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**April 1980**



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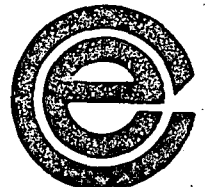
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**RESPONSE TO IE BULLETIN 79-01B**  
**DRESDEN**  
**NUCLEAR POWER STATION**  
**UNIT 3**

**Volume 1**

**Commonwealth Edison**



RESPONSE TO IE BULLETIN 79-01B

FOR

DRESDEN NUCLEAR POWER STATION UNIT 3

COMMONWEALTH EDISON COMPANY

DOCKET NUMBER 50-249

PREPARED BY: BECHTEL POWER CORPORATION

Report Date: April 21, 1980

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## 1.0 STUDY OBJECTIVES

This study has been prepared in response to NRC IE Bulletin 79-01B, dated January 14, 1980. It has been prepared by Bechtel Power Corporation, Ann Arbor, Michigan, for Commonwealth Edison Company's Dresden Nuclear Power Station Unit 3.

The scope of the study includes:

- a. Preparing a master list of all ESF systems
- b. Identifying all components required to function under postulated accident conditions
- c. Defining environmental service conditions for the components identified above
- d. Establishing maximum flood elevation inside containment
- e. Evaluating qualification data for components and document bases of equipment qualification
- f. Identifying for Commonwealth Edison Company, those Class IE electrical equipment items for which a Licensee Event Report (LER) should be prepared
- g. Preparing a report documenting the results of the study in accordance with Item 7 of NRC IE Bulletin 79-01B

## 2.0 STUDY RESULTS

The systems required to function following the postulated accidents have been identified and the essential Class IE components listed. Environmental service conditions have been established. Evaluation of environmental qualification test reports is currently in progress. Table 2-1 provides the completion status of each of the bulletin action items.

## 3.0 STUDY CONCLUSIONS AND RECOMMENDATIONS

Investigations in response to NRC IE Bulletin 79-01B Action Items 2 and 4 are presently partially complete. There are no conclusions at this time.

It is recommended that investigations continue to complete the response to NRC IE Bulletin 79-01B Action Items 2 and 4.



#### 4.0 DETAILED EVALUATION

##### 4.1 DEFINITION OF POSTULATED ACCIDENTS

NRC IE Bulletin 79-01B defines the postulated accident conditions to be addressed as the loss-of-coolant-accident/high energy line break (LOCA/HELB) inside containment, and the HELB outside containment.

For the Dresden Nuclear Power Station Unit 3, the LOCA/HELB inside containment is discussed in FSAR Sections 5.2.3 and 6.2.7. The HELB outside containment is discussed in Special Report No. 37, Revision 1, submitted to the NRC in February 1975.

For the LOCA/HELB inside containment, worst case environmental conditions are established by the LOCA, resulting from a double-ended recirculation line break. The environmental conditions which result from this accident are provided in Section 4.3 and Appendix C.

For a HELB outside containment, Special Report No. 37 identifies the high energy lines and the location of postulated breaks. In support of the response to IE Bulletin 79-01B, studies were performed to establish equipment integrated radiation doses as a result of the postulated accidents. These environmental conditions are discussed in Section 4.3.

The following postulated accidents established the environmental conditions:

- a. LOCA inside drywell
- b. Main steam line break in the steam tunnel
- c. Main feedwater line break
- d. High-pressure coolant injection (HPCI) steam line break
- e. Isolation condenser steam line break
- f. Reactor water cleanup (RWCU) line break

Where components, because of their location, could be subjected to differing environments for the various accidents, the most severe environmental conditions were utilized for qualification. Components located within compartments with postulated HELBs would be subjected to pressure, temperature, and humidity conditions resulting from that HELB, but would

not be subjected to radiation doses in excess of  $10^4$  rads simultaneously. These same components could be subjected to radiation doses in excess of  $10^4$  rads following a LOCA, but these doses would not be simultaneous with pressure, temperature, and humidity. To simplify this analysis, qualification data will be sought which demonstrates operability of these components for the combination of all environmental conditions. Where qualification cannot be demonstrated for the entire spectrum of conditions simultaneously, components will be evaluated for the conditions associated with each individual accident.

