''	A12 AUX	N/A	037420-6	M-502	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 2MOV-FW0057	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 597'-0''	A12 AUX	N/A	037420-6	M-502	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 2FT-0510	FLOW TRANSMITTER	F&P PBBABBB	10B2496	X-2200	104253	J/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG A FLOW INDICATION & ALARM, REACT. TRIP/SG A FEEDWATER											
FW 2FT-0511	FLOW TRANSMITTER	F&P PBBABBB	10B2496	X-2200	104253	G/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG A FLOW INDICATION & ALARM, REACT. TRIP/SG A FEEDWATER											
FW 2FT-0520	FLOW TRANSMITTER	F&P PBEABBB	10B2496	X-2200	104253	J/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG C FLOW INDICATION & ALARM, REACT. TRIP/SG C FEEDWATER											
FW 2FT-0521	FLOW TRANSMITTER	F&P PBBABBB	10B2496	X-2200	104253	G/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG C FLOW INDICATION & ALARM, REACT. TRIP/SG C FEEDWATER											
FW 2FT-0530	FLOW TRANSMITTER	F&P PBBABBB	10B2496	X-2200	104253	J/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG D FLOW INDICATION & ALARM, REACT. TRIP/SG D FEEDWATER											
FW 2FT-0531	FLOW TRANSMITTER	F&P PBBABBB	10B2496	X-2200	104253	G/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG D FLOW INDICATION & ALARM, REACT. TRIP/SG D FEEDWATER											
FW 2FT-0540	FLOW TRANSMITTER	F&P PBBABBB	10B2496	X-2200	104253	J/9 560'-0''	T 4 TUNN	N/A		M-502,M-279	M203
FUNCTION/SERVICE:SG B FLOW INDICATION & ALARM, REACT. TRIP/SG D FEEDWATER											

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*	FW 2FT-0541	FLOW TRANSMITTER	F&P	10B2496 PB8ABBB	X-2200	104253	G/9 560'-0''	T 4	TUNN	N/A		M-502,M-279	M203
													FUNCTION/SERVICE:SG B FLOW INDICATION & ALARM, REACT. TRIP/SG D FEEDWATER
*	FW 2PT-0514	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z25 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM
*	FW 2PT-0515	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z25 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM
*	FW 2PT-0516	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z25 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM
*	FW 2PT-0524	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z25 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM
*	FW 2PT-0525	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z25 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM
*	FW 2PT-0526	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z25 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM
*	FW 2PT-0534	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z19 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM
*	FW 2PT-0535	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z19 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM
*	FW 2PT-0536	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z19 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM
*	FW 2PT-0544	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z19 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM
*	FW 2PT-0545	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z19 560'-0''	T 3	LSVR	N/A		M-500,M-296	M204
													FUNCTION/SERVICE:SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 2PT-0546	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z19 560'-0''	T 3	LSVR	N/A	M-500,M-296	M204
*												
	FW 2PS-FWWB1	PRESSURE SWITCH	UNITED	9503 B091	CECO		G/17 579'-0''	A B	AUX	N/A		M205
*												
	FW 2PS-FWWB2	PRESSURE SWITCH	UNITED	9503 B091	CECO		G/17 579'-0''	A B	AUX	N/A		M205
*												
	FW 2PS-FWWB3	PRESSURE SWITCH	UNITED	9503 B091	CECO		G/17 579'-0''	A B	AUX	N/A		M205
*												
	FW 2PS-FWWC1	PRESSURE SWITCH	UNITED	9503 B100	CECO		H/18 579'-0''	A B	AUX	N/A		M205
*												
	FW 2PS-FWWC2	PRESSURE SWITCH	UNITED	9503 B100	CECO		H/18 579'-0''	A B	AUX	N/A		M205
*												
	FW 2PS-FWWC3	PRESSURE SWITCH	UNITED	9503 B100	CECO		H/18 579'-0''	A B	AUX	N/A		M205
*												
	FW 2FT-FW03	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/20 560'-0''	A B	AUX	N/A	M-502,M-291	M207
*												
	FW 2PS-FWWA1	PRESSURE SWITCH	ASHCR-OFT	4400	CECO		H/18 579'-0''	A B	AUX	N/A		M208
*												
	FW 2PS-FWWA2	PRESSURE SWITCH	ASHCR-OFT	4400	CECO		H/18 579'-0''	A B	AUX	N/A		M208
*												
	FW 2FI-FW02B	FLOW INDICATOR	WEST	VX-252	X-2200		J/16 579'-0''	A B	AUX	N/A		M210
*												
	FW 2FI-FW03B	FLOW INDICATOR	WEST	VX-252	X-2200		J/16 579'-0''	A B	AUX	N/A		M210
*												

COMPONENT/EQUIPMENT ID SHEET												
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO	
FW 2FI-FW04B	FLOW INDICATOR	WEST	VX-252	X-2200		J/16 579'-0''	A 8 AUX	N/A			M210	
FUNCTION/SERVICE: AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C												
FW 2FI-FW25B	FLOW INDICATOR	WEST	VX-252	X-2200		J/24 579'-0''	A 8 AUX	N/A			M210	
FUNCTION/SERVICE: AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D												
FW 2PI-0514B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	A 8 AUX	N/A		M-500	M210	
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM												
FW 2PI-0524B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	A 8 AUX	N/A		M-500	M210	
FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM												
FW 2PI-0534B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	A 8 AUX	N/A		M-500	M210	
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM												
FW 2PI-0544B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	A 8 AUX	N/A		M-500	M210	
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM												
FW 2AP091	480V AUX BLDG ESS MCC 23B3B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C24795B SH.43	22E-0-3064	Q030	
FUNCTION/SERVICE:												
FW 2AP053	MOV HTRS- DIST. PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q036	
FUNCTION/SERVICE:												
FW 2AP054	MOV HTRS- DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q037	
FUNCTION/SERVICE:												
FW 2LP58	REMOTE SHTDN CONTROL STA PANEL DIV 28	FISH-H		X-2329	119387	K/15 579	A 8 AUX	N/A		22E-0-3063	T018	
FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS PUMPS & VALVES												
FW 2LP59	REMOTE SHTDN CONTROL STA DIV 29	FISH-H		X-2329	119387	H/14 579	A 8 AUX	N/A		22E-0-3063	T019	
FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES												
FW 2LP60	REMOTE SHTDN CONTROL STA BOP	FISH-H		X-2329	119387	K/16 579	A 8 AUX	N/A		22E-0-3063	T020	
FUNCTION/SERVICE: CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES												



COMPONENT/EQUIPMENT ID SHEET													
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 2RM13	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	J/9 560		T 4	TUNN	N/A	22E-2-3408	W004
*			FUNCTION/SERVICE:										
*	FW 2RM42	LOCAL INSTR RACK	WF JHN BARNES		X-2313	123157	Z32 568		T 4	TUNN	N/A	22E-2-3233	W006
*			FUNCTION/SERVICE:										
*	FW 2AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592		A 9	AUX	N/A	22E-0-3069	X058
*			FUNCTION/SERVICE: BORIC ACID CHG. PUMP CONT. FLOW TRANSMITTER 2FT183										
*			FUNCTION/SERVICE: FEED SEAL WATER FLOW INDICATOR TRANSMITTER 2FIT-156.106										
*	FW 2AB0310	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592		A 9	AUX	N/A	22E-0-3069	X059
*			FUNCTION/SERVICE: BORIC ACID TANK OC TEMP INDICATOR CONTROL 2TIC-103										
*			FUNCTION/SERVICE: FEED SEAL WATER FLOW INDICATOR TRANSMITTER 2FIT-155.159										
*	FW 2AB0082	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/19 579		A 12	AUX	N/A	22E-0-3062	X305
*			FUNCTION/SERVICE:										
*	FW 2AB0083	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/19 579		A 12	AUX	N/A	22E-0-3062	X306
*			FUNCTION/SERVICE:										
*	FW 2AB0085	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/17 579		A 12	AUX	N/A	22E-0-3062	X307
*			FUNCTION/SERVICE:										
*	FW 2AB0086	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/17 579		A 12	AUX	N/A	22E-0-3062	X308
*			FUNCTION/SERVICE:										
*	FW 2AB0463	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/18 579		A 12	AUX	N/A	22E-0-3064	X342
*			FUNCTION/SERVICE:										
*	FW 2AB0469	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/18 579		A 12	AUX	N/A	22E-0-3064	X343
*			FUNCTION/SERVICE:										
*	FW 2AB0493	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 590		A 12	AUX	N/A	22E-2-3207	X345
*			FUNCTION/SERVICE:										

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CEGO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	FW 2AB0494	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 590	A12	AUX	N/A		22E-2-3207	X346
		FUNCTION/SERVICE:											
	FW 2AB0503	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12	AUX	N/A		22E-2-3207	X347
		FUNCTION/SERVICE:											
	FW 2AB0508	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A12	AUX	N/A		22E-2-3207	X348
		FUNCTION/SERVICE:											
	FW 2AB0509	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12	AUX	N/A		22E-2-3207	X349
		FUNCTION/SERVICE:											
	FW 2AB0510	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 574	A12	AUX	N/A		22E-2-3207	X350
		FUNCTION/SERVICE:											
	IP 2AB0308	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 592	A 9	AUX	N/A		22E-0-3070	X057
		FUNCTION/SERVICE: FEED, MISC. TEMPERATURE INDICATORS AND CONTROLS											
	IP 2AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592	A 9	AUX	N/A		22E-0-3069	X058
		FUNCTION/SERVICE: FEED, MISC. TEMPERATURE INDICATORS AND CONTROLS											
	IP 2AB0310	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/16 592	A 9	AUX	N/A		22E-0-3069	X059
		FUNCTION/SERVICE: FEED, MISC. TEMPERATURE INDICATORS AND CONTROLS											
	IP 2AB0311	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/14 592	A 9	AUX	N/A		22E-0-3070	X060
		FUNCTION/SERVICE: FEED, MISC. TEMPERATURE INDICATORS AND CONTROLS											
	IW 2FCV-IW08	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512	B251
		FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK											
	IW 2FCV-IW09	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512	B251
		FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK											
	IW 2FCV-IW10	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512	B251
		FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK											

COMPONENT/EQUIPMENT ID SHEET												
SY	PLANT NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
IW	2FCV-IW11	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512 B251
FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK												
IW	2FCV-IW12	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512 B251
FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK												
IW	2FCV-IW13	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512 B251
FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK												
IW	2FCV-IW14	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512 B251
FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK												
IW	2FCV-IW15	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347	P/17 568'-0''	A12	AUX	N/A	CP-1235-9A	M-512 B251
FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL SEAL WATER STORAGE TANK												
IW	2AB0115	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12	AUX	N/A		22E-2-3207 X314
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW10												
IW	2AB0116	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 568	A12	AUX	N/A		22E-2-3207 X315
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW12												
IW	2AB0117	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12	AUX	N/A		22E-2-3207 X316
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW14												
IW	2AB0118	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 574	A12	AUX	N/A		22E-2-3207 X317
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW16												
IW	2AB0119	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12	AUX	N/A		22E-2-3207 X318
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW09												
IW	2AB0120	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12	AUX	N/A		22E-2-3207 X319
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW11												
IW	2AB0121	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 574	A12	AUX	N/A		22E-2-3207 X320
FUNCTION/SERVICE: SEAL WATER ISOL VLV 2FCV-IW13												



COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IW 2AB0122	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 568	A12 AUX	N/A		22E-2-3207	X321
				FUNCTION/SERVICE:		SEAL WATER ISOL VLV 2FCV-IW15					
IW 2AB0123	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 574	A12 AUX	N/A		22E-2-3207	X322
				FUNCTION/SERVICE:		SEAL WATER ISOL VLV 2FCV-IW17					
MS 2MOV-MS0005	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z25 585'-0''	T 3 LSVR	N/A	037354-2	M-500	C501
				FUNCTION/SERVICE:		ACTUATES VALVE/TO AUX FEEDWATER PUMP FROM STEAM GENERATORS					
MS 2MOV-MS0011	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z20 585'-0''	T 3 LSVR	N/A	037354-2	M-500	C501
				FUNCTION/SERVICE:		ACTUATES VALVE/TO AUX FEEDWATER PUMP FROM STEAM GENERATORS					
MS 2MS016	HYD. UNIT FOR 2HOV-MS001	WEST	05-10114 TBFC-SKB	X-2261	105591	Z25 570'-0''	T 3 LSVR	N/A	DR-34757	M-500	C502
				FUNCTION/SERVICE:		ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR					
MS 2MS017	HYD. UNIT FOR 2HOV-MS002	WEST	05-10114 TBFC-SKB	X-2261	105591	Z25 570'-0''	T 3 LSVR	N/A	DR-34757	M-500	C502
				FUNCTION/SERVICE:		ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR					
MS 2MS018	HYD. UNIT FOR 2HOV-MS003	WEST	05-10114 TBFC-SKB	X-2261	105591	Z19 570'-0''	T 3 LSVR	N/A	DR-34757	M-500	C502
				FUNCTION/SERVICE:		ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR					
MS 2MS019	HYD. UNIT FOR 1HOV-MS001	WEST	05-10114 TBFC-SKB	X-2261	105591	Z19 570'-0''	T 3 LSVR	N/A	DR-34757	M-500	C502
				FUNCTION/SERVICE:		ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR					
MS 2MOV-MS017	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z25 598'-0''	T 2 USVR	N/A	6-9V266-01	M-500	C503
				FUNCTION/SERVICE:		ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP					
MS 2MOV-MS018	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z25 598'-0''	T 2 USVR	N/A	6-9V266-01	M-500	C503
				FUNCTION/SERVICE:		ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP					
MS 2MOV-MS019	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z20 598'-0''	T 2 USVR	N/A	6-9V266-01	M-500	C503
				FUNCTION/SERVICE:		ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP					
MS 2MOV-MS020	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2288	109907	Z20 589'-0''	T 2 USVR	N/A	6-9V266-01	M-500	C503
				FUNCTION/SERVICE:		ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP					

COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS 2MOV-MS0006	VALVE MOTOR OPERATOR	LMTQ 5MB-00-15	X-2218	398321	Z19 574'-0''	A12 AUX	N/A	037354-2	M-500	C521
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FEEDWATER PUMP FROM STEAM GENERATORS										
MS 2PS-MSS51	PRESSURE SWITCH	BARKS- 9672-3				T 4 TUNN	N/A			PO01
FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.										
MS 2PS-MSS52	PRESSURE SWITCH	BARKS- 9672-3				T 4 TUNN	N/A			PO01
FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.										
MS 2PS-MSS53	PRESSURE SWITCH	BARKS- 9672-3				T 4 TUNN	N/A			PO01
FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.										
MS 2PS-MSS54	PRESSURE SWITCH	BARKS- 9672-3				T 1 TUNN	N/A			PO01
FUNCTION/SERVICE: HYD. ACCUM PRESS CONT.										
MS 2APO91	480V AUX BLDG ESS MCC 23B3B	GE 7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C24795B SH.43	22E-0-3064	Q030
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYS VLV 2MOV-MS0006										
MS 2APO53	MOV HTRS- DIST. PNL-DIV 27	FISH-H B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q036
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYS MOV HTRS										
MS 2APO54	MOV HTRS- DIST. PNL-DIV 28	FISH-H B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q037
FUNCTION/SERVICE: POWER SUPPLY FOR MS SYS MOV HTRS										
MS 2LP57	REMOTE SHTDN PANEL DIV 27	FISH-H	X-2329	119387	K/15 579	A 8 AUX	N/A		22E-0-3063	T017
FUNCTION/SERVICE: CONT & INDIC FOR MS SYS PUMPS & VALVES										
MS 2RBO137	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z19 570	T 3 LSVR	N/A		22E-2-3246	X129
FUNCTION/SERVICE: MAIN STM LINE ISOL VLV LOOP B & D 2HDV-MS004										
MS 2RBO247	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z25 592	T 2 USVR	N/A		22E-2-3248	X230
FUNCTION/SERVICE: STEAM GEN 2C ATMOS DUMP VLV 2MOV-MS001B										
MS 2RBO138	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z19 570	T 4 TUNN	N/A		22E-2-3246	X381
FUNCTION/SERVICE: MAIN STM LINE ISOL VLV LOOP B & D 2HDV-MS003.4										