#### 4.2 IDENTIFICATION OF CLASS IE COMPONENTS REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS (BULLETIN ACTION ITEM 1)

The Dresden Nuclear Power Station FSAR and emergency procedures were reviewed to identify the engineered safety features systems which are required to mitigate the consequences of the postulated accidents discussed in Section 1.0. These systems are those needed to achieve reactor shutdown, containment isolation, reactor core cooling, containment and reactor heat removal, and to prevent the release of radioactive material to the environment in excess of the guidelines of 10 CFR 100.

In addition, the emergency procedures were reviewed to identify systems that are non-class IE, and not considered in the station safety evaluation for accident mitigation, but which would be utilized if available. These systems are identified as alternative use systems. No data is provided for components in alternative use systems.

Appendix A provides the master list of Unit 3 and common systems required to function following all of the postulated accidents discussed in Section 4.1.

The station piping and instrument diagrams and electrical schematics were reviewed to determine the specific components which must function following the postulated accidents. Based on this review, a master components list has been developed for each system identified in Appendix A. The master components list identifies each Class IE electrical component that is required to function following the postulated accidents discussed in Section 4.1. Appendix B provides the master components lists for Unit 3 and common systems.

#### 4.3 DEFINITION OF ENVIRONMENTAL SERVICE CONDITIONS (BULLETIN ACTION ITEMS 3 AND 5)

##### 4.3.1 Inside the Drywell

The drywell pressure and temperature response following the postulated LOCA are provided in FSAR Figures 5.2.11 and 5.2.12, respectively. These figures are included in Appendix C. The maximum humidity inside the drywell is defined in FSAR Table 5.2.2 as 100%. Chemical sprays are not used in the Dresden design. Demineralized water containment spray is utilized and considered in the evaluation. The Dresden FSAR does not provide integrated radiation doses inside the drywell. Studies were performed to establish the integrated doses inside the drywell for a postulated LOCA. The integrated doses for 1 hour, 1 day, 30 days, and 1 year are provided in Appendix C. The study methodology is described in Section 4.3.5. Radiation doses are evaluated for actual equipment operating times. Appendix C also defines the containment spray fluid and provides the maximum drywell pressure, temperature, humidity, flood elevation.

##### 4.3.2 Outside the Drywell, Subject to HELB

HELB is discussed in detail in Special Report No. 37, Revision 1, submitted to the NRC in February 1975. The environmental conditions (pressure, temperature, and humidity), due to pipe break in the steam tunnel, torus compartment, RWCU heat exchanger room and turbine building are listed in Appendix C. Radiation doses following a HELB are less severe than the doses associated with a LOCA and are therefore not provided. Flooding does not occur outside the drywell as a result of the postulated HELBs. Chemical and demineralized water spray do not exist outside the drywell.

##### 4.3.3 Outside the Drywell, Post-LOCA Radiation Exposures

Integrated doses have been calculated for areas outside the drywell. Doses were established for 1 day, 30 days, and 1 year exposure. Integrated doses of less than  $10^4$  rads during a component's service life are evaluated as nonharsh environmental conditions. Integrated doses of  $10^4$  rads and greater are evaluated as harsh environmental conditions. Appendix C provides integrated doses as a function of exposure time for areas containing components identified in Appendix B. The radiation study methodology is described in Section 4.3.5.

##### 4.3.4 Nonharsh Areas

Plant areas which are not covered in the above referenced Appendix C tables are considered nonharsh environmental areas with respect to HELB and post-LOCA radiation. These

areas are either maintained in a suitable environmental condition by safety-related heating, ventilating and air conditioning (HVAC) equipment, or are considered nonharsh because they are controlled to less than 104F prior to the postulated accidents and are relatively large open areas with no large motors or other equivalent heat sources.