COMPONENT/EQUIPMENT ID SHEET

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MS	2RBO139	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 570	T 3 LSVR	N/A		22E-2-3247	X382
		FUNCTION/SERVICE: MAIN STM LINE ISOL VLV LOOP C 2HOV-MS002										
MS	2RBO140	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 570	T 3 LSVR	N/A		22E-2-3247	X383
		FUNCTION/SERVICE: MAIN STM LINE ISOL VLV LOOP A & C 2HOV-MS001,2										
MS	2RBO141	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 592	T 3 LSVR	N/A		22E-2-3247	X384
		FUNCTION/SERVICE: MAIN STM LINE ISOL VLV LOOP A & C 2HOV-MS001										
MS	2RBO351	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 570	T 4 TUNN	N/A		22E-2-3247	X389
		FUNCTION/SERVICE: MAIN STM ISOL VLV BYPASS VLVS LOOP A 2FCV-MS82, -MS83										
MS	2RBO352	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z19 570	T 4 TUNN	N/A		22E-2-3246	X390
		FUNCTION/SERVICE: MAIN STM ISOL VLV BYPASS VLVS 1FCV-MS84, -MS85										
MS	2RBO391	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z25 570	T 4 TUNN	N/A		22E-2-3247	X391
		FUNCTION/SERVICE: MAIN STEAM ISOL VLV BYPASS VLVS LOOP A,B,C,D 2FCV-MS82, -MS83										
MS	2RBO392	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z19 570	T 4 TUNN	N/A		22E-2-3246	X392
		FUNCTION/SERVICE: MAIN STEAM ISOL VLV BYPASS VLVS LOOP A,B,C,D 2FCV-MS84, -MS85										
PP	2PP-001	COMP. MOTOR UNIT	WEST	TBLG	X-2235		P/20 592'-0''	A 9 AUX	N/A		M-73-1	B571
		FUNCTION/SERVICE: PP COMPRESSOR MOTOR UNIT										
PP	2PSL-PP22	PRESSURE SWITCH	UNITED	J302-358	X-2242		P/20 592'-0''	A 9 AUX	N/A		M-73,M-291	M601
		FUNCTION/SERVICE: COMPRESSOR CONTROL/FILTER DRYER DISCH. HEADER										
PP	2PT-PP16	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A 9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE: PP ZONE 1 AIR LINE PRESSURE & ALARM/PP ZONE 1 AIR LINE										
PP	2PT-PP17	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A 9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE: PP ZONE 2 AIR LINE PRESSURE & ALARM/PP ZONE 2 AIR LINE										
PP	2PT-PP18	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A 9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE: PP ZONE 3 AIR LINE PRESSURE & ALARM/PP ZONE 3 AIR LINE										

COMPONENT/EQUIPMENT ID SHEET												
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
PP	2PT-PP19	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A 9	AUX	N/A	M-73,M-292	M602
FUNCTION/SERVICE: PP ZONE 4 AIR LINE PRESSURE & ALARM/PP ZONE 4 AIR LINE												
PP	2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8	AUX	N/A	75C247958 SH.43	22E-0-3064 Q030
FUNCTION/SERVICE: POWER FEED TO PP AIR SUPPLY HDR RECORDER 2FIR-PP23												
PP	2AB0394	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	N/20 592	A 9	AUX	N/A		22E-0-3071 X341
FUNCTION/SERVICE: PP AIR SUPPLY HDR PRESSUR HI-LOW ALARM 2FIR-PP23												
FUNCTION/SERVICE: PP AIR COMPRESSOR 2: 2PSL-PP22; 2SV-SW137, -SW139												
PR	2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 3	AUX	N/A	75C247958 SH.43	22E-0-3064 Q030
FUNCTION/SERVICE: POWER SUPPLY FOR RHR PUMP 2B CUB. DETECT. 2PROO7												
PR	2AB0104	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A 12	AUX	N/A		22E-2-3207 X309
FUNCTION/SERVICE: RX LEAK DETECT. AIR SPACE ISOL. VLVs 2FCV-PR19A, 20A, 21A, 22A, 23A												
PR	2AB0105	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A 12	AUX	N/A		22E-2-3207 X310
FUNCTION/SERVICE: RX VESSEL LEAK DETECT. AIR SAMPLE ISOL VLVs 2FCV-PR19B, 20B, 21B, 22B, 23B												
PR	2AB0112	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A 12	AUX	N/A		22E-2-3207 X313
FUNCTION/SERVICE: CONTAINMENT AIR SAMPLE ISOL. VLV 2FCV-PR24B												
PR	2AB0147	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A 12	AUX	N/A		22E-2-3207 X325
FUNCTION/SERVICE: CONTAINMENT AIR SAMPLE INLET ISOL VLV. 2FCV-PR24A												
PR	2AB0277	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/25 617	A 9	AUX	N/A		22E-0-3075 X340
FUNCTION/SERVICE: CONTROL RCV COMP. COOL. SURGE TANK VENT STOP VALVE												
RC	2LI-460B	LEVEL INDICATOR	WESCH- LER		X-2200	138768	J/15 579'-0''	A 8	AUX	N/A		M306
FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL												
RC	2LI-459B	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/15 642'-0''	A 8	AUX	N/A		M307
FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL												

COMPONENT/EQUIPMENT ID SHEET												
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2PI-0455B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/15 579'-0''	A 8 AUX	N/A			M307
FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE												
RC	2LP57	REMOTE SHTDN CONT STA	FISH-H		X-2329	119387	K/15 579	A 8 AUX	N/A		22E-0-3063	T017
FUNCTION/SERVICE: CONT & INDIC FPR RC SYS PUMPS & VALVES												
RC	2LP58	REMOTE SHTDN CONT STA	FISH-H		X-2329	119387	K/15 579	A 8 AUX	N/A		22E-0-3063	T018
FUNCTION/SERVICE: CONTROL AND INDICATION FOR RC SYS PUMPS & VALVES												
RC	2AB0105	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 598	A12 AUX	N/A		22E-2-3207	X310
FUNCTION/SERVICE: PRESS RELIEF VLV SPRAY LINE CONTAINER ISOL VLV 2AOV-RC8028												
RC	2AL1154	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX	N/A		22E-2-3207	X327
FUNCTION/SERVICE: REMOTE OPERATED VLV FOR THE RC SYS												
RC	2AB0182	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 590	A12 AUX	N/A		22E-2-3207	X333
FUNCTION/SERVICE: PRESS RELIEF TANK SPRAY LINE CONTAINER ISOL VLV 2AOV-RC8029												
RC	2AB0183	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX	N/A		22E-2-3207	X334
FUNCTION/SERVICE: PRESS RELIEF TAND TO GAS ANALYZER VLV 2AOV-RC8026												
RC	2AB0184	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 594	A12 AUX	N/A		22E-2-3207	X335
FUNCTION/SERVICE: PRT NITROGEN SUPPLY LINE CONTAINER ISOLATION VLV 2AOV-RC8033												
RH	2MOV-RH9000	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	R/17 575'-0''	A12 AUX	N/A	93-12858	M-520	A254
FUNCTION/SERVICE: ACTUATES VALVE/TO HOT LEG INJECTION FROM RH EXCHANGER												
RH	2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C247958 SH.43	22E-0-3064	Q030
FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS VLV 2MOV-RH9000												
RH	2AP054	MOV HTRS-DIST. PNL-DIV 28	FISH-H	E/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q037
FUNCTION/SERVICE: POWER SUPPLY FOR RHR SYS MOV HTRS 2MOV-RH8702, 2MOV-RH8703, 2MOV-RH9000												
RV	2RV050	HYDRO. RECOM. BLOWER	BUFF	5K182CK742	X-2361		N/17 617'-0''	A 9 AUX	N/A	7W-83208		DO01
FUNCTION/SERVICE:												

COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VEND'R DRAWING	S&L DRAWING	COMP NO
RV 2RV020	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276	113424	M/16 617'-0''	A 9 AUX	N/A		M-537,M-382	FO02
FUNCTION/SERVICE: CONTAINMENT/HYDROGEN CONTROL											
RV 2RV021	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276	113424	L/16 617'-0''	A 9 AUX	N/A		M-537,M-382	FJ02
FUNCTION/SERVICE: CONTAINMENT/HYDROGEN CONTROL											
RV 2TY-RV128A	TEMPERATURE SWITCH	UNITED	C-300	X-2286	123163	L/15 617'-0''	A 8 AUX	N/A			I402
FUNCTION/SERVICE: HYDROGEN PURGE CHARCOAL FILTER TEMP.											
RV 2TY-RV128B	TEMPERATURE SWITCH	UNITED	C-300	X-2286	123163	L/15 617'-0''	A 8 AUX	N/A			I402
FUNCTION/SERVICE: HYDROGEN PURGE CHARCOAL FILTER TEMP.											
RV 2TY-RV129A	TEMPERATURE SWITCH	UNITED	C-300	X-2286	123163	L/15 617'-0''	A 8 AUX	N/A			I402
FUNCTION/SERVICE: HYDROGEN PURGE CHARCOAL FILTER TEMP.											
RV 2TY-RV129B	TEMPERATURE SWITCH	UNITED	C-300	X-2286	123163	L/15 617'-0''	A 8 AUX	N/A			I402
FUNCTION/SERVICE: HYDROGEN PURGE CHARCOAL FILTER TEMP.											
RV 2MY-RV42	HUMIDITY IND. TRANSDUCER	TAYLOR	10H5	X-2286	123163	M/17 617'-0''	A 9 AUX	N/A		M-537	M902
FUNCTION/SERVICE: CONTAINMENT REGION A RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION A											
RV 2MY-RV43	HUMIDITY IND. TRANSDUCER	TAYLOR	10H5	X-2286	123163	M/17 617'-0''	A 9 AUX	N/A		M-537	M902
FUNCTION/SERVICE: CONTAINMENT REGION B RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION B											
RV 2MY-RV44	HUMIDITY IND. TRANSDUCER	TAYLOR	10H5	X-2286	123163	M/17 617'-0''	A 9 AUX	N/A		M-537	M902
FUNCTION/SERVICE: CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION C											
RV 2MY-RV42A	MV/I CONVERTER	ACRMAG	311-BX-U	X-2329		M/17 617'-0''	A 9 AUX	N/A		M-537	M903
FUNCTION/SERVICE: CONTAINMENT REGION A RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION A											
RV 2MY-RV43A	MV/I CONVERTER	ACRMAG	311-BX-U	X-2329		M/17 617'-0''	A 9 AUX	N/A		M-537	M903
FUNCTION/SERVICE: CONTAINMENT REGION B RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION B											
RV 2MY-PV44A	MV/I CONVERTER	ACRMAG	311-BX-U	X-2329		M/17 617'-0''	A 9 AUX	N/A		M-537	M903
FUNCTION/SERVICE: CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. RELATIVE HUMIDITY REGION C											

COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RV 2LP22	CONTAIN. VENT SYS PANEL	POWERS REGULATOR		X-2286	113967	M/17 617		A 9 AUX	N/A 220-P-3036 SH.1	22E-2-3206	T032
									FUNCTION/SERVICE: CONTAINMENT VENT SYSTEM CONTROL & INSTR 2MY-RV42, 2MY-RV43, 2MY-RV44 FUNCTION/SERVICE: CO8 HYDROGEN PURGE FAN 2RVO20, 2RVO21		
RV 2AB0072	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/17 582		A12 AUX	N/A	22E-2-3207	X071
									FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV114		
RV 2AB0073	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/17 582		A12 AUX	N/A	22E-2-3207	X072
									FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV113		
RV 2AB0074	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/17 582		A12 AUX	N/A	22E-2-3207	X073
									FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV111		
RV 2AB0075	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/17 582		A12 AUX	N/A	22E-2-3207	X074
									FUNCTION/SERVICE: HEATING WATER SUPPLY ISOL VALVE 2FCV-RV112		
RV 2AB0076	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/17 590		A12 AUX	N/A	22E-2-3207	X075
									FUNCTION/SERVICE: CONTAINMENT RELIEF ISOL VALVES 2A0V-RV0005, 2SV-RV80		
RV 2AB0077	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	R/17 590		A12 AUX	N/A	22E-2-3207	X076
									FUNCTION/SERVICE: CONTAINMENT RELIEF ISOL VALVES 2A0V-RV0006, 2SV-RV82		
SI 2MOV-S18809A	VALVE MOTOR OPERATOR	LMTQ SMB-3-100		G-676258	091710	R/17 590'-6''		A12 AUX	N/A 88919	M-522	A004
									FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH		
SI 2MOV-S18809B	VALVE MOTOR OPERATOR	LMTQ SMB-3-100		G-676258	091710	R/17 590'-6''		A12 AUX	N/A 88919	M-522	A004
									FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH		
SI 2MOV-S18801A	VALVE MOTOR OPERATOR	LMTQ SMB-0		G-676258	067762	R/17 578'-0''		A12 AUX	N/A 93-13106	M-521	A007
									FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK		
SI 2MOV-S18801B	VALVE MOTOR OPERATOR	LMTQ SMB-0		G-676258	067762	R/17 578'-0''		A12 AUX	N/A 93-13106	M-521	A007
									FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK		

COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LF	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 2MOV-S18802	VALVE MOTOR OPERATOR	LMTQ	SMB-O	G-676258	067762	P/16 569'-0''	A12 AUX	N	13-13106	M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM SI PUMP											
SI 2MOV-S18803A	VALVE MOTOR OPERATOR	LMTQ	SMB-O	G-676258	067762	R/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO BORON INJ. TANK FROM CHARGING PUMPS											
SI 2MOV-S18803B	VALVE MOTOR OPERATOR	LMTQ	SMB-O	G-676258	067762	R/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO BORON INJ. TANK FROM CHARGING PUMPS											
SI 2MOV-S19011A	VALVE MOTOR OPERATOR	LMTQ	SMB-O	G-676258	067762	P/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS											
SI 2MOV-S19011B	VALVE MOTOR OPERATOR	LMTQ	SMB-O	G-676258	067762	P/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS											
SI 2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A	75C247958 SH.43	22E-0-3064	Q030
FUNCTION/SERVICE: PWR SUPPLY FOR SI SYS VLVS 2MOV-S18802, -S18809B											
SI 2AP053	MOV HTRS- DIST. PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q036
FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS MOV HTRS											
SI 2AP054	MOV HTRS- DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A		22E-0-3064	Q037
FUNCTION/SERVICE: POWER SUPPLY FOR SI SYS MOV HTRS											
SI 2AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592	A 9 AUX	N/A		22E-0-3069	X058
FUNCTION/SERVICE: BORON INJECTION TANK TEMP. CONTROL BANK B HEATLRS. 2TIC-945											
SI 2AB0078	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12 AUX	N/A		22E-2-3207	X108
FUNCTION/SERVICE: BORON INJECTION TANK TEMP. BANK A HEATERS											
SI 2AB0079	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12 AUX	N/A		22E-2-3207	X109
FUNCTION/SERVICE: BORON INJECTION TANK TEMP. BANK B HEATERS											
SI 2AB0113	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 574	A12 AUX	N/A		22E-2-3207	X110
FUNCTION/SERVICE: BORON INJECTION TANK TO BORIC ACID TANK VALVE 2MOV-S18870B											



COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 2AB0153	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 590	A12 AUX	N/A		22E-2-3207	X111
FUNCTION/SERVICE: BORIC ACID TRANS. PUMP TO BORON INJECTION TANK ISOL. VLV. 2A0V-SI8883											
SI 2AB0168	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12 AUX	N/A		22E-2-3207	X112
FUNCTION/SERVICE: NITROGEN SUPPLY TO ACCUM TANKS VALVE 2A0V-SI8880											
SI 2AB0169	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582	A12 AUX	N/A		22E-2-3207	X113
FUNCTION/SERVICE: SI PUMP TEST LINE ISOL. VALVE 2A0V-SI8888											
SI 2AB0175	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 574	A12 AUX	N/A		22E-2-3207	X114
FUNCTION/SERVICE: BORON INJECTION TANK TO BORIC ACID TANK VALVE 2A0V-SI8870A											
SW 2MOV-SW0100	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/23 579'-0''	A 8 AUX	N/A	13-10-31419	M-32-1	C753
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE ROOM FROM SW STRAINERS											
SW 2MOV-SW0115	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/17 579'-0''	A 8 AUX	N/A	13-10-31419	M-32-2	C753
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE ROOM FROM SW STRAINERS											
SW 2MOV-SW0101	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FW PUMP 2A											
SW 2MOV-SW0102	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/22 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FW PUMP 2A											
SW 2MOV-SW0103	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FW PUMP 2C											
SW 2MOV-SW0104	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FW PUMP 2B											
SW 2MOV-SW0105	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO AUX FW PUMP 2C											
SW 2MOV-SW0106	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A 8 AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/AUX FW PUMP ISOLATION											



COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 2MOV-SW0107	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-221B	398321	G/23 579'-0''	A 8 AUX	N/A		037788-2	M-32-1	C754
FUNCTION/SERVICE:ACTUATES VALVE/AUX FW PUMP ISOLAT.ON												
SW 2PSL-SW13	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A 8 AUX	N/A				M501
FUNCTION/SERVICE:SERVICE WATER FLOW CONTROL/SW PUMP 2A DISCHARGE												
SW 2PSL-SW14	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A 8 AUX	N/A				M501
FUNCTION/SERVICE:SERVICE WATER FLOW CONTROL/SW PUMP 2B DISCHARGE												
SW 2PSL-SW15	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A 8 AUX	N/A				M501
FUNCTION/SERVICE:SERVICE WATER FLOW CONTROL/SW PUMP 2C DISCHARGE												
SW 2PT-SW107	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		G/17 579'-0''	A 8 AUX	N/A			M-32,M-299	M504
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATION & ALARM												
SW 2APO91	480V AUX BLDG ESS MCC 23B3B	GE	7700 LINE	X-2260	103869	M/21 579	A 8 AUX	N/A			22E-0-3064	Q030
FUNCTION/SERVICE:POWER SUPPLY TO SW SYS VLVS 2MOV-SW0100,101,104												
SW 2APO54	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8 AUX	N/A			22E-0-3064	Q037
FUNCTION/SERVICE:POWER SUPPLY TO SW SYS MOV HEATERS												
VC 2VCO06	PUMP MOTOR UNIT	WEST	HSDP	677125		K/17 579'-0''	A14 AUX	N/A	209C402		M-518	B501
FUNCTION/SERVICE:ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 2A												
VC 2VCO07	PUMP MOTOR UNIT	WEST	HSDP	677125		K/15 579'-0''	A14 AUX	N/A	209C402		M-518	B501
FUNCTION/SERVICE:ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 2B												
VC 2VCO08	PUMP MOTOR UNIT	WEST	TBDP	677125		K/14 579'-0''	A14 AUX	N/A	209C402		M-518	B502
FUNCTION/SERVICE:ACTUATES PUMP/POSITIVE DISPLACEMENT PUMP 2C												
VC 2MOV-VC8110	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	K/17 585'-0''	A14 AUX	N/A	137-116-1		M-518	B503
FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.												
VC 2MOV-VC8111	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	L/17 585'-0''	A14 AUX	N/A	137-116-1		M-518	B503
FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.												

COMPONENT/EQUIPMENT ID SHEET													
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	VC 2MDV-VC-LCV 112B	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/18 6'8"-0''	A 9	AUX	N/A	93-13114	M-518	B504
		FUNCTION/SERVICE: ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS											
*	VC 2MDV-VC-LCV 112C	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/18 6'8"-0''	A 9	AUX	N/A	93-13114	M-518	B504
		FUNCTION/SERVICE: ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS											
*	VC 2FI-1219	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/15 579'-0''	A 8	AUX	N/A		22E-2-4303	N303
		FUNCTION/SERVICE: CHARGING LINE FLOW INDICATION/CHARGING LINE											
*	VC 2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A 8	AUX	N/A	75C24795B SH.43	22E-0-3064	Q030
		FUNCTION/SERVICE: POWER SUPPLY FOR VC SYS PUMP QVCO31											
*	VC 2AP053	MOV HTRS-DIST. PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8	AUX	N/A		22E-0-3064	Q036
		FUNCTION/SERVICE: POWER SUPPLY FOR VC SYS MOV HTRS											
*	VC 2AP054	MOV HTRS-DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A 8	AUX	N/A		22E-0-3064	Q037
		FUNCTION/SERVICE: POWER SUPPLY FOR VC SYS MOV HTRS											
*	VC 2LP57	REMOTE SHTDN CONT STA PNL DIV 27	FISH-H		X-2329	119387	K/15 579	A 8	AUX	N/A		22E-0-3063	T017
		FUNCTION/SERVICE: CONT & INDIC FPR VC SYS PUMPS & VALVES											
*	VC 2LP58	REMOTE SHTDN CONT STA PNL DIV 28	FISH-H		X-2329	119387	K/15 579	A 8	AUX	N/A		22E-0-3063	T018
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR VC SYS PUMPS & VALVES											
*	VC 2LP59	REMOTE SHTDN CONT STA PNL DIV 29	FISH-H		X-2329	119387	K/14 579	A 8	AUX	N/A		22E-0-3063	T019
		FUNCTION/SERVICE: CONTROL AND INDICATION FOR VC SYS PUMPS AND VLVS											
*	VC 2LP23	GAS STRIPPER BORON CONCEN CONTROL PNL	WEST		X-2200S	382557	L/15 592	A 9	AUX	N/A		22E-0-3070	T033
		FUNCTION/SERVICE:											
*	VC 2AB0110	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/19 590	A 9	AUX	N/A		22E-2-3207	X035
		FUNCTION/SERVICE: LCTDOWN LINE CONTAINER ISOL VLV 2A0V-VC8153											
*	VC 2AB0111	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/19	A 9	AUX	N/A		22E-0-3071	X036
		FUNCTION/SERVICE: DIVERTER TO DBDM VLV 2A0V-VC8167											



COMPONENT/EQUIPMENT ID SHEET														
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	BUILD	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
VC	2AB0051	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/18 579	A	9	AUX	N/A		22E-0-3069	X051
					FUNCTION/SERVICE:		VOLUME CONTROL TANK LEVEL LVL	2LCV-VC112A						
VC	2AB0063	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/20 592	A	9	AUX	N/A		22E-0-3069	X052
					FUNCTION/SERVICE:		BORIC ACID TANK OC HEATER							
VC	2AB0109	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 590	A	9	AUX	N/A		22E-2-3207	X053
					FUNCTION/SERVICE:		LETDOWN LINE CONTAINER ISOL VLV	2A0V-VC8152						
VC	2AB0207	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/19 617	A	9	AUX	N/A		22E-0-3078	X054
					FUNCTION/SERVICE:		CONT BORIC ACID INJ TO BLENDER	2FCV-VCO11A						
					FUNCTION/SERVICE:		CONT MAKEUP INJ TO BLENDER PUMP HDR	VLV 2FCV-VC100B						
VC	2AB0208	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/19 617	A	9	AUX	N/A		22E-0-3078	X055
					FUNCTION/SERVICE:		CONT PRIMARY WATER INJ TO BLENDER	2FCV-VC111A						
VC	2AB0209	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/19 617	A	9	AUX	N/A		22E-0-3078	X056
					FUNCTION/SERVICE:		CONT PRIMARY WATER INJ TO BLENDER	2FCV-VC111B						
VC	2AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592	A	9	AUX	N/A		22E-0-3069	X058
					FUNCTION/SERVICE:		BORIC ACID CHG PUMP CONT FLOW TRANSMITTER	2FT183; RID 2.3,9,31						
					FUNCTION/SERVICE:		FEED SEAL WATER FLOW IND TRANSMITTER	2FIT-156.160						
VC	2AB0310	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592	A	9	AUX	N/A		22E-0-3069	X059
					FUNCTION/SERVICE:		BORIC ACID TANK OC TEMP IND CONT	2TIC103;RID 3.9.31						
					FUNCTION/SERVICE:		FEED SEAL WATER FLOW IND TRANSMITTER	2FIT-155.159						
VC	2AB0311	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/14 592	A	9	AUX	N/A		22E-0-3070	X060
					FUNCTION/SERVICE:		FEED SEAL WATER FLOW IND TRANSMITTER	2FIT-154.158						
VC	2AB0373	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/18 592	A	10	AUX	N/A		22E-0-3071	X061
					FUNCTION/SERVICE:		CONT REMOTE OPER LETDOWN FLOW DIVERTER	VLV 21CV-VC129						
VC	2K-2016	PULL BOX		EB-214			M/19 594	A	10	AUX	N/A		22E-2-3410	X352
					FUNCTION/SERVICE:		UPSTREAM RC PUMP SEAL WATER RETURN	(2FQY-VC21)						

REVISION 2
DATE 22 AUG 80

COMPONENT/EQUIPMENT ID SHEET

PLANT ID	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 2K-2017	PULL BOX	EB-214			L/19	A 9 AUX	N/A		22E-2-3410	X353

FUNCTION/SERVICE: UPSTREAM LETDOWN HEAT EXCH OUTLET (2FOY-VC22)

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD NO. 34580N, S/N:123287, OPERATOR MOTOR: Y-242814M, FR:256UR3, 3460RPM,
 COMP/EQUIP CLASS B INSULATION, S.F.=100+(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL TYPE SMB-3-100

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT	DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330	298	ADS1001			ADS1003 CONCURRENT	ARS1070	A004
PRESS PSIA	ZONE A 9	UNKNOWN	90	ADS1001			ADS1003 CONCURRENT	ARS1070	A004
REL HUMID%	ZONE A 9	100	100	ADS1001			ADS1003 CONCURRENT	ARS1070	A004
RADIATION	ZONE A 9	1.0E04	2.0E08 RADS	ADS1001			ADS1004 SEPARATE	ARS1070	A004
OPE TME MN	MEDIUM TERM							ARS1070	A004
CHEM SPRAY	N/A							ARS1070	A004
AGING			40 YRS & ACCIDENT				ADS1004 SEPARATE	ARS1070	A004
SUBMERGENC	N/A							ARS1070	A004

DOCUMENTATION

 ADS1001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADS1003 FRANKLIN INST. TEST REPORT F-C2485 01
 ADS1004 WCAP 7410-L SECT. F VOL.I OF II

OUTSTANDING ITEMS/REMARKS

 ARS1070 EQUIPMENT REQUIRED TO FUNCTION ONLY AFTER A LOCA. FOR LOCA THIS EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

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PROJECT NUMBER 6165-00
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SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.348862A, S/N:124021,OPERATOR MOTOR:PEERLESS:KX-06157, FR:PH56, TYPE:P,

COMP/EQUIP S.F.=100+(MEG OHMS), B INSULATION

MANUFACTUER LIMITORQUE CONTROL

MODEL TYPE SMB-0

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12	282		298	ADSIO01		ADSIO03	CONCURRENT		ARSIO65	A007
PRESS PSIA ZONE A12	UNKNOWN		90	ADSIO01		ADSIO03	CONCURRENT		ARSIO65	A007
REL HUMID% ZONE A12	100		100	ADSIO01		ADSIO03	CONCURRENT		ARSIO65	A007
RADIATION ZONE A12	2.0E07		2.0E08 RADS	ADSIO01		ADSIO04	SEPARATE		ARSIO80	A007
OPE TME MN SHORT/LONG TERM									ARSIO51	A007
CHEM SPRAY	N/A									A007
AGING			40 YRS & ACCIDENT			ADSIO04	SEPARATE		ARSIO65	A007
SUBMERCENC	N/A									A007

DOCUMENTATION

 ADSIO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADSIO03 FRANKLIN INST. TEST REPORT F-C2485-01
 ADSIO04 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

 ARSIO51 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK FOR VALVES MOV-SI8802, MOV-SI8803A&B. LONG TERM OPERATION IS REQUIRED FOR LOCA & LINE BREAK FOR VALVES MOV-SI8802, MOV-SI9011A&B.
 ARSIO65 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. QUALIFICATION BY EXPERIENCE.
 ARSIO80 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION HAS BEEN PROVIDED.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
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SYSTEM RESIDUAL HEAT REMOVAL (RH)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345629B, S/N:116216, OPERATOR MOTOR:RELIANCE-463493-EV, TYPE:P, FR:T56, 3400RPM
 COMP/EQUIP 230/460/3/60, B INSULATION, S.F.=100+(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-1

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F ZONE A12	282		298	ADRHO01		ADRHO02	CONCURRENT		ARRHO65	A254	
PRESS PSIA ZONE A12	UNKNOWN		90	ADRHO01		ADRHO02	CONCURRENT		ARRHO65	A254	
REL HUMID% ZONE A12	100		100	ADRHO01		ADRHO02	CONCURRENT		ARRHO65	A254	
RADIATION ZONE A12	2.0E07		2.0E08 RADS	ADRHO01		ADRHO03	SEPARATE		ARRHO51	A254	
OPE TME MN LONG TERM									ARRHO50	A254	
CHEM SPRAY	N/A									A254	
AGING			40 YRS & ACCIDENT			ADRHO03	SEPARATE			A254	
SUBMERGENC	N/A									A254	

DOCUMENTATION

 ADRHO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 ADRHO02 FRANKLIN INST. TEST REPORT F-C2485-01
 ADRHO03 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

 ARRHO50 LONG TERM OPERATION IS REQUIRED FOR LOCA ONLY.
 ARRHO51 FOR LOCA THE ONLY HARSH PARAMETER FOR THIS ZONE IS RADIATION. QUALIFICATION HAS BEEN PROVIDED.
 ARRHO65 PARAMETER IS NON HARSH FOR LOCA. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
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SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.351864A, S/N:128906,OPERATOR MOTOR:RELIANCE-480438-CW, TYPE:P, FR:P56, B INSUL.

COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC			QUAL	***	NO
TEMP DEG F ZONE A12	282		298	BDCI002		BDCI003 CONCURRENT		BRCI064	BOO1
PRESS PSIA ZONE A12	UNKNOWN		90	BDCI002		BDCI003 CONCURRENT		BRCI064	BOO1
REL HUMID% ZONE A12	100		100	BDCI002		BDCI003 CONCURRENT		BRCI064	BOO1
RADIATION ZONE A12	2.0E07		2.0E08 RADS	BDCI002		BDCI004 SEPARATE		BRCI050	BOO1
OPE TME MN SHORT TERM								BRCI050	BOO1
CHEM SPRAY	N/A								BOO1
AGING			40 YRS & ACCIDENT			BDCI004 SEPARATE			BOO1
SUBMERCENC	N/A								BOO1

DOCUMENTATION

BDCI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDCI003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDCI004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRCI050 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.
 BRCI064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

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SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH CO.
 MODEL LB -831654

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12	282	SEE REMARKS	BDCIO02			ANALYSIS		BRCIO64 B002
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDCIO02			ANALYSIS		BRCIO64 B002
REL HUMID%	ZONE A12	100	SEE REMARKS	BDCIO02			ANALYSIS		BRCIO64 B002
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDCIO02			ANALYSIS		BRCIO50 B002
OPE TME MN	SHORT TERM		SEE REMARKS				ANALYSIS		BRCIO50 B002
CHEM SPRAY	N/A								B002
AGING			SEE REMARKS				ANALYSIS		BRCIO01 B002
SUBMERCENC	N/A								B002

DOCUMENTATION

BDCIO02 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRCIO01 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRCIO50 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

BRCIO64 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:DRD.NO.340198A, S/N:105660,OPERATOR MOTOR:93302773, TYPE:DAT, FR:C184, OHMS)

COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHM⁻¹)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-2

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC					QUAL
TEMP DEG F ZONE T 3	550		298	BDCI002	BDCI003	CONCURRENT			B003
PRESS PSIA ZONE T 3	63.7		90	BDCI002	BDCI003	CONCURRENT			B003
REL HUMID% ZONE T 3	100		100	BDCI002	BDCI003	CONCURRENT			B003
RADIATION ZONE T 3			2.0E08 RADS	BDCI002	BDCI004	SEPARATE			B003
OPE TME MN SHORT TERM								BRCI050	B003
CHEM SPRAY	N/A								B003
AGING			40 YRS & ACCIDENT		BDCI004	SEPARATE			B003
SUBMURGENC	N/A								B003

DOCUMENTATION

BDCI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDCI003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDCI004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRCI050 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

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 REVISION 2
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SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH CO.
 MODEL HPX-8320A25,26

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 3	350	SEE REMARKS	BDCI002			ANALYSIS	BRCIO64	BO04
PRESS PSIA	ZONE T 3	63.7	SEE REMARKS	BDCI002			ANALYSIS	BRCIO64	BO04
REL HUMID%	ZONE T 3	100	SEE REMARKS	BDCI002			ANALYSIS	BRCIO64	BO04
RADIATION	ZONE T 3		SEE REMARKS	BDCI002			ANALYSIS	BRCIO75	BO04
OPE TME MN	SHORT TERM		SEE REMARKS					BRCIO75	BO04
CHEM SPRAY	N/A								BO04
AGING			SEE REMARKS				ANALYSIS	BRCIO01	BO04
SUBMURGNC	N/A								BO04

DOCUMENTATION

BDCI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRCIO01 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRCIO64 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

BRCIO75 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH CO.
 MODEL LB-83146

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12	282	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B005	
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B005	
REL HUMID%	ZONE A12	100	SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B005	
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDC1002			ANALYSIS		BRC1075	B005	
OPE TME MN	SHORT TERM						ANALYSIS		BRC1075	B005	
CHEM SPRAY	N/A									B005	
AGING							ANALYSIS		BRC1001	B005	
SUBMERGENC	N/A									B005	

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAN SWITCH CO.
 MODEL LB-831654

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12	282		SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B006
PRESS PSIA ZONE A12	UNKNOWN		SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B006
REL HUMID% ZONE A12	100		SEE REMARKS	BDC1002			ANALYSIS		BRC1064	B006
RADIATION ZONE A12	2.0E07		SEE REMARKS	BDC1002			ANALYSIS		BRC1075	B006
OPE TME MN SHORT TERM			SEE REMARKS				ANALYSIS		BRC1075	B006
CHEM SPRAY	N/A									B006
AGING			SEE REMARKS				ANALYSIS		BRC1001	B006
SUBMURGNC	N/A									B006

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECD. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1064 FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK THIS PARAMETER IS NON HARSH. QUALIFICATION BY EXPERIENCE.