Where environmental conditions are maintained by HVAC equipment, the HVAC system is provided with redundant components and/or a backup power supply for reliable operation. Safety related HVAC systems are provided for the following areas:

- a. Control room, cable spreading room, battery rooms, computer room, and electrical equipment room
- b. Standby diesel generator room
- c. HPCI room
- d. Low-pressure coolant injection corner rooms

#### 4.3.5 Radiation Study Methodology

A radiation study was performed to establish integrated doses to equipment following a postulated LOCA. The core fission product inventory was based on General Electric document "Radiation Source Information for NUREG 0578 Implementation, Computer Run Identified as SNUMB 7007S" dated November 1979.

The fission products were diluted into the appropriate fluid media as follows:

<u>Fluid</u>	<u>Noble Gases(%)</u>	<u>Halogens(%)</u>	<u>Other(%)</u>
Suppression pool liquid	50	-	1
Reactor coolant liquid	100	50	1
Containment atmosphere	100	25	-
Reactor steam	100	25	-

Dilution of the fission products was considered using the fluid volume as the dilution media.

For components located inside the drywell, gamma doses were only considered if the component was enclosed in a nonorganic material (e.g., valve motor actuators in metal enclosures). The gamma dose was established based on immersion of the component in the gaseous drywell atmosphere for the time which the component must remain functional. For components

enclosed in organic material (e.g., cable), beta radiation doses will be calculated and the total exposure (gamma and beta) used to define the environmental service condition. The integrated dose will be based on the time which the component must remain functional.

For components located outside the drywell, source terms were established for piping systems containing reactor steam, reactor coolant liquid, suppression pool liquid, and containment atmosphere. Since the piping wall thickness is sufficient to shield against beta radiation only gamma radiation need be considered. Each Class IE component was located with respect to the piping systems containing post-LOCA radioactive fluids. The integrated dose was established based on the piping source term, distance from pipe to component, and component operating time. Where a component could receive dose from more than one piping system, the doses were added to derive a total dose. Appendix C, Table C-3, provides integrated doses as a function of time calculated one foot from the greatest single source in each plant major area.

#### 4.3.6 Aging

In this study, the need to consider aging is based on the evaluation of component design and application. The effects of aging have also been considered based on Enclosure 4 to NRC Bulletin 79-01B, "Guidelines for Evaluating Environmental Qualification of Class IE Electrical Equipment in Operating Reactors" and NUREG-0588, "Interim Staff Position on Environmental Qualification of Safety-Related Electrical Equipment."

##### a. Components Located Inside the Drywell

The environmental conditions inside the drywell are defined as harsh (Sections 4.3.1 and 4.3.4) and hence the effects of thermal and radiation aging are evaluated for all Class IE electrical components.

##### b. Components Located Outside the Drywell

###### 1. Radiation aging

The components which are located outside the drywell and steam tunnel are exposed to insignificant amounts of radiation during normal operating conditions. The effects of radiation aging are therefore not considered in the qualification evaluation of these components.

Under postulated accident conditions some components may be exposed to greater than  $10^4$  rads (integrated radiation dose). The effects of this short-term radiation exposure are considered in the qualification evaluation.

## 2. Thermal aging

Most areas outside the drywell are maintained in a suitable environmental condition by safety-related HVAC equipment. The normal maximum environmental design temperature is 103F, which in this study is defined as a nonharsh environment (Section 4.3.4).

Thermal aging for these components is not required since the normal and post-accident environments are nonharsh. In addition, infrequent temperature extremes up to 120F may occur in some plant areas. However, these conditions would result only during periods of extreme outdoor temperatures. Equipment designed and installed per industry standards would be capable of satisfactory operation without exhibiting age related degradation due to these infrequent temperature extremes up to 120F. Therefore, the effects of thermal aging are not considered for components located in areas where the maximum ambient temperature can be maintained at 120F or below.

The effects of aging will be considered for components in harsh environments and components with a defined operating life less than 30 years.

## 4.4 EVALUATION OF ENVIRONMENTAL QUALIFICATION DATA (BULLETIN ACTION ITEMS 2 AND 4)

Appendix B identifies all specific components necessary following the postulated accidents. In addition, this bulletin covers general use electrical items such as motor lubricating oil, sealants, tape, terminal blocks, gaskets, etc. These general use items are discussed in Section 4.5.