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTURER AMERICAN SWITCH CO.
 MODEL HBX-8320A26

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12	282		SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07
PRESS PSIA ZONE A12	UNKNOWN		SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07
REL HUMID% ZONE A12	100		SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07
RADIATION ZONE A12	2.0E07		SEE REMARKS	BDC1002			ANALYSIS		BRC1001	BO07
OPE TME MN SHORT TERM			SEE REMARKS				ANALYSIS		BRC1075	BO07
CHEM SPRAY	N/A								BRC1001	BO07
AGING			SEE REMARKS				ANALYSIS		BRC1001	BO07
SUBMERGENC	N/A									BO07

DOCUMENTATION

BDC1002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRC1001 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

BRC1075 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION WAS NOT ADDRESSED BECAUSE EQUIPMENT REQUIRED TO FUNCTION SHORT TERM.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.351245A, S/N:131669,OPERATOR MOTOR:RELIANCE-447006-DW, TYPE:P, FR:K48, B INSUL.

COMP/EQUIP 230/460/3/60, S.F.=100(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-000

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE A12 282		298	BDCI002		BDCI003 CONCURRENT	BRCI032	BO08
PRESS PSIA	ZONE A12 UNKNOWN		90	BDCI002		BDCI003 CONCURRENT	BRCI032	BO08
REL HUMID%	ZONE A12 100		100	BDCI002		BDCI003 CONCURRENT	BRCI032	BO08
RADIATION	ZONE A12 2.0E07		2.0E08 RADS	BDCI002		BDCI004 SEPARATE	BRCI033	BO08
OPE TME MN	SHORT TERM						BRCI059	BO08
CHEM SPRAY	N/A							BO08
AGING			40 YRS & ACCIDENT			BDCI004 SEPARATE		BO08
SUBMERGENC	N/A							BO08

DOCUMENTATION

BDCI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDCI003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDCI004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRCI032 PARAMETER IS NON HARSH FOR THE ACCIDENT WHICH THIS COMPONENT HAS TO OPERATE.

BRCI033 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION IS PROVIDED.
 BRCI059 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345804A, S/N:119513, OPERATOR MOTOR:RELIANCE-463489-GV, TYPE:P, FR:R56, B INSUL.
 COMP/EQUIP 230/460/3/60, S.F.=100(MEG OHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-O

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12	282		298	BDCI002		BDCI003	CONCURRENT		BRCI032	B009
PRESS PSIA ZONE A12	UNKNOWN		90	BDCI002		BDCI003	CONCURRENT		BRCI032	B009
REL HUMID% ZONE A12	100		100	BDCI002		BDCI003	CONCURRENT		BRCI032	B009
RADIATION ZONE A12	2.0E07		2.0E08 RADS	BDCI002		BDCI004	SEPARATE		BRCI033	B009
OPE TME MN SHORT TERM									BRCI059	B009
CHEM SPRAY	N/A									B009
AGING			40 YRS & ACCIDENT			BDCI004	SEPARATE			B009
SUBMURGNC	N/A									B009

DOCUMENTATION

BDCI002 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDCI003 FRANKLIN INST. TEST REPORT F-C2485-01
 BDCI004 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRCI032 PARAMETER IS NON HARSH FOR THE ACCIDENT WHICH THIS COMPONENT HAS TO OPERATE.

BRCI033 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION IS PROVIDED.
 BRCI059 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS PROVIDED.



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SYSTEM ISOLATION VALVE SEAL WATER (IW)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER AMERICAM SWITCH CO.
 MODEL HBX-8320A26

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12	282	SEE REMARKS	BDIW001					BRIW021 B251
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	BDIW001					BRIW021 B251
REL HUMID%	ZONE A12	100	SEE REMARKS	BDIW001					BRIW021 B251
RADIATION	ZONE A12	2.0E07	SEE REMARKS	BDIW001					BRIW051 B251
OPE TME MN	SHORT TERM		SEE REMARKS						BRIW050 B251
CHEM SPRAY	N/A								B251
AGING									B251
SUBMURGNC	N/A								B251

DOCUMENTATION

 BDIW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 BRIW021 PARAMETER IS NON HARSH FOR A LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. QUALIFICATION BY EXPERIENCE.
 BRIW050 SHORT TERM OPERATION IS REQUIRED FOR LOCA PER FSAR.
 BRIW051 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION FOR RADIATION IS NOT NEEDED SINCE THE COMPONENT IS REQUIRED FOR SHORT TERM.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VC PUMP MOTOR UNIT/STYLE:69E43441, FR:5808, S/N:1570, 400/3/60, 40C AMB., LAC INDUCTION MOTOR

MANUFACTUER WESTINGHOUSE

MODEL HSDP

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A14	282					BDVCO01		BRVCO22	B501	
PRESS PSIA	ZONE A14	UNKNOWN					BDVCO01		BRVCO22	B501	
REL HUMID%	ZONE A14	100					BDVCO01		BRVCO22	B501	
RADIATION	ZONE A14	2.0E07					BDVCO01		BRVCO21	B501	
OPE TME MN	LONG TERM								BRVCO50	B501	
CHEM SPRAY	N/A									B501	
AGING										B501	
SUBMERGENC	N/A									B501	

DOCUMENTATION

BDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVCO21 PARAMETER IS HARSH FOR A LOCA.
 BRVCO22 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK INSIDE CONTAINMENT.
 BRVCO50 LONG TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM LINE BREAK. LONG TERM OPERATION IS REQUIRED FOR HIGH ENERGY LINE BREAK IN THE AUXILLARY BUILDING.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VC PUMP MOTOR UNIT/STYLE:FR:445TS, S/N:67C69216, 460/3/60, AC MOTOR, 40C AMB.

MANUFACTUER WESTINGHOUSE

MODEL TBDP

ACCURACY

PARAMETER	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A14 282						BDVCOO1			B502
PRESS PSIA ZONE A14 UNKNOWN						BDVCOO1			B502
REL HUMID% ZONE A14 100						BDVCOO1			B502
RADIATION ZONE A14 2.0E07						BDVCOO1			B502
OPE TME MN NOT REQUIRED							BRVC058		B502
CHEM SPRAY N/A									B502
AGING									B502
SUBMERGENC N/A									B502

DOCUMENTATION

BDVCOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVC058 NOT REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

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SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345040, S/N:113922,OPERATOR MOTOR:PEERLESS-DX00326. TYPE:P, FR:P12G, 1750RPM
 COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00-25

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A14 282			298	BDVCO01		BDVCO02	CONCURRENT		BRVC059	B503
PRESS PSIA ZONE A14 UNKNOWN			90	BDVCO01		BDVCO02	CONCURRENT		BRVC059	B503
REL HUMID% ZONE A14 100			100	BDVCO01		BDVCO02	CONCURRENT		BRVC059	B503
RADIATION ZONE A14 2.0E07			2.0E08 RADS	BDVCO01		BDVCO03	SEPARATE		BRVC069	B503
OPE TME MN SHORT TERM									BRVC051	B503
CHEM SPRAY N/A										B503
AGING			40 YRS & ACCIDENT			BDVCO03	SEPARATE			B503
SUBMERCENC N/A										B503

DOCUMENTATION

BDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDVCO02 FRANKLIN INST. TEST REPORT F-C2485-01
 BDVCO03 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRVC051 SHORT TERM OPERATION IS REQUIRED FOR LOCA & MAIN STEAM/FEEDWATER LINE BREAK.FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION IS NOT NEEDED SINCE THE COMPONENT IS REQUIRED ONL" SHORT TERM.
 BRVC059 PARAMETER IS NON HARSH FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK INSIDE CONAINMENT. QUALIFICATION BY EXPERIENCE.
 BRVC069 PARAMETER IS HARSH FOR A LOCA. QUALIFICATION HAS BEEN PROVIDED.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CHEMICAL & VOLUME CONTROL (VC)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.351254A, S/N:131665,OPERATOR MOTOR:RELIANCE-447006-DW, TYPE:P, FR:K48, 1725RPM

COMP/EQUIP 200/460/3/60, S.F.=100(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-000

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9 330		298	BDVCO01					B504
PRESS PSIA	ZONE A 9 UNKNOWN		90	BDVCO01					B504
REL HUMID%	ZONE A 9 100		100	BDVCO01					B504
RADIATION	ZONE A 9 1.0E04		2.0E08 RADS	BDVCO01					B504
OPE TME MN								B' 060	B504
CHEM SPRAY	N/A								B504
AGING			40 YRS & ACCIDENT						B504
SUBMERCENC	N/A								B504

DOCUMENTATION

BDVCO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRVCO60 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

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SYSTEM PENETRATION PRESSURIZATION (PP)
 COMP/EQUIP PP AIR COMPRESSOR/STYLE:69C49726
 MANUFACTUER WESTINGHOUSE
 MODEL TBLG

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330		BDPPO01					BRPPO60 B571
PRESS PSIA	ZONE A 9	UNKNOWN		BDPPO01					BRPPO60 B571
REL HUMID%	ZONE A 9	100		BDPPO01					BRPPO60 B571
RADIATION	ZONE A 9	1.0E04		BDPPO01					BRPPO60 B571
OPE TME MN									B571
CHEM SPRAY	N/A								BRPPO60 B571
AGING									B571
SUBMERCENC	N/A								B571

DOCUMENTATION

BDPPO01 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRPPO60 EQUIPMENT REQUIRED TO FUNCTION ONLY AFTER A LOCA. FOR LOCA THIS EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
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SYSTEM FEEDWATER (FW)
 COMP/EQUIP FW PUMP MOTOR UNIT/S/N:2571, FR:5808H, STYLE:70F57439 & 438, 4000/3/60, 600HP, 40C AMBIENT
 MANUFACTUER WESTINGHOUSE
 MODEL HSDP

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A B	330		BDFW001					BRFW060	B751	
PRESS PSIA	ZONE A B	UNKNOWN		BDFW001					BRFW060	B751	
REL HUMID%	ZONE A B	100		BDFW001					BRFW060	B751	
RADIATION	ZONE A B	1.0E04		BDFW001					BRFW060	B751	
OPE TME MN										B751	
CHEM SPRAY	N/A								BRFW060	B751	
AGING										B751	
SUBMERCENC	N/A									B751	

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRFW060 EQUIPMENT REQUIRED TO OPERATE AFTER DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. FOR THIS ACCIDENT THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT ONLY. QUALIFICATION BY EXPERIENCE. REQUIRED LONG TERM AFTER A HIGH ENERGY LINE BREAK IN THE AUX BLDG.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP FW OIL PUMP MOTOR UNIT/STYLE:680B640G35
 MANUFACTUER WESTINGHOUSE
 MODEL SBDP

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A B	330		BDFW001					BRFW060	B752	
PRESS PSIA	ZONE A B	UNKNOWN		BDFW001					BRFW060	B752	
REL HUMID%	ZONE A B	100		BDFW001					BRFW060	B752	
RADIATION	ZONE A B	1.0E04		BDFW001					BRFW060	B752	
OPE TME MN										B752	
CHEM SPRAY	N/A								BRFW060	B752	
AGING										B752	
SUBMERCENC	N/A									B752	

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

BRFW060 EQUIPMENT REQUIRED TO OPERATE AFTER DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. FOR THIS ACCIDENT THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT ONLY. QUALIFICATION BY EXPERIENCE. REQUIRED LONG TERM AFTER A HIGH ENERGY LINE BREAK IN THE AUX BLDG.

QUALIFICATION DATA SHEET

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SYSTEM FEEDWATER (FW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.34483A, S/N:109814, OPERATOR MOTOR:RELIANCE-447025-LV, TYPE:P, FR:L58, B INSUL.

COMP/EQUIP 260/460/3/60, S.F.=100(MEG OHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC			QUAL	***	NO
TEMP DEG F	ZONE A 8 330		298	BDFW001		BDFW002 CONCURRENT		BRFW070	B755
PRESS PSIA	ZONE A 8 UNKNOWN		90	BDFW001		BDFW002 CONCURRENT		BRFW070	B755
REL HUMID%	ZONE A 8 100		100	BDFW001		BDFW002 CONCURRENT		BRFW070	B755
RADIATION	ZONE A 8 1.0E04		2.0E08 RADS	BDFW001		BDFW003 SEPARATE		BRFW070	B755
OPE TME MN								BRFW070	B755
CHEM SPRAY	N/A								B755
AGING			40 YRS & ACCIDENT			BDFW003 SEPARATE		BRFW070	B755
SUBMERGENC	N/A								B755

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDFW002 FRANKLIN INST. TEST REPORT F-C2485-01
 BDFW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRFW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILIARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
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SYSTEM FEEDWATER (FW)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.344785A, S/N:112052,OPERATOR MOTOR:RELIANCE-447021-BV, TYPE:P, FR:K48, B INSUL.
 COMP/EQUIP 260/460/3/60, S.F.=100(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-000

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT D.F.S	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE A B 330		298	BDFW001		BDFW002 CONCURRENT	BRFW070	B756
PRESS PSIA	ZONE A B UNKNOWN		90	BDFW001		BDFW002 CONCURRENT	BRFW070	B756
REL HUMID%	ZONE A B 100		100	BDFW001		BDFW002 CONCURRENT	BRFW070	B756
RADIATION	ZONE A B 1.0E04		2.0E08 RADS	BDFW001		BDFW003 SEPARATE	BRFW070	B756
OP.L TME MN								B756
CHEM SPRAY	N/A							B756
AGING			40 YRS & ACCIDENT			BDFW003 SEPARATE	BRFW070	B756
SUBMERCENC	N/A							B756

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDFW002 FRANKLIN INST. TEST REPORT F-C2485-01
 BDFW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRFW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

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SYSTEM FEEDWATER (FW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.345016A, S/N:111580,OPERATOR MOTOR:RELIANCE:447025-BV, FR:L56, B INSUL., TYPE:P.

COMP/EQUIP 230/460/3/60, S.F.=100(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-O

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC			QUAL	***	NO
TEMP DEG F	ZONE A12	282	298	BDFW001	BDFW002	CONCURRENT		BRFW060	B757
PRESS PSIA	ZONE A12	UNKNOWN	90	BDFW001	BDFW002	CONCURRENT		BRFW060	B757
REL HUMID%	ZONE A12	100	100	BDFW001	BDFW002	CONCURRENT		BRFW060	B757
RADIATION	ZONE A12	2.0E07	2.0E08 RADS	BDFW001	BDFW003	SEPARATE		BRFW060	B757
OPE TME MN								BRFW060	B757
CHEM SPRAY	N/A								B757
AGING			40 YRS & ACCIDENT		BDFW003	SEPARATE		BRFW050	B757
SUBMERCENC	N/A								B757

DOCUMENTATION

BDFW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 BDFW002 FRANKLIN INST. TEST REPORT F-C2485-01
 BDFW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

BRFW050 EQUIPMENT REQUIRED TO OPERATE AFTER DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. FOR THIS ACCIDENT THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT ONLY. QUALIFICATION BY EXPERIENCE. REQUIRED LONG TERM AFTER A HIGH ENERGY LINE BREAK IN THE AUX BLDG.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.344351AS/N:100858A, OPERATOR MOTOR:RELIANCE-447026-EU, FR:M56, TYPE:P, B INSUL.

COMP/EQUIP 230/460/3/60, S.F.=50(MEG OHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00-15

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE T 3 550		298	CDMS001		CDMS002 CONCURRENT		C501
PRESS PSIA	ZONE T 3 63.7		90	CDMS001		CDMS002 CONCURRENT		C501
REL HUMID%	ZONE T 3 100		100	CDMS001		CDMS002 CONCURRENT		C501
RADIATION	ZONE T 3		2.0E08 RADS	CDMS001		CDMS003 SEPARATE		C501
OPE TME MN							CRMS028	C501
CHEM SPRAY	N/A							C501
AGING			40 YRS & ACCIDENT			CDMS003 SEPARATE		C501
SUBMERCENC	N/A							C501

DOCUMENTATION

CDMS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDMS002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDMS003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRMS028 NOT REQUIRED TO OPERATE AFTER A LOCA OR DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. THESE VALVES CAN BE USED TO ISOLATE A HIGH ENERGY LINE BREAK IN THE AUX BUILDING (BREAK OF 6" LINE TO THE AUX FEEDWATER PUMP). IN THIS CASE THE VALVE REMAINS IN A NON HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MAIN STEAM (MS)
 COMP/EQUIP HYDRAULIC UNIT FOR MAIN STEAM VALVES/STYLE:680B103G37
 MANUFACTUER WESTINGHOUSE
 MODEL TBFC

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE T 3	550		CDMS005				COMS002		C502	
PRESS PSIA	ZONE T 3	63.7		CDMS005				COMS002		C502	
REL HUMID%	ZONE T 3	100		CDMS005				COMS002		C502	
RADIATION	ZONE T 3			CDMS005				COMS002		C502	
OPE TME MN	SHORT TERM							COMS002	CRMS080	C502	
HEM SPRAY	N/A							COMS002		C502	
AGING								COMS002		C502	
SUBMERGENC	N/A									C502	

DOCUMENTATION

CDMS005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

COMS002 A LETTER IS BEING SENT TO WESTINGHOUSE IN ORDER TO OBTAIN ALL QUALIFICATION DOCUMENTS PERTAINING TO WESTINGHOUSE ITEMS
 CRMS080 SHORT TERM OPERATION (SECONDS) IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.350433A, S/N:126391, OPERATOR MOTOR:PEERLESS-AY09252, FR:P126, 440/3/60, 1750HP
 MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-0

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			OUTST**	*** NO
TEMP DEG F ZONE T 2	550		298	CDMS005		CDMS002	CONCURRENT		C503
PRESS PSIA ZONE T 2	40.7		90	CDMS005		CDMS002	CONCURRENT		C503
REL HUMID% ZONE T 2	100		100	CDMS005		CDMS002	CONCURRENT		C503
RADIATION ZONE T 2			2.0E08 RADS	CDMS005		CDMS003	SEPARATE		C503
OPE TME MN LONG TERM								CRMS060	C503
CHEM SPRAY	N/A								C503
AGING			40 YRS & ACCIDENT			CDMS003	SEPARATE		C503
SUBMERGENC	N/A								C503

DOCUMENTATION

CDMS002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDMS003 WCAP 7410-L SECT. 5 VOL.I OF II
 CDMS005 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

CRMS060 LONG TERM OPERATION IS REQUIRED TO ACHIEVE COLD SHUTDOWN AFTER ACCIDENT. BACKUP IS THE STEAM DUMPS TO THE CONDENSER.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:DRD.NO.344351AS/N:100858A,OPERATOR MOTOR:RELIANCE-447026-EJ, FR:M56, TYPE:P, B INSUL.

COMP/EQUIP 230/460/3/60, S.F.=50(MEG OHMS), 1700RPM

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00-15

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12	282		298	CDMS001		CDMS002	CONCURRENT		CRMS083	C521
PRESS PSIA ZONE A12	UNKNOWN		90	CDMS001		CDMS002	CONCURRENT		CRMS083	C521
REL HUMID% ZONE A12	100		100	CDMS001		CDMS002	CONCURRENT		CRMS083	C521
RADIATION ZONE A12	2.0E07		2.0E08 RADS	CDMS001		CDMS003	SEPARATE		CRMS083	C521
OPER TIME MN									CRMS083	C521
CHEM SPRAY	N/A								CRMS083	C521
AGING			40 YRS & ACCIDENT			CDMS003	SEPARATE		CRMS083	C521
SUBMURGNC	N/A								CRMS083	C521

DOCUMENTATION

CDMS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDMS002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDMS003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRMS083 NOT REQUIRED TO OPERATE AFTER A LOCA OR DESIGN BASIS MAIN STEAM/FEEDWATER LINE BREAK. THESE VALVES CAN BE USED TO ISOLATE A HIGH ENERGY LINE BREAK IN THE A' BUILDING (BREAK OF 6" LINE TO THE AUX FEEDWATER PUMPS). IN THIS CASE THE VALVES ARE A POTENTIALLY HARSH ENVIRONMENT. ALTERNATE METHOD OF ISOLATION IS USING VALVES MS0005 & MS0011 WHICH REMAIN IN A NORMAL ENVIRONMENT.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6155-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SERVICE WATER (SW)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.349718A, S/N:120037,OPERATOR MOTOR:RELIANCE-447025-EV,TYPE:P, FR:L56, B INSUL.,

COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL H-3BC

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A B	330		298	CDSW001		CDSW002	CONCURRENT		CRSW070	C753
PRESS PSIA ZONE A B	UNKNOWN		90	CDSW001		CDSW002	CONCURRENT		CRSW070	C753
REL HUMID% ZONE A B	100		100	CDSW001		CDSW002	CONCURRENT		CRSW070	C753
RADIATION ZONE A B	1.0E04		2.0E08 RADS	CDSW001		CDSW003	SEPARATE		CRSW070	C753
OPE TME MN									CRSW070	C753
CHEM SPRAY	N/A								CRSW070	C753
AGING			40 YRS & ACCIDENT			CDSW003	SEPARATE		CRSW070	C753
SUBMERGENC	N/A								CRSW070	C753

DOCUMENTATION

CDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDSW002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDSW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRSW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILIARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SERVICE WATER (SW)
 COMP/EQUIP VALVE MOTOR OPERATOR/DRIVE MECH:ORD.NO.347118A, S/N:124474,OPERATOR MOTOR:RELIANCE-447021-EV, TYPE:P, FR:K48, B INSUL.,
 COMP/EQUIP 230/460/3/60, S.F.=100+(MEG OHMS)
 MANUFACTUER LIMITORQUE CONTROL
 MODEL SMB-000

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC	QUAL METHOD	OUTST**	*** NO
TEMP DEG F ZONE A B 330	298	CDSW001	CDSW002 CONCURRENT	CRSW070	C754
PRESS PSIA ZONE A B UNKNOWN	90	CDSW001	CDSW002 CONCURRENT	CRSW070	C754
REL HUMID% ZONE A B 100	100	CDSW001	CDSW002 CONCURRENT	CRSW070	C754
RADIATION ZONE A B 1.0E04	2.0E08 RADS	CDSW001	CDSW003 SEPARATE	CRSW070	C754
OPE TME MN				CRSW070	C754
CHEM SPRAY N/A				CRSW070	C754
AGING	40 YRS & ACCIDENT		CDSW003 SEPARATE	CRSW070	C754
SUBMERCENC N/A				CRSW070	C754

DOCUMENTATION

CDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 CDSW002 FRANKLIN INST. TEST REPORT F-C2485-01
 CDSW003 WCAP 7410-L SECT. 5 VOL.I OF II

OUTSTANDING ITEMS/REMARKS

CRSW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILIARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR CONTAINMENT VENT (RV)
 COMP/EQUIP HYDROGEN RECOMBINER LOWER/FR:182T, STYLE:GJF
 MANUFACTUER BUFFALO FORGE/GE
 MODEL 5K182CK742

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330	SEE REMARKS	DDRVOO1				DDRVOO1	DOO1
PRESS PSIA	ZONE A 9	JNKNOWN	SEE REMARKS	DDRVOO1				DDRVOO1	DOO1
REL HUMID%	ZONE A 9	100	SEE REMARKS	DDRVOO1				DDRVOO1	DOO1
RADIATION	ZONE A 9	1.0E04	SEE REMARKS	DDRVOO1				DDRVOO1	DOO1
OPER TIME MN	LONG TERM		SEE REMARKS					DDRVO60	DOO1
CHEM SPRAY	N/A							DDRVOO1	DOO1
AGING			SEE REMARKS					DDRVOO1	DOO1
SUBMERGENC	N/A								DOO1

DOCUMENTATION

DDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

DDRVOO1 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 DRRVO60 LONG TERM OPERATION IS REQUIRED AFTER LOCA ONLY. FOR LOCA THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT EXCEPT RADIATION. QUALIFICATION FOR RADIATION HAS BEEN ASKED FOR FROM THE MANUFACTURER.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT ISOLATION (CI)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTUER ASCO
 MODEL 8316E34

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12	282	SEE REMARKS	DDRVOO1				DRRVOO4	D102
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	DDRVOO1				DRRVOO4	D102
REL HUMID%	ZONE A12	100	SEE REMARKS	DDRVOO1				DRRVOO4	D102
RADIATION	ZONE A12	2.0E07	SEE REMARKS	DDRVOO1				DRRVOO4	D102
OPE TME MN	SHORT/LONG TERM							DRRV072	D102
CHEM SPRAY			SEE REMARKS					DRRVOO4	D102
AGING			SEE REMARKS					DRRVOO4	D102
SUBMERGENC	N/A								D102

DOCUMENTATION

 DDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 DRRVOO4 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CECO. SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FUTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)
 DRRVO72 SHORT TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR AOV-RV0002. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION. QUALIFICATION FOR RADIATION IS NOT REQUIRED SINCE THIS IS ONLY SHORT TERM OPERATION IS REQUIRED.
 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK IN CONTAINMENT FOR AOV-RV0004. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM CONTAINMENT ISOLATION (CI)

COMP/EQUIP SOLENOID OPERATOR

MANUFACTURER ROSS

MODEL 233693

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A12	282	SEE REMARKS	DDRV001						*** NO DRRV004 D103
PRESS PSIA	ZONE A12	UNKNOWN	SEE REMARKS	DDRV001						DRRV004 D103
REL HUMID%	ZONE A12	100	SEE REMARKS	DDRV001						DRRV004 D103
RADIATION	ZONE A12	2.0E07	SEE REMARKS	DDRV001						DRRV004 D103 DRRV073 D103
OPE TME MN	LONG TERM		SEE REMARKS							DRRV004 D103
CHEM SPRAY			SEE REMARKS							DRRV004 D103
AGING			SEE REMARKS							DRRV004 D103
SUBMERGENC		N/A								D103

DOCUMENTATION

DRRV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

DRRV004 CONTAINMENT ISOL. SOLENOID VALVES WERE ADDRESSED BY WESTINGHOUSE IN LETTER NS CE755. IT WAS DETERMINED BY THIS ANALYSIS THAT CE755 SHOULD INCORPORATE ASCO SOLENOID KITS IN THESE VALVES. IT IS THE PROCESS OF BEING DONE AND AFTER IT IS COMPLETED THE SOLENOID VALVES WILL FAIL TO THE SAFE CONDITION IN ANY POSTULATED ACCIDENT ENVIRONMENT AND THEREFORE NO FURTHER ACTION IS NECESSARY. (REF. WEST. NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT.)

DRRV073 LONG TERM OPERATION IS REQUIRED AFTER LOCA. FOR THESE ACCIDENTS THE ONLY HARSH PARAMETER IS RADIATION.

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PROJECT NUMBER 6165-CO
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM AUX BUILDING VENTILATION (AV)

COMP/EQUIP UNIT COOLER/FAN MOTOR

MANUFACTURER BUFFALO FORGE/WESTINGHOUSE

MODEL 2 TYPE B FAN/1.5 HP/145T FRAME/TEAO

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
TEMP DEG F	ZONE A14 282	104		EDAV001 EDAV002		EDAV001	E003
PRESS PSIA	ZONE A14 UNKNOWN			EDAV001		EDAV001	E003
REL HUMID%	ZONE A14 100			EDAV001		EDAV001	E003
RADIATION	ZONE A14 2.0E07			EDAV001		EDAV001	E003
OPE TME	MN LONG TERM					EDAV001 ERAV050	E003
CHEM SPRAY	N/A					EDAV001	E003
AGING							E003
SUBMERGENC	N/A						E003

DOCUMENTATION
 EDV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 EDV002 SPECIFICATION X-2281 PAGE 10.

OUTSTANDING ITEMS/REMARKS
 EDV001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 ERAV050 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEDWATER LINE BREAK. LONG TERM OPERATION REQUIRED AFTER A HIGH A HIGH ENERGY LINE BREAK IN THE AUXILIARY BUILDING.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM AUX BUILDING VENTILATION (AV)
 COMP/EQUIP UNIT COOLER/FAN MOTOR
 MANUFACTUER BUFFALO FORGE/WESTINGHOUSE
 MODEL 3 TYPE B FAN/3.0 HP/182T FRAME/TEAD

ACCURACY

PARAMETER	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A14	282	104	EDAV001	EDAV002			EDAV001		E004
PRESS PSIA ZONE A14	UNKNOWN		EDAV001				EDAV001		E004
REL HUMID% ZONE A14	100		EDAV001				EDAV001		E004
RADIATION ZONE A14	2.0E07		EDAV001				EDAV001		E004
OPE TME MN LONG TERM							EDAV001	ERAV050	E004
CHEM SPRAY	N/A								E004
AGING							EDAV001		E004
SUBMERGENC	N/A								E004

DOCUMENTATION

EDAV001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 EDAV002 SPECIFICATION X-2281 PAGE 10.

OUTSTANDING ITEMS/REMARKS

EDAV001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 ERAV050 LONG TERM OPERATION IS REQUIRED AFTER LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. LONG TERM OPERATION REQUIRED AFTER A HIGH ENERGY LINE BREAK IN THE AUXILLARY BUILDING.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP HYDROGEN PURGE FAN/MOTOR HYDROGEN CONTROL/CONTAINMENT
 MANUFACTUER BUFFALO FORGE/G.E.
 MODEL 3E FAN/O.5 HP

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330	SEE REMARKS	FDRV006				FRRV001	FO02
PRESS PSIA	ZONE A 9	UNKNOWN	SEE REMARKS	FDRV006				FRRV001	FO02
REL HUMID%	ZONE A 9	100	SEE REMARKS	FDRV006				FRRV001	FO02
RADIATION	ZONE A 9	1.0E04	SEE REMARKS	FDRV006				FRRV001	FO02
OPE TME MN	LONG TERM		SEE REMARKS					FRRV060	FO02
CHEM SPRAY	NOT APPLICABLE								FO02
AGING	40 YRS & ACCIDENT		SEE REMARKS					FRRV001	FO02
SUBMERGENC	NOT APPLICABLE								FO02

DOCUMENTATION

FDRV006 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

FRRV001 A LETTER WILL BE SENT TO BUFFALO FORGE TO DETERMINE IF THE MOTORS ARE DESIGNED TO THE PLANT DESIGN CONDITIONS AND THE QUALIFICATION METHODS USED TO DETERMINE THIS.
 FRRV060 LONG TERM OPERATION IS REQUIRED AFTER LOCA ONLY. FOR LOCA THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP TEMPERATURE SWITCH FOR HYDROGEN PURGE CHARCOAL FILTER
 MANUFACTUER UNITED ELECTRIC
 MODEL C-300

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330	SEE REMARKS	IDRVO02				IRRVO02	I402
PRESS PSIA	ZONE A 9	UNKNOWN	SEE REMARKS	IDRVO02				IRRVO02	I402
REL HUMID%	ZONE A 9	100	SEE REMARKS	IDRVO02				IRRVO02	I402
RADIATION	ZONE A 9	1.0E04	SEE REMARKS	IDRVO02				IRRVO02	I402
OPE TME MN	LONG TERM		SEE REMARKS					IRRVO60	I402
CHEM SPRAY	N/A								I402
AGING			SEE REMARKS					IRRVO02	I402
SUBMERGENC	N/A								I402

DOCUMENTATION

IDRVO02 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

IRRVO02 A LETTER WILL BE SENT TO UNITED ELECTRIC TO OBTAIN THE QUALIFICATION ITEMS.
 IRRVO60 LONG TERM OPERATION IS REQUIRED AFTER LOCA ONLY. FOR LOCA THE EQUIPMENT IS IN A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CONTAINMENT SPRAY (CS)
 LAMP/EQUIP LEVEL INDICATING SWITCH
 MANUFACTURER MAGNETROL
 MODEL 82-1212-002

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330	SEE REMARKS	MDCS001					MO03
PRESS PSIA	ZONE A	UNKNOWN	SEE REMARKS	MDCS001					MO03
REL HUMID%	ZONE A	100	SEE REMARKS	MDCS001					MO03
RADIATION	ZONE A	10E04	SEE REMARKS	MDCS001					MO03
OPER TIME MN	MEDIUM TERM		SEE REMARKS					MRC5050	MO03
CHEM SPRAY	N/A								MO03
AGING			SEE REMARKS						MO03
SUBMERGENC	N/A								MO03

DOCUMENTATION

MDCS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRC5050 MEDIUM TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 10B2496PBBABBB

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE T 4	375	290	MDFW004		MDFW001 CONCURRENT		M203
PRESS PSIA	ZONE T 4	43.7	75	MDFW004		MDFW001 CONCURRENT		M203
REL HUMID%	ZONE T 4	100	100	MDFW004		MDFW001 CONCURRENT		M203
RADIATION	ZONE T 4		1.2E08 RADS	MDFW004		MDFW002 SEPARATE & COMPARI SN		M203
OPE TME MN	SHORT TERM		2.5 HRS			MDFW001 CONCURRENT	MRFW080	M203
CHEM SPRAY	N/A							M203
AGING								M203
SUBMERGENC	N/A							M203

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW080 SHORT TERM OPERATION IS REQUIRED AFTER A MAINSTEAM OR FEEDWATER LINE BREAK. BACKUP IS AUXILIARY FEEDWATER FLOW.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1041BCXA

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 3	550	290 (2.5 HRS)	MDFW004	MDFW001 CONCURRENT	M204
PRESS PSIA	ZONE T 3	63.7	75 (2.5 HRS)	MDFW004	MDFW001 CONCURRENT	M204
REL HUMID%	ZONE T 3	100	100 (2.5 HRS)	MDFW004	MDFW001 CONCURRENT	M204
RADIATION	ZONE T 3		1.2E08 RADS	MDFW004	MDFW002 SEPARATE & COMPARI SN	M204
OPE TME MN	SHORT TERM		2.5 HRS		MDFW001 CONCURRENT	MRFW090 M204
CHEM SPRAY	N/A					M204
AGING						M204
SUBMERGENC	N/A					M204

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW090 SHORT TERM OPERATION IS REQUIRED AFTER MAIN STEAM OR FEEDWATER LINE BREAK

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTUER UNITED ELECTRIC
 MODEL 9503

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A 8 330		SEE REMARKS	MDFW003					MRFW008	M205
PRESS PSIA	ZONE A 8 UNKNOWN		SEE REMARKS	MDFW003					MRFW008	M205
REL HUMID%	ZONE A 8 100		SEE REMARKS	MDFW003					MRFW008	M205
RADIATION	ZONE A 8 1.0E04			MDFW003						M205
OPE TME MN	LONG TERM								MRFW008	M205
CHEM SPRAY	N/A									M205
AGING			SEE REMARKS						MRFW008	M205
SUBMERGENC	N/A									M205