For each specific component identified in Appendix B, a component evaluation worksheet was prepared. These worksheets identified the most harsh environment each component would be subjected to following the postulated accidents. Environments were considered nonharsh when the temperature was controlled to 104F or less and the maximum integrated radiation dose was less than  $10^4$  rads.

Since industry standards did not exist for environmental qualification of Class IE electrical equipment during the time frame the Dresden station was designed and constructed, qualification testing was not required for these components when originally purchased. However, many of these same components were used in later designs and qualification testing data is available. Also some testing has been performed by the Nuclear Steam System Supplier in response to IE Bulletin 79-01. These qualification reports are being evaluated to determine their applicability to the components identified in Appendix B. Where applicable qualification data exists, this data is entered on the component evaluation worksheets to document the suitability of the component.

It is anticipated that some components may be qualified by analysis or a combination of analysis and testing. In those cases the component evaluation worksheets will reference the subject analysis and document the suitability of the component.

Finally for those components which are exposed to harsh environments and for which data is not available and qualification by analysis is not appropriate, the qualification status will be resolved by testing, replacement, or relocation of the component to a nonharsh environment.

The component evaluation worksheets are provided in Appendix D (Volumes 2 and 3) for Unit 3 and common components.

Section 4.5 provides the qualification plan which will be followed to complete the response to IE Bulletin 79-01B.

#### 4.5 CLASS IE EQUIPMENT QUALIFICATION PLAN

##### 4.5.1 Specific Components

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 in a nonharsh environment.
- d. The component will be replaced.

#### 4.5.2 General Use Components

A walkdown inspection of accessible electrical boxes and cable connections was performed in the Dresden Unit 3 drywell. The inspection was performed following the spring 1980 refueling outage prior to returning the station to power. Mr. J. Hughes, NRC Region III inspector, was onsite and accompanied the inspection team for a portion of the drywell inspection.

The purpose of the inspection was to identify miscellaneous general use electrical items (i.e., gaskets, seals, grommets, terminal blocks, splices, and termination tapes) used inside the drywell. In addition, the condition of cable at the electrical boxes and component terminations was inspected. Boxes which did not have preassigned numbers were numbered by the inspection team. These field-assigned numbers were prefixed with 79-01B. The condition of cables entering boxes was satisfactory with no damage noted. The boxes were generally in satisfactory condition, with minor repairs required of three boxes. This information was discussed with station electrical personnel who agreed to make the repairs prior to returning the unit to power. Splices and termination tapes were not found in the electrical boxes inspected. The results of the electrical box inspection are provided in Table 4-1.

Where qualification data is not available for existing installed materials, procedures will be written to replace these items with qualified materials. The station inventory of lubricating oils and greases will include qualified materials and steps implemented so that only these materials are utilized on Class IE components.

#### 4.6 SUBMITTAL OF LICENSEE EVENT REPORTS (BULLETIN ACTION ITEM 6)

In the event any Class IE electrical equipment item is determined to be not capable of meeting its required function under the established service conditions, Bechtel will advise Commonwealth Edison Company so that a LER can be submitted. LERs, when submitted, will identify the component conditions which it must function under and basis of determination that



it is incapable of functioning. Where justification for continued station operation exists, this will be included in the LER. LERs will be submitted within the time frame specified by NRC IE Bulletin 79-01B.

LERs will not be submitted for items previously documented as not being capable of meeting their required function in the response submitted for NRC IE Bulletin 79-01 (Reference 5e).

#### 5.0 REFERENCES

- a. USNRC IE Bulletin 79-01B, dated January 14, 1980
- b. Dresden Nuclear Power Station Final Safety Analysis Report, Docket Number 50-237 and 50-249
- c. Analysis of Effects of Pipe Break Outside Primary Containment, Dresden Station, Units 2 and 3, Special Report No. 37, Revision 1, February 1975
- d. Dresden Station Emergency Procedures, DGA-1, Loss-of-Coolant (Break Inside Drywell), Revision 4, January 1980; DGA-2, Loss-of-Coolant (Slow Leak), Revision 2, January 1980; DGA-3, Loss-of-Coolant (Break Outside Drywell), Revision 4, January 1980
- e. Report on Results on Qualification Data Search for Dresden Units 2 and 3, NEDO-24218, General Electric Company, November 1979
- f. NUREG-0588, Interim Staff Position on Environmental Qualification of Safety-Related Electrical Equipment