DOCUMENTATION

MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW008 REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE COMPONENT IS IN A NON HARSH ENVIRONMENT. H

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP FLOW TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 10B2495

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL			***	NO
TEMP DEG F	ZONE A B 330		290	MDFW004	MDFW001 CONCURRENT	MRFW070	M207
PRESS PSIA	ZONE A B UNKNOWN		75	MDFW004	MDFW001 CONCURRENT	MRFW070	M207
REL HUMID%	ZONE A B 100		100	MDFW004	MDFW001 CONCURRENT	MRFW070	M207
RADIATION	ZONE A B 1.0E04		1.2E08 RADS	MDFW004	MDFW002 SEPARATE & COMPARISN	MRFW070	M207
OPE TML	MN		2.5 HRS		MDFW001 CONCURRENT	MRFW070	M207
CHEM SPRAY	N/A					MRFW070	M207
AGING						MRFW070	M207
SUBMERGENC	N/A					MRFW070	M207

DOCUMENTATION

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 & FISCHER & PORTER REPORT 2204-51-B-006, DEC 1968
 MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
 MDFW004 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW070 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTUER ASCHROFT
 MODEL 4400

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A B	330	SEE REMARKS	MDFW003				MRFW008	M208
PRESS PSIA	ZONE A B	UNKNOWN	SEE REMARKS	MDFW003				MRFW008	M208
REL HUMID%	ZONE A B	100	SEE REMARKS	MDFW003				MRFW008	M208
RADIATION	ZONE A B	1.0E04		MDFW003					M208
OPE TME MN								MRFW008	M208
CHEM SPRAY	N/A								M208
AGING			SEE REMARKS					MRFW008	M208
SUBMERCENC	N/A								M208

DOCUMENTATION

*=====

MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

*=====

MRFW008 REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK FOR THESE ACCIDENTS THE COMPONENT IS IN A NON HARSH ENVIRONMENT. H

QUALIFICATION DATA SHEET

PROJECT NUMBER 617-0
 REVISION 2
 DATE 22 AUG 80

SYSTEM FEEDWATER (FW)
 COMP/EQUIP INDICATOR
 MANUFACTURER WESTINGHOUSE
 MODEL VX-252

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE A B	330	SEE REMARKS	MDFW003				M210
PRESS PSIA	ZONE A B	UNKNOWN	SEE REMARKS	MDFW003				M210
REL HUMID%	ZONE A B	100	SEE REMARKS	MDFW003				M210
RADIATION	ZONE A B	1.0E04		MDFW003				M210
OPE TME MN	LONG TERM						MRFW004	M210
CHEM SPRAY	N/A							M210
AGING			SEE REMARKS					M210
SUBMERGENC	N/A							M210

DOCUMENTATION

MDFW003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRFW004 FOR LOCA AND MS/FW LINE BREAK THE COMPONENT IS IN A NON HARSH ENVIRONMENT. THE COMPONENT IS NOT REQUIRED TO FUNCTION AFTER A HIGH ENERGY LINE BREAK IN THE AUX BUILDING PER THE FSAR. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP ELECTRICAL INDICATORS
 MANUFACTUER WESCHLER
 MODEL

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A B	330	SEE REMARKS	MDRC005				MRRCO70	M306
PRESS PSIA	ZONE A B	UNKNOWN	SEE REMARKS	MDRC005				MRRCO70	M306
REL HUMID%	ZONE A B	100	SEE REMARKS	MDRC005				MRRCO70	M306
RADIATION	ZONE A B	1.0E04	SEE REMARKS	MDRC005				MRRCO70	M306
OPE TME MN			SEE REMARKS					MRRCO70	M306
CHEM SPRAY								MRRCO70	M306
AGING			SEE REMARKS					MRRCO70	M306
SUBMERCENC	N/A							MRRCO70	M306

DOCUMENTATION

MDRC005 FRANKLIN INSTITUTE REPORT F-C2667, NOV. 1969 & LETTER FROM D.A. PRICE OF ITT BARTON TO J. AWAL OF CECO. DATED APRIL 30, 1975.

OUTSTANDING ITEMS/REMARKS

MRRCO70 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR COOLANT (RC)
 COMP/EQUIP ELECTRICAL INDICATORS
 MANUFACTUER WESTINGHOUSE
 MODEL VX-252

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	***	NO	
TEMP DEG F	ZONE A B	330	SEE REMARKS	MDRC005				MRRCO70	M307	
PRESS PSIA	ZONE A B	UNKNOWN	SEE REMARKS	MDRC005				MRRCO70	M307	
REL HUMID%	ZONE A B	100	SEE REMARKS	MDRC005				MRRCO70	M307	
RADIATION	ZONE A B	1.0E04	SEE REMARKS	MDRC005				MRRCO70	M307	
OPE TME MN			SEE REMARKS						M307	
CHEM SPRAY	N/A							MRRCO70	M307	
AGING			SEE REMARKS						M307	
SUBMERGENC	N/A								M307	

DOCUMENTATION

MDRC005 FRANKLIN INSTITUTE REPORT F-C2667, NOV. 1969 & LETTER FROM D.A. PRICE OF ITT BARTON TO J. AWAL OF CECO, DATED APRIL 30, 1975.

OUTSTANDING ITEMS/REMARKS

MRRCO70 EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT ONLY (NOT REQUIRED TO OPERATE AFTER A HIGH ENERGY LINE BREAK IN AUXILLARY BUILDING.) QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SERVICE WATER (SW)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTUER UNITED ELECTRIC
 MODEL J110-164

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A B	330	SEE REMARKS	MDSW001					M501
PRESS PSIA	ZONE A B	UNKNOWN	SEE REMARKS	MDSW001					M501
REL HUMID%	ZONE A B	100	SEE REMARKS	MDSW001					M501
RADIATION	ZONE A B	1.0E04	SEE REMARKS	MDSW001					M501
OPE TME MN	LONG TERM		SEE REMARKS					MRSW060	M501
CHEM SPRAY	N/A								M501
AGING			SEE REMARKS						M501
SUBMERGENC	N/A								M501

DOCUMENTATION

MDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRSW060 REQUIRED ONLY TO START PUMP IN THE EVENT OF A LOW PRESSURE SIGNAL DURING NORMAL OPERATION. NOT REQUIRED IN THE EVENT OF A HIGH ENERGY LINE BREAK IN THE AUX BUILDING. NO QUALIFICATION REQUIRED.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SERVICE WATER (SW)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1071

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A B	330	290 (2.5 HRS)	MDSW001	MDSW002 CONCURRENT		M504
PRESS PSIA	ZONE A B	UNKNOWN	75 (2.5 HRS)	MDSW001	MDSW002 CONCURRENT		M504
REL HUMID%	ZONE A B	100	100 (2.5 HRS)	MDSW001	MDSW002 CONCURRENT		M504
RADIATION	ZONE A B	1.0E04	1.2E08 RADS	MDSW001	MDSW003 SEPARATE		M504
OPE TME MN			2.5 HRS		MDSW002 CONCURRENT		M504
CHEM SPRAY	N/A						M504
AGING			SEE REMARKS			MRSW002	M504
SUBMERGENC	N/A						M504

DOCUMENTATION

MDSW001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 MDSW002 FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968, AND FRANKLIN INSTITUTE REPORT F-C2639 NOV. 1969
 MDSW003 FISCHER & PORTER D.P. NO.222-1 REPORT NO. 004 OCT. 22, 1973

OUTSTANDING ITEMS/REMARKS

MRSW002 A LETTER WILL BE WRITTEN TO THE MANUFACTURER TO OBTAIN THE ADDITONAL QUALIFICATION ITEMS.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM PENETRATION PRESSURIZATION (PP)
 COMP/EQUIP PRESSURE SWITCH
 MANUFACTUER UNITED ELECTRIC
 MODEL J302-358

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9	330		MDPP003					M601
PRESS PSIA	ZONE A 9	UNKNOWN		MDPP003					M601
REL HUMID%	ZONE A 9	100		MDPP003					M601
RADIATION	ZONE A 9	1.0E04		MDPP003					M601
OPE TME MN	LONG TERM							MRPPO50	M601
CHEM SPRAY	N/A								M601
AGING									M601
SUBMERGENC	N/A								M601

DOCUMENTATION

MDPP003 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRPPO50 LONG TERM OPERATION IS REQUIRED FOR LOCA OR MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE EQUIPMENT IS EXPOSED TO A NON-HARSH ENVIRONMENT. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM PENETRATION PRESSURIZATION (PP)
 COMP/EQUIP PRESSURE TRANSMITTER
 MANUFACTUER FISCHER & PORTER
 MODEL 50EP1071

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	OUTST**	*** NO
TEMP DEG F	ZONE A 9 330		290	MDPPO03		MDPPO01 CONCURRENT		M602
PRESS PSIA	ZONE A 9 UNKNOWN		75	MDPPO03		MDPPO01 CONCURRENT		M602
REL HUMID%	ZONE A 9 100		100	MDPPO03		MDPPO01 CONCURRENT		M602
RADIATION	ZONE A 9 1.0E04		1.2E08 RADS	MDPPO03		MDPPO02 SEPARATE & COMPARISN		M602
OPE TME MN			2.5 HRS			MDPPO01 CONCURRENT	MRPPO55	M602
CHEM SPRAY	N/A							M602
AGING								M602
SUBMERGENC	N/A							M602

DOCUMENTATION

MDPPO01 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969 AND FISCHER & PORTER REPORT 2204-51-B-006 DEC. 1968
 MDPPO02 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
 MDPPO03 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRPPO55 NOT REQUIRED TO OPERATE AFTER ACCIDENT PER FSAR. NO QUALIFICATION IS NECESSARY.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP HUMIDITY INDICATING TRANSDUCER
 MANUFACTUER TAYLOR
 MODEL 10H5

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT	DES	SPEC	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9 271		SEE REMARKS	MDR	VOO	1		MRR	VOO1 M902
PRESS PSIA	ZONE A 9 62		SEE REMARKS	MER	VOO	1		MRR	VOO1 M902
REL HUMID%	ZONE A 9 100		SEE REMARKS	MDR	VOO	1		MRR	VOO1 M902
RADIATION	ZONE A 9 1.0E04		SEE REMARKS	MDR	VOO	1		MRR	VOO1 M902
OPE TME MN			SEE REMARKS						M902
CHEM SPRAY	N/A							MRR	VOO1 M902
AGING			SEE REMARKS					MRR	VOO1 M902
SUBMERGENC	N/A								M902

DOCUMENTATION

MDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRRVOO1 NO QUALIFICATION IS REQUIRED. THE INSTRUMENT IS NOT REQUIRED TO FUNCTION DURING OR AFTER A LOCA OR HELB. LOCA CAN BE IDENTIFIED BY CONTAINMENT PRESSURE, RADIATION OR WATER LEVEL.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM REACTOR CONTAINMENT VENT. (RV)
 COMP/EQUIP MV/I CONVERTER
 MANUFACTUER ACROMAG
 MODEL 311-BX-U

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A 9 271			SEE REMARKS	MDRVOO1				MRRVOO1	M903	
PRESS PSIA ZONE A 9 62			SEE REMARKS	MDRVOO1				MRRVOO1	M903	
REL HUMID% ZONE A 9 100			SEE REMARKS	MDRVOO1				MRRVOO1	M903	
RADIATION ZONE A 9 1.0E04			SEE REMARKS	MDRVOO1				MRRVOO1	M903	
OPE TME MN			SEE REMARKS					MRRVOO1	M903	
CHEM SPRAY	N/A							MRRVOO1	M903	
AGING			SEE REMARKS					MRRVOO1	M903	
SUBMERGENC	N/A								M903	

DOCUMENTATION

MDRVOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

MRRVOO1 NO QUALIFICATION IS REQUIRED. THE INSTRUMENT IS NOT REQUIRED TO FUNCTION DURING OR AFTER A LOCA OR HELB. LOCA CAN BE IDENTIFIED BY CONTAINMENT PRESSURE, RADIATION OR WATER LEVEL.



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CHEMICAL & VOLUME CONTROL (VC)
 COMP/EQUIP INDICATOR
 MANUFACTUER WESTINGHOUSE
 MODEL VX-252

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	***	NO	
TEMP DEG F	ZONE A B 330		SEE REMARKS	NDVCOO1				NRVCOO1	N303	
PRESS PSIA	ZONE A B UNKNOWN		SEE REAMRKS	NDVCOO1				NRVCOO1	N303	
REL HUMID%	ZONE A B 100		SEE REMARKS	NDVCOO1				NRVCOO1	N303	
RADIATION	ZONE A B 1.0E04			NDVCOO1				NRVCOO1	N303	
OPE TME MN									N303	
CHEM SPRAY	N/A								N303	
AGING			SEE REMARKS					NRVCOO1	N303	
SUBMERGENC	N/A								N303	

DOCUMENTATION

NDVCOO1 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

NRVCOO1 REQUIRED FOR LOCA AND MAIN STEAM/FEEDWATER LINE BREAK. FOR THESE ACCIDENTS THE COMPONENT IS IN A NON HARSH ENVIRONMENT. NOT REQUIRED FOR A HIGH ENERGY LINE BREAK IN THE AUX BUILDING. QUALIFICATION BY EXPERIENCE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MAIN STEAM (MS)
 COMP/EQUIP PRESSURE SWITCH ON MSIV HYDRAULIC UNITS
 MANUFACTUER BARKSDALE
 MODEL 9672-3

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 4	375	SEE REMARKS	PDMS001					PRMS001 P001
PRESS PSIA	ZONE T 4	43.7	SEE REMARKS	PDMS001					PRMS001 P001
REL HUMID%	ZONE T 4	100	SEE REMARKS	PDMS001					PRMS001 P001
RADIATION	ZONE T 4		SEE REMARKS	PDMS001					PRMS001 P001
OPE TME MN			SEE REMARKS						PRMS050 P001
CHEM SPRAY	N/A								P001
AGING			SEE REMARKS						PRMS001 P001
SUBMERCENC	N/A								P001

DOCUMENTATION

PDMS001 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

PRMS001 THESE PRESSURE SWITCHES ARE PART OF THE HYDRAULIC UNIT ON THE MAIN STEAM ISOL. VLVS. THEY WILL THEN BE QUALIFIED AS A PACKAGE AND WILL BE INCLUDED IN THE MSIV QUALIFICATION.
 PRMS050 NOT REQUIRED TO SHUT THE ISOLATION VALVES IN THE EVENT OF A HIGH ENERGY LINE BREAK IN THE VALVE ROOM.

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM AP, AV, CC, FW, MS, PP, PR, RH, SI, SW, VC
 COMP/EQUIP 2APO91/480V AUX BLDG ESS MCC 2383B
 MANUFACTURER GENERAL ELECTRIC COMPANY

MODEL 7700 LINE

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE A 8 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXM001 QDXM002	SEE OUTST ITEMS	QDXM001 QDXM001 Q030	*** NO
PRESS PSIA	ZONE A 8 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXM001 QDXM002	SEE OUTST ITEMS	QDXM001 QDXM001 Q030	*** NO
REL HUMID%	ZONE A 8 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXM001 QDXM002	SEE OUTST ITEMS	QDXM001 QDXM001 Q030	*** NO
RADIATION	ZONE A 8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXM001 QDXM002	SEE OUTST ITEMS	QDXM001 QDXM001 Q030	*** NO
OPE TME MN	30 DAYS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 QDXM001 QDXM002	SEE OUTST ITEMS	QDXM001 QDXM001 Q030	*** NO
CHEM SPRAY	N/A						Q030
AGING							Q030
SUBMURGNC	N/A						Q030

DOCUMENTATION

QDXM001 SARGENT & LUNDY SPEC. NO. X-2260
 QDXM002 QUALIFICATION DOCUMENTATION REFERENCE TO BE INVESTIGATED WITH MANUFACTURER
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

QDXM001 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO GENERAL ELECTRIC TO OBTAIN THE PROPER SPECIFICATION DATA.
 QDXM002 THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.
 QDXM001 NOT REQUIRED FOR POST-LOCA OR HELB SAFE-SHUTDOWN ACTUATION SERVICES.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM AP, VC, CS, MS, FW, CC, SI
 COMP/EQUIP 2APO53/MOTOR OPERATED VALVE - HEATER - DISTRIBUTION PANEL DIV.27
 MANUFACTURER FISCHBACH-HATFIELD
 MODEL B/M-C458

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A B 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXW001	QDXW002	SEE OUTST ITEMS	QDXW001		Q036
PRESS PSIA ZONE A B UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXW001	QDXW002	SEE OUTST ITEMS	QDXW001		Q036
REL HUMID% ZONE A B 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXW001	QDXW002	SEE OUTST ITEMS	QDXW001		Q036
RADIATION ZONE A B 2.0EOB		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXW001	QDXW002	SEE OUTST ITEMS	QDXW001		Q036
OPE TME MN										Q036
CHEM SPRAY N/A										Q036
AGING										Q036
SUBMERGENC N/A										Q036

DOCUMENTATION

 QDXW001 SARGENT & LUNDY SPEC. NO. X-2329
 QDXW002 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO GENERAL ELECTRIC REQUESTING THE PROPER QUALIFICATION DATA DOCUMENTATION REFERENCES.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

 QDXW001 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM FISCHBACH-HATFIELD.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI, FW, MS, AP, CC, RH, VC, SW, CS
 COMP/EQUIP 2A054/MOTOR OPERATED VALVE - HEATER - DISTRIBUTION PANEL DIV.28
 MANUFACTUER FISCHBACH-HATFIELD
 MODEL B/M-C458

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A B 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXWOO1	QDXWOO2	SEE OUTST ITEMS	QDXWOO1	Q037
PRESS PSIA	ZONE A B UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXWOO1	QDXWOO2	SEE OUTST ITEMS	QDXWOO1	Q037
REL HUMID%	ZONE A B 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXWOO1	QDXWOO2	SEE OUTST ITEMS	QDXWOO1	Q037
RADIATION	ZONE A B 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	QDXWOO1	QDXWOO2	SEE OUTST ITEMS	QDXWOO1	Q037
OPE TME MN									Q037
CHEM SPRAY	N/A								Q037
AGING									Q037
SUBMERCENC	N/A								Q037

DOCUMENTATION

QDXWOO1 SARGENT & LUNDY SPEC. NO. X-2329
 QDXWOO2 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO GENERAL ELECTRIC REQUESTING THE PROPER QUALIFICATION DATA DOCUMENTATION REFERENCES.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

QDXWOO1 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PREFORMED TO DETERMINE IF IT IS ACTUCALLY NEED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM FISCHBACH-HATFIELD.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS, RC, VC

COMP/EQUIP 2LP57/REMOTE SHUTDOWN CONTROL STATION DIV.27

MANUFACTUER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				OUTST**	*** NO
TEMP DEG F ZONE A B	330	330 DEG.F OR LESS	330 DEG.F OR LESS	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS		TO17
PRESS PSIA ZONE A B	UNKNOWN	148 PSIG	148 PSIG	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS		TO17
REL HUMID% ZONE A B	100	100%	100%	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS		TO17
RADIATION ZONE A B	2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999		TDLPO08	SEE OUTST ITEMS	TOLPO05	TO17
OPE TME MN 30 DAYS		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999		TDLPO08	SEE OUTST ITEMS	TOLPO05	TO17
CHEM SPRAY	N/A								TO17
AGING									TO17
SUBMERGENC	N/A								TO17

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS, DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER
 TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329
 TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUCALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA, THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CC, FW, RC, VC
 COMP/EQUIP 2LP58/REMOTE SHUTDOWN CONTROL STATION DIV.28
 MANUFACTUER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS
 MODEL

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A 8 330	330 DEG.F OR LESS	330 DEG.F OR LESS	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS			TO18	
PRESS PSIA	ZONE A 8 UNKNOWN	148 PSIG	148 PSIG	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS			TO18	
REL HUMID%	ZONE A 8 100	100%	100%	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS			TO18	
RADIATION	ZONE A 8 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999		TDLPO08	SEE OUTST ITEMS	TOLPO05		TO18	
OPE TME MN	30 DAYS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999		TDLPO08	SEE OUTST ITEMS	TOLPO05		TO18	
CHEM SPRAY	N/A									TO18	
AGING										TO18	
SUBMERGENC	N/A									TO18	

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS, DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER
 TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329
 TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA, THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CC, FW, M, VC
 COMP/EQUIP 2LP59/REMOTE SHUTDOWN CONTROL STATION DIV.29
 MANUFACTUER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS
 MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A 8 330		330 DEG.F OR LESS	330 DEG.F OR LESS	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS			TO19
PRESS PSIA ZONE A 8 UNKNOWN		148 PSIG	148 PSIG	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS			TO19
REL HUMID% ZONE A 8 100		100%	100%	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS			TO19
RADIATION ZONE A 8 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999		TDLPO08	SEE OUTST ITEMS	TOLPO05		TO19
OPE TME MN 30 DAYS		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999		TDLPO08	SEE OUTST ITEMS	TOLPO05		TO19
CHEM SPRAY N/A										TO19
AGING										TO19
SUBMERGENC N/A										TO19

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS, DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER
 TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329
 TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA, THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.



PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM FW
 COMP/EQUIP 2LP60/REMOTE SHUTDOWN CONTROL STATION BOP
 MANUFACTURER SUPPLIED THROUGH FISCHBACH-HATFIELD CONTRACTORS

MODEL	ENVIRONMENT	QUALIFICATION	REFERENCE	QUALIFICATION	OUTST**	REMARKS
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC	QUAL	METHOD		COMP
TEMP DEG F ZONE A 8 330	330 DEG.F OR LESS	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	TO20
PRESS PSIA ZONE A 8 UNKNOWN	148 PSIG	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	TO20
REL HUMID% ZONE A 8 100	100%	UDXX999	TDLPO02	TDLPO01	SIMULTANEOUS	TO20
RADIATION ZONE A 8 2.0E08	SEE OUTST ITEMS	UDXX999	TDLPO08	SEE OUTST ITEMS	TOLPO05	TO20
OPE TME MN 30 DAYS	SEE OUTST ITEMS	UDXX999	TDLPO08	SEE OUTST ITEMS	TOLPO05	TO20
CHEM SPRAY N/A						TO20
AGING						TO20
SUBMERGENC N/A						TO20

DOCUMENTATION

TDLPO01 TEST PARAMETERS SUPPLIED BY S&L LETTER: ENVIRONMENTAL QUALIFICATION TESTING FOR REMOTE SHUTDOWN PANEL COMPONENTS. DATED 6/26/73. WRITTEN BY W.C.CLEFF TO R.L.BOLGER

TDLPO02 SARGENT & LUNDY SPEC. NO. X-2329

TDLPO08 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM FISCHBACH-HATFIELD IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO05 A LETTER WILL BE WRITTEN BY CECO TO FISCHBACH-HATFIELD TO OBTAIN THE PROPER SPECIFICATION DATA, THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.

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 REVISION 2
 DATE 22 AUG 80

QUALIFICATION DATA SHEET

SYSTEM RV

COMP/EQUIP 2LP22/CONTAINMENT VENTILATION SYSTEM CONTROL PANEL

MANUFACTURER POWERS REGULATOR COMPANY

MODEL

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	ZONE A 9 330	SEE OUTS ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO02	***	NO
PRESS	PSIA ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPOC3	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO02		TO32
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO02		TO32
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO06	TDLPO03	SEE OUTST ITEMS	SEE OUTST ITEMS	TDLPO02		TO32
OPE TME	MN										TO32
CHEM SPRAY	N/A										TO32
AGING											TO32
SUBMERGENC	N/A										TO32

DOCUMENTATION

TDLPO03 QUALIFICATION DOCUMENTATION REFERENCE TO BE INVESTIGATED WITH MANUFACTURER
 TDLPO06 SARGENT & LUNDY SPEC. NO. X-2286
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO02 A LETTER WILL BE WRITTEN BY SARGENT & LUNDY TO POWERS REGULATOR TO OBTAIN THE PROPER SPECIFICATION DATA. THE PROPER ENVIRONMENTAL QUALIFICATION DATA AND THE APPROPRIATE QUALIFICATION METHOD INFORMATION.

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC

COMP/EQUIP 2LP23/GAS STRIPPER AND BORON CONCENTRATION CONTROL PANEL

MANUFACTURER

MODEL

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO07	SEE OUTST ITEMS	TOLPO04		T033
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO07	SEE OUTST ITEMS	TOLPO04		T033
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO07	SEE OUTST ITEMS	TOLPO04		T033
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	TDLPO05	TDLPO07	SEE OUTST ITEMS	TOLPO04		T033
OPE TME MN										T033
CHEM SPRAY N/A										T033
AGING										T033
SUBMERGENC N/A										T033

DOCUMENTATION

TDLPO05 SARGENT & LUNDY SPEC. NO. X-2200ST
 TDLPO07 THE APPROPRIATE QUALIFICATION DATA DOCUMENTATION REFERENCES SHALL BE REQUESTED FROM WESTINGHOUSE IF IT IS DETERMINED, FOLLOWING A THOROUGH ENGINEERING ANALYSIS, THAT THIS COMPONENT IS ACTUALLY NEEDED.
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS

OUTSTANDING ITEMS/REMARKS

TOLPO04 FOR THIS COMPONENT, AN ANALYSIS IS TO BE PERFORMED TO DETERMINE IF IT IS ACTUALLY NEEDED IN THE EVENT OF A 'LOCA' OR A 'HELB'. IF IT IS DETERMINED THAT THIS COMPONENT IS NEEDED, THE PROPER SPECIFICATION DATA, ENVIRONMENTAL QUALIFICATION DATA AND THE QUALIFICATION METHOD INFORMATION WILL BE REQUESTED FROM WESTINGHOUSE.

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0110/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X035
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X035
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X035
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X035
OPE TME MN								X035
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X035
AGING								X035
SUBMERGENC N/A								X035

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0111/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X036
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X036
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X036
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X036
OPE TME MN										X036
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X036
AGING										X036
SUBMURGENC N/A										X036

DOCUMENTATION

*-----
 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

*-----
 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-0C
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0051/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X051
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X051
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X051
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X051
OPE TME MN										X051
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X051
AGING										X051
SUBMERGENC N/A										X051

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0063/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X052
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X052
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X052
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X052
OPE TME MN									X052
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X052
AGING									X052
SUBMURGNC	N/A								X052

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0109/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY				ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO		
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X053		
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X053		
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X053		
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X053		
OPE TME MN										X053		
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X053		
AGING										X053		
SUBMERCENC	N/A									X053		

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0207/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X054
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X054
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X054
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X054
OPE TME MN										X054
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X054
AGING										X054
SUBMERGENC N/A										X054

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0208/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X055
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X055
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X055
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X055
OPE TME MN								X055
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X055
AGING								X055
SUBMURGENC N/A								X055

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0209/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DF% F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X056
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X056
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X056
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X056
OPE TME MN								X056
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X056
AGING								X056
SUBMERCENC N/A								X056

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IP, CC
 COMP/EQUIP 2AB0308/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X057
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X057
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X057
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X057
OPE TME MN								X057
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X057
AGING								X057
SUBMERGENC	N/A							X057

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI, CC, FW, VC, IP
 COMP/EQUIP 2AB0309/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X058	
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X058	
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X058	
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X058	
OPE TME MN										X058	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X058	
AGING										X058	
SUBMURGNC	N/A									X058	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW, VC, CC, IP
 COMP/EQUIP 2AB0310/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY		ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A 9 330	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X059
PRESS PSIA	ZONE A 9 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X059
REL HUMID%	ZONE A 9 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X059
RADIATION	ZONE A 9 1.0E04	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X059
OPE TME MN						X059
CHEM SPRAY	N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X059
AGING						X059
SUBMERGENC	N/A					X059

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER



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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC, IP
 COMP/EQUIP 2AB0311/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL				
TEMP DEG F ZONE A 9 330	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X060
PRESS PSIA ZONE A 9 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X060
REL HUMID% ZONE A 9 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X060
RADIATION ZONE A 9 1.0E04	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X060
OPE TME MN						X060
CHEM SPRAY N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X060
AGING						X060
SUBMERCENC N/A						X060

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC
 COMP/EQUIP 2AB0373/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A10 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X061
PRESS PSIA	ZONE A10 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X061
REL HUMID%	ZONE A10 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X061
RADIATION	ZONE A10 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X061
OPE TME MN									X061
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X061
AGING									X061
SUBMERGENC	N/A								X061

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2AB0072/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE	A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X071
PRESS PSIA ZONE	A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UCXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X071
REL HUMID% ZONE	A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X071
RADIATION ZONE	A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X071
OPE TME MN										X071
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X071
AGING										X071
SUBMERCENC	N/A									X071

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2ABC073/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X072
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X072
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X072
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X072
OPE TME MN										X072
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X072
AGING										X072
SUBMERCENC N/A										X072

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2AB0074/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MGDEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE	A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO01		X073
PRESS PSIA ZONE	A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO02		X073
REL HUMID% ZONE	A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO03		X073
RADIATION ZONE	A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO04		X073
OPE TME MN								X073
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO05		X073
AGING								X073
SUBMURGEC	N/A							X073

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDABO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDABO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOABO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2AB0075/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X074
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X074
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X074
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X074
OPE TME MN										X074
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X074
AGING										X074
SUBMERGENC N/A										X074

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2AB0076/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 2B2	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X075
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X075
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X075
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X075
OPE TME MN									X075
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X075
AGING									X075
SUBMURGNC	N/A								X075

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RV
 COMP/EQUIP 2AB0077/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X076	
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X076	
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X076	
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X076	
OPE TME MN										X076	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X076	
AGING										X076	
SUBMERGENC M/A										X076	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM 5I
 COMP/EQUIP 2AB0078/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X108
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X108
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X108
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X108
OPE TME MN								X108
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X108
AGING								X108
SUBMURGENC N/A								X108

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2AB0079/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X109
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X109
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X109
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X109
OPE TME MN										X109
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X109
AGING										X109
SUBMURGNC N/A										X109

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2AB0113/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X110
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X110
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X110
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X110
OPE TME MN										X110
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X110
AGING										X110
SUBMERGENC	N/A									X110

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2AB0153/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X111	
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X111	
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X111	
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X111	
OPE TME MN								X111	
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X111	
AGING								X111	
SUBMURGNC N/A								X111	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2AB0168/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X112	
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X112	
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X112	
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X112	
OPE TME MN										X112	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X112	
AGING										X112	
SUBMERGENC	N/A									X112	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2AB0169/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 2P2		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X113
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X113
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X113
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X113
OPE TME MN										X113
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X113
AGING										X113
SUBMERGENC N/A										X113

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM SI
 COMP/EQUIP 2AB0175/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE A12 2B2		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X114
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X114
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X114
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X114
OPER TIME MN									X114
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X114
AGING									X114
SUBMERGENC N/A									X114

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO137/REACTOR BUILDING (CONTAINMENT) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE C 1 271	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X129
PRESS PSIA	ZONE C 1 62	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X129
REL HUMID%	ZONE C 1 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X129
RADIATION	ZONE C 1 2.0E08	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X129
OPE TME MN								X129
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X129
AGING								X129
SUBMERCENC								X129

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XORBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XORBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO247/UPPER SAFETY VALVE ROOM JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE T 2 550	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO01	X230
PRESS PSIA ZONE T 2 40.7	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO02	X230
REL HUMID% ZONE T 2 100	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO03	X230
RADIATION ZONE T 2 2.0E07	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO04	X230
OPE TME MN					X230
CHEM SPRAY	SEE OUTST ITEMS	UDXX999 XDRBO01 XDRBO02	SEE OUTST ITEMS	XORBO05	X230
AGING					X230
SUBMERCENC					X230

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0071/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X302
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X302
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X302
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X302
OPER TIME MN									X302
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X302
AGING									X302
SUBMERGENC	N/A								X302

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0080/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X303
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X303
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X303
RADIATION ZONE A12 2 OE07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X303
OPE TME MN										X303
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X303
AGING										X303
SUBMERCENC N/A										X303

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0081/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X304
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X304
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X304
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X304
OPE TME MN									X304
CHEM SPR:Y	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X304
AGING									X304
SUBMERGENC	N/A								X304

DOCUMENTATION

UDXX999 FD- PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2A60082/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X305
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X305
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X305
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X305
OPE TME MN										X305
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X305
AGING										X305
SUBMURGNC N/A										X305

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB00B3/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X306	
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X306	
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X306	
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X306	
OPE TME MN										X306	
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X306	
AGING										X306	
SUBMERGENC N/A										X306	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0085/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	GUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X307
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X307
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	JDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X307
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X307
OPE TME MN									X307
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X307
AGING									X307
SUBMERGENC N/A									X307

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0086/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE+ PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X308
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X308
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X308
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X308
OPE TME MN								X308
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X308
AGING								X308
SUBMERGENC N/A								X308

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM PR
 COMP/EQUIP 2AB0104/AUX BUILDING JUNCTION BDX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X309
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X309
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X309
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X309
DOSE TME MN										X309
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X309
AGING										X309
SUBMURGNC N/A										X309

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER:
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC, PR,
 COMP/EQUIP 2AB0105/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB001		X310	
PRESS F	TA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB002		X310	
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB003		X310	
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB004		X310	
OPE TME MN										X310	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XDAB005		X310	
AGING										X310	
SUBMURGNC	N/A									X310	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XDAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0107/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X311
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X311
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X311
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X311
OPE TME MN								X311
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X311
AGING								X311
SUBMERGENC N/A								X311

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XGAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IA, CI, PR
 COMP/EQUIP 2AB0112/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X313
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X313
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X313
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X313
OPE TME MN									X313
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X313
AGING									X313
SUBMERGENC	N/A								X313