TABLE 2-1

NRC IE BULLETIN ACTION ITEM  
COMPLETION STATUS

<u>Action Item</u>	<u>Status</u>	<u>Forecast Completion</u>
1	Completed - Report Appendixes A and B	--
2	Partially complete - investigations to resolve qualification status of components for which test reports are presently unavail- able in progress. - Report Appendix D	June 2, 1980
3	Completed - Report Appendix C	--
4	This item included with Action Item 2	June 2, 1980
5	Completed - Report Appendix C	--
6	Licensee Event Reports will be prepared as required	--

TABLE 4-1

TABULATION OF FIELD INSPECTION  
DATA FOR ELECTRICAL BOXES INSIDE DRYWELL

<u>Component</u>	<u>Box Number</u>	<u>Type</u>	<u>Location</u>		<u>Terminal Blocks Type</u>	<u>Remarks</u>
			<u>Elev</u>	<u>Azim</u>		
MO-3-1301-4	79-01B-11	Pull	538	190	NA	MO-3-1001-1B connected to same box
MO-3-1301-4	79-01B-25	Conduit Pull	536	85	NA	
AO-3-203-1A	79-01B-16	Term	521	15	GE264B965	
AO-3-203-1A	79-01B-17	Term	524	15	AB (to be confirmed)	Replace terminal blocks in next outage
AO-3-203-1B	79-01B-14	Term	521	5	GE264B965	Cleaning done by electrician during inspection; gasket broken
AO-3-203-1B	79-01B-15	Term	524	5	AB (to be confirmed)	Gasket broken
AO-3-203-1C	79-01B-20	Term	521	355	GE264B965	Cleaning done by electrician during inspection; gasket broken
AO-3-203-1C	79-01B-21	Term	521	355	AB (to be confirmed)	Gasket broken
AO-3-203-1D	79-01B-18	Term	524	345	GE264B965	Gasket broken
AO-3-203-1D	79-01B-19	Term	524	345	AB (to be confirmed)	

TABLE 4-1 (Continued)

<u>Component</u>	<u>Box Number</u>	<u>Type</u>	<u>Location</u>		<u>Terminal Blocks Type</u>	<u>Remarks</u>
			<u>Elev</u>	<u>Azim</u>		
POS SW for AO-3-1501-26A	79-01B-24	Pull	520	90	NA	
POS SW for AO-3-1501-26B	79-01B-12	Term	524	210	GE264965	Recommended to foreman electrical maintenance to replace the terminal blocks; gasket broken.
POS SW for AO-3-1501-26B	79-01B-13	Pull	537	210	NA	Opened with NRC
AO-3-220-51 AO-3-220-52	79-01B-5	Term	575	90	GE264B265	
SRM/IRM	None	Pull	520	200	NA	All cables run into a steel duct.
Electrical penetrations low voltage- signal and power	None	NA	Var- ies	Var- ies	NA	

TABLE 4-1 (Continued)

Component	Box Number	Type	Location		Terminal Blocks Type	Remarks
			Elev	Azim		
MO-3-220-1	None	NA	NA	NA	NA	Component located at el 517 and AZ355. No box could be located. Conduits good condition.
SO-3-220-44	79-01B-3	Pull	539	85	NA	Inside of box could not be inspected
SP-3-220-44	79-01B-4	Pull	539	90	NA	Inside of box could not be inspected
MO-3-1201-1	79-01B-1	Term	540	120	NA	Inside of box could not be inspected.
MO-3-1001-1A	NA	NA	522	350	NA	Box could not be located. Equipment located.
MO-3-1001-1B	79-01B-11	Pull	538	210	NA	MO-3-1301-4 connected to same box
MO-2-2301-9	NA	NA	NA	NA	NA	Located outside drywell (M-51)
MO-2-3706	NA	NA	NA	NA	NA	Box could not be located
POS SW for AO-3-1501-25A	NA	NA	NA	NA	NA	Not accessible because of high radiation
POS SW for AO-3-1501-25B	79-01B-2 (CECo 3RB-32)	NA	517	265	NA	Not opened
POS SW for AO-3-1501-26A	79-01B-23	Term	522	90	GE264B965	Recommended to foreman electrical maintenance to replace the cover and gasket