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW
 COMP/EQUIP 2AB0115/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X314
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X314
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X314
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X314
OPE TME MN								X314
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X314
AGING								X314
SUBMERGENC N/A								X314

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS, REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:41



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW
 COMP/EQUIP 2AB0116/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES SPEC QUAL	OUTST**	***	NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X315
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X315
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X315
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X315
OPE TME MN							X315
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X315
AGING							X315
SUBMERGENC	N/A						X315

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:41



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW
 COMP/EQUIP 2AB0117/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X316
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X316
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X316
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X316
OPE TME MN									X316
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X316
AGING									X316
EMERGENC	N/A								X316

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW, CI
 COMP/EQUIP 2AB011B/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X317
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X317
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X317
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X317
OPE TME MN					X317
CHEM SPRAY N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X317
AGING					X317
SUBMURGNC N/A					X317

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW
 COMP/EQUIP 2AB0119/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY	ENVIRONMENT	DOCUMENTATION REFERENCE*	QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN SPECIFICATION	PLT DES SPEC QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001	X318
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002	X318
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003	X318
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004	X318
OPE TME MN					X318
CHEM SPRAY N/A	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005	X318
AGING					X318
SUBMURGNC N/A					X318

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW
 COMP/EQUIP 2ABO120/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X319
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X319
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X319
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X319
OPE TME MN									X319
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X319
AGING									X319
SUBMERGENC	N/A								X319

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI, IW
 COMP/EQUIP 2AB0121/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X320
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X320
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X320
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X320
OPE TME MN									X320
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X320
AGING									X320
SUBMURGNC N/A									X320

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM IW
 COMP/EQUIP 2AB0122/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO01		X321
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO02		X321
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO03		X321
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO04		X321
OPE TME MN								X321
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO05		X321
AGING								X321
SUBMERCENC	N/A							X321

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDABO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDABO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOABO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM Iw
 COMP/EQUIP 2AB0123/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*		QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X322
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X322
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X322
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X322
OPE TME MN										X322
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X322
AGING										X322
SUBMURGNC	N/A									X322

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0145/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X323
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X323
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X323
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAE004		X323
OPE TME MN										X323
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X323
AGING										X323
SUBMERGENC N/A										X323

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0146/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X324
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X324
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X324
RADIATION ZONE A12 2.0EO7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X324
OPE TME MN										X324
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X324
AGING										X324
SUBMERGENC N/A										X324

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XOAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM PR. IA
 COMP/EQUIP 2AB0147/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X325
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X325
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X325
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X325
OPE TME MN								X325
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X325
AGING								X325
SUBMURGNC N/A								X325

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0148/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X326
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X326
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X326
RADIATION ZONE A12 2.0EO7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X326
OPE TME MN										X326
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X326
AGING										X326
SUBMERGENC N/A										X326

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC, CI
 COMP/EQUIP 2AB0154/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X327
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X327
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X327
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X327
OPE TME MN										X327
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X327
AGING										X327
SUBMERGENC N/A										X327

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0155/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X328	
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X328	
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X328	
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X328	
OPE TME MN										X328	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X328	
AGING										X328	
SUBMURGNC	N/A									X328	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0156/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X329
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X329
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X329
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X329
OPE TME MN										X329
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X329
AGING										X329
SUBMERGENC N/A										X329

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0166/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X330
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X330
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X330
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X330
OPE TME MN										X330
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X330
AGING										X330
SUBMURGNC N/A										X330

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0167/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*	PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X331
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X331
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X331
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X331
OPE TME MN									X331
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X331
AGING									X331
SUBMERCENC	N/A								X331

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0171/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO01		X332
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO02		X332
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO03		X332
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO04		X332
OPE TME MN								X332
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDABO01 XDABO02	SEE OUTST ITEMS	XOABO05		X332
AGING								X332
SUBMERGENC N/A								X332

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDABO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDABO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOABO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2AB01B2/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X333
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X333
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X333
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X333
OPE TME MN										X333
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X333
AGING										X333
SUBMERGENC N/A										X333

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2AB0183/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X334
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X334
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X334
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X334
OPE TME MN										X334
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X334
AGING										X334
SUBMERGENC N/A										X334

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM RC
 COMP/EQUIP 2AB0184/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDABOO1	XDABOO2	SEE OUTST ITEMS	XOABOO1	X335
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDABOO1	XDABOO2	SEE OUTST ITEMS	XOABOO2	X335
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDABOO1	XDABOO2	SEE OUTST ITEMS	XOABOO3	X335
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDABOO1	XDABOO2	SEE OUTST ITEMS	XOABOO4	X335
OPE TME MN									X335
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDABOO1	XDABOO2	SEE OUTST ITEMS	XOABOO5	X335
AGING									X335
SUBMURGENC N/A									X335

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDABOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDABOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOABOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOABOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0259/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X336
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X336
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X336
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X336
OPE TME MN								X336
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X336
AGING								X336
SUBMERGENC N/A								X336

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0260/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X337
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X337
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X337
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X337
OPE TME MN								X337
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X337
AGING								X337
SUBMURGNC N/A								X337

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0264/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X338
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X338
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X338
RADIATION ZONE A12 2.0EO7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X338
OPE TME MN										X338
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X338
AGING										X338
SUBMURGNC N/A										X338

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:41



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0265/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X339
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X339
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X339
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X339
OPE TME MN								X339
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X339
AGING								X339
SUBMERGENC N/A								X339

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM PR
 COMP/EQUIP 2AB0277/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X340
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X340
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X340
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X340
OPE TME MN								X340
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X340
AGING								X340
SUBMERCENC N/A								X340

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM PP
 COMP/EQUIP 2AB0394/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X341
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X341
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X341
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X341
OPE TME MN										X341
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X341
AGING										X341
SUBMURGNC N/A										X341

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6155-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0463/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE+ PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X342
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X342
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X342
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X342
OPE TME MN								X342
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X342
AGING								X342
SUBMERGENC N/A								X342

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0469/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X343
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X343
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X343
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X343
OPE TME MN								XOAB005		X343
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS			X343
AGING										X343
SUBMERGENC	N/A									

DOCUMENTATION

 UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

 XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

08/25/80 11:41



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0492/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X344
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X344
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X344
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X344
OPE TME MN								X344
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X344
AGING								X344
SUBMURGENC N/A								X344

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XOAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165 -00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2ABO493/AUX BUILDING JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB001		X345
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB002		X345
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB003		X345
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB004		X345
OPE TME MN								X345
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDAB001 XDAB002	SEE OUTST ITEMS	XOAB005		X345
AGING								X345
SUBMERGENC	N/A							X345

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0494/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X346
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X346
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X346
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X346
OPE TME MN									X346
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X346
AGING									X346
SUBMURGNC	N/A								X346

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0503/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X347
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X347
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X347
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X347
OPE TME MN									X347
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X347
AGING									X347
SUBMERGENC	N/A								X347

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0508/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X348	
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X348	
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X348	
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X348	
OPE TME MN										X348	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X348	
AGING										X348	
SUBMERGENC	N/A									X348	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0509/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X349
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X349
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X349
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X349
OPE TME MN										X349
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X349
AGING										X349
SUBMERCENC	N/A									X349

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM FW
 COMP/EQUIP 2AB0510/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X350	
PRESS PSIA	ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X350	
REL HUMID%	ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X350	
RADIATION	ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDY: 999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X350	
OPE TME MN										X350	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X350	
AGING										X350	
SUBMERGENC	N/A									X350	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2K-2011/INSTRUMENTATION JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL			***	NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO1		X351
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO2		X351
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO3		X351
RADIATION ZONE A12 2.0E-07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO4		X351
OPE TME MN										X351
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO5		X351
AGING										X351
SUBMERCENC N/A										X351

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDKBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDKBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOKBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM VC

COMP/EQUIP 2K-2016/INSTRUMENTATION JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-214

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE A10 330	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO1		X352
PRESS PSIA	ZONE A10 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO2		X352
REL HUMID%	ZONE A10 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO3		X352
RADIATION	ZONE A10 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO4		X352
OPE TME MN										X352
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO5		X352
AGING										X352
SUBMURGNC	N/A									X352

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES. REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDKBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDKBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOKBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM 4C
 COMP/EQUIP 2K-2017/INSTRUMENTATION JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE A 9 330		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKBOO1 XDKBOO2	SEE OUTST ITEMS	XOKBOO1		X353
PRESS PSIA ZONE A 9 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKBOO1 XDKBOO2	SEE OUTST ITEMS	XOKBOO2		X353
REL HUMID% ZONE A 9 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKBOO1 XDKBOO2	SEE OUTST ITEMS	XOKBOO3		X353
RADIATION ZONE A 9 1.0E04		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKBOO1 XDKBOO2	SEE OUTST ITEMS	XOKBOO4		X353
OPE TME MN								X353
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDKBOO1 XDKBOO2	SEE OUTST ITEMS	XOKBOO5		X353
AGING								X353
SUBMURGNC N/A								X353

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDKBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDKBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOKBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2K-2021/INSTRUMENTATION JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-214

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO1		X354
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO2		X354
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO3		X354
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO4		X354
OPE TME MN										X354
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDKBOO1	XDKBOO2	SEE OUTST ITEMS	XOKBOO5		X354
AGING										X354
SUBMURGEC N/A										X354

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDKBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDKBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOKBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOKBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI

COMP/EQUIP 2RBO052/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX

MANUFACTURER

MODEL TYPE EB-215

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE T 3 550		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X377
PRESS PSIA ZONE T 3 63.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X377
REL HUMID% ZONE T 3 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X377
RADIATION ZONE T 3 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X377
OPE TME MN										X377
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X377
AGING										X377
SUBMURGENC N/A										X377

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO053/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE T 3 550		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO01		X378
PRESS PSIA ZONE T 3 63.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO02		X378
REL HUMID% ZONE T 3 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO03		X378
RADIATION ZONE T 3 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO04		X378
OPE TME MN										X378
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBO01	XDRBO02	SEE OUTST ITEMS	XORBO05		X378
AGING										X378
SUBMERGENC N/A										X378

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBO01 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBO02 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBO01 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO02 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO03 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO04 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2R80067/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTS: **	***	NO	
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001		X379	
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X379	
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X379	
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X379	
OPE TME MN										X379	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X379	
AGING										X379	
SUBMERGENC	N/A									X379	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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08/25/80 11:41



QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO074/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X380	
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X380	
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X380	
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X380	
OPE TME MN										X380	
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X380	
AGING										X380	
SUBMURGNC	N/A									X380	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2R30138/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE T 4 375		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB001	X381
PRESS PSIA ZONE T 4 43.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002	X381
REL HUMID% ZONE T 4 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRE002	SEE OUTST ITEMS	XORB003	X381
RADIATION ZONE T 4 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004	X381
OPE TME MN									X381
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005	X381
AGING									X381
SUBMURGNC N/A									X381

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP CRBO139/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE T 3 550		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X382
PRESS PSIA ZONE T 3 63.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X382
REL HUMID% ZONE T 3 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X382
RADIATION ZONE T 3 .0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X382
OPE TME MN										X382
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X382
AGING										X382
SUBMERCEN N/A										X382

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO140/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE T 3 550		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X383
PRESS PSIA ZONE T 3 63.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X383
REL HUMID% ZONE T 3 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X383
RADIATION ZONE T 3 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X383
OPE TME MN										X383
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X383
AGING										X383
SUBMURGNC N/A										X383

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XDRBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO141/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 3 550	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X384
PRESS PSIA	ZONE T 3 63.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X384
REL HUMID%	ZONE T 3 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X384
RADIATION	ZONE T 3 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X384
OPE TME MN									X384
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X384
AGING									X384
SUBMURGNC	N/A								X384

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO148/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTUER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X385
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X385
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X385
RADIATION ZONE C 1 2.0EO8		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X385
OPE TME MN										X385
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X385
AGING										X385
SUBMERCENC										X385

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO149/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE C 1 271		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X386
PRESS PSIA ZONE C 1 62		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X386
REL HUMID% ZONE C 1 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X386
RADIATION ZONE C 1 2.0E08		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X386
OPE TME MN								X386
CHEM SPRAY		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X386
AGING								X386
SUBMERCENC								X386

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO152/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
				PLT DES	SPEC	QUAL				
TEMP DEG F ZONE T 4 375		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1		X387
PRESS PSIA ZONE T 4 43.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2		X387
REL HUMID% ZONE T 4 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3		X387
RADIATION ZONE T 4 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4		X387
OPE TME MN										X387
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5		X387
AGING										X387
SUBMERGENC N/A										X387

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO153/REACTOR BUILDING (LOWER SAFETY VALVE ROOM) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 4 375	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X388
PRESS PSIA	ZONE T 4 43.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X388
REL HUMID%	ZONE T 4 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X388
RADIATION	ZONE T 4 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X388
OPE TME MN									X388
CHFM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X388
AGING									X388
SUBMURGNC	N/A								X388

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO351/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT	DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 4 375	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X389
PRESS PSIA	ZONE T 4 43.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X389
REL HUMID%	ZONE T 4 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X389
RADIATION	ZONE T 4 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X389
OPE TME MN									X389
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X389
AGING									X389
SUBMERGENC	N/A								X389

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM MS
 COMP/EQUIP 2RBO352/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE* PLT DES SPEC QUAL	QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
TEMP DEG F ZONE T 4 375		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO1		X390
PRESS PSIA ZONE T 4 43.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO2		X390
REL HUMID% ZONE T 4 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO3		X390
RADIATION ZONE T 4 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO4		X390
OPE TME MN								X390
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999 XDRBOO1 XDRBOO2	SEE OUTST ITEMS	XORBOO5		X390
AGING								X390
SUBMERGENC N/A								X390

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO391/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY			ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	***	NO	
TEMP DEG F ZONE T 4 375		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDR0002	SEE OUTST ITEMS	XORB001		X391	
PRESS PSIA ZONE T 4 43.7		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB002		X391	
REL HUMID% ZONE T 4 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB003		X391	
RADIATION ZONE T 4 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB004		X391	
OPE TME MN										X391	
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRB001	XDRB002	SEE OUTST ITEMS	XORB005		X391	
AGING										X391	
SUBMERGENC N/A										X391	

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDR0002
 XDRB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
REVISION 2
DATE 22 AUG 80

OUTSTANDING ITEMS/REMARKS (CONTINUED)

XORBO05 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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PROJECT NUMBER 6165-00
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 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2RBO392/REACTOR BUILDING (PIPE TUNNEL) JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EB-215

ACCURACY		ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE T 4 375	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO1	X392
PRESS PSIA	ZONE T 4 43.7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO2	X392
REL HUMID%	ZONE T 4 100	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO3	X392
RADIATION	ZONE T 4 2.0EO7	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO4	X392
OPE TME MN									X392
CHEM SPRAY	N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDRBOO1	XDRBOO2	SEE OUTST ITEMS	XORBOO5	X392
AGING									X392
SUBMURGNC	N/A								X392

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDRBOO1 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDRBOO2 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XORBOO1 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO2 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO3 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO4 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XORBOO5 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CI
 COMP/EQUIP 2AB0263/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

ACCURACY				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE A12 282		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001	X400
PRESS PSIA ZONE A12 UNKNOWN		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002	X400
REL HUMID% ZONE A12 100		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003	X400
RADIATION ZONE A12 2.0E07		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004	X400
OPE TME MN									X400
CHEM SPRAY N/A		SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005	X400
AGING									X400
SUBMURGNC N/A									X400

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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QUALIFICATION DATA SHEET

PROJECT NUMBER 6165-00
 REVISION 2
 DATE 22 AUG 80

SYSTEM CC
 COMP/EQUIP 2AB0108/AUX BUILDING JUNCTION BOX
 MANUFACTURER
 MODEL TYPE EM-47150

PARAMETER	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE A12 282	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB001		X578
PRESS PSIA ZONE A12 UNKNOWN	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB002		X578
REL HUMID% ZONE A12 100	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB003		X578
RADIATION ZONE A12 2.0E07	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB004		X578
OPE TME MN										X578
CHEM SPRAY N/A	SEE OUTST ITEMS	SEE OUTST ITEMS	SEE OUTST ITEMS	UDXX999	XDAB001	XDAB002	SEE OUTST ITEMS	XOAB005		X578
AGING										X578
SUBMURGNC N/A										X578

DOCUMENTATION

UDXX999 FOR PLANT DESIGN DOCUMENTATION REFERENCES, REFER TO TABLE OF PLANT ENVIRONMENTAL CONDITIONS
 XDAB001 INVESTIGATE SPECIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER
 XDAB002 INVESTIGATE QUALIFICATION DATA DOCUMENTATION REFERENCES WITH MANUFACTURER

OUTSTANDING ITEMS/REMARKS

XOAB001 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB002 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB003 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB004 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER
 XOAB005 SPECIFICATION: INVESTIGATE SPECIFICATION DATA WITH MANUFACTURER
 ENVIRONMENTAL QUALIFICATION: INVESTIGATE QUALIFICATION DATA WITH MANUFACTURER
 QUALIFICATION METHOD: INVESTIGATE QUALIFICATION METHOD WITH MANUFACTURER

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