APPENDIX A

DRESDEN UNIT 3 AND COMMON

SYSTEMS LIST

Facility: Dresden  
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DRESDEN 3

Systems Required Following a LOCA, MSLB, HELB

1. Reactor Protection/Neutron Monitoring System
  2. Core Spray System
  3. High-Pressure Coolant Injection System
  4. Auto Depressurization System/Main Steam System
  5. Low-Pressure Coolant Injection System
  6. Pressure Suppression System
  7. Standby Gas Treatment System
  8. Deleted (Included With 1)
  9. Service Water System
  10. Diesel Oil Piping System
  11. Containment Isolation System\*
  12. Control Rod Drive Hydraulic System
  13. Reactor (Nuclear Boiler) Recirculation System
  14. Process Radiation Monitoring System
  - 15A. Reactor Building Ventilation System
  - 15B. Control Room, Office, and Drywell Air Conditioning
  16. Standby Alternating Current Power
  17. Standby Direct Current Power
  18. Isolation Condenser System
  19. General Use Electrical Equipment
  20. Main Steam (Alternate Use Only)
  21. Main Feedwater/Condensate (Alternate Use Only)
- \* Containment isolation includes all components in various systems performing the containment isolation function.

APPENDIX B

DRESDEN UNIT 3 AND COMMON SPECIFIC  
AND GENERAL USE COMPONENTS LIST SORTED  
BY SYSTEM



Facility: Dresden  
Unit: 3  
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MASTER LIST

CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: Reactor Protection/Neutron Monitoring

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM		Location	
Plant Identification Number	Generic Name (**)	Inside Primary Contain- ment	Outside Primary Contain- ment
*LS-3-302-82A,B,C,D	Level Switch (M-365)		X
PS-3-503A,B,C,D	Pressure Switch Low (M-346)		X
*AO-3-203-1A,B,C,D	Glove Valve, Air Operated (M-345)		X
*PS-3-1621A,B,C,D	Pressure Switch - High (M-356)		X
*PS-3-263-55A,B,C,D	Pressure Switch (M-357)		X
*LIS-3-363-57A,B	Level Indication Switch (M-357)		X
*LIS-3-263-58A,B	Level Indication Switch (M-357)		X
*RE-3-1705-2A,B,C,D (3-1734-A,B,C,D)	Radiation Element (M-345)		X
RAM-3-0762A,B,C,D, E,F,G,H	IRM Preamplifier		X
***APRM-1, 2, 3A, 3B, 4A, 4B, 5, 6	Average Power Range Neutron Monitor		
RAM-3-0752A,B,C,D	SRM-Preamplifier		X
****TE-3-1291-60A,B, C,D,E,F,G,H	Temperature Element		X

\* These components are listed for information only. Their qualification evaluation is covered with their respective systems.

\*\* Shows P&ID number of respective system

\*\*\* The existence of the related instrument outside the control room shall be determined later.

\*\*\*\* Area temperature detectors for reactor cleanup

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MASTER LIST

CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: Core Spray

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
MO-3-1402-25A,B	Gate Valve, Motor Operated		X
MO-3-1402-24A,B	Gate Valve, Motor Operated		X
MO-3-1402-4A,B	Globe Valve, Motor Operated		X
FT-3-1461A,B	Flow Transmitter		X
PT-3-1460A,B	Pressure Transmitter		X
3-1401A,B	Core Spray Pump		X
MO-3-1402-3A,B	Gate Valve, Motor Operated		X
FS-3-1464A,B	Flow Switch		X
MO-3-1402-38A,B	Gate Valve, Motor Operated		X
PS-3-1466A,B,C,D	Pressure Switch		X

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CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: High-Pressure Coolant Injection

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
MO-3-2301-5	Gate Valve, Motor Operated		X
MO-3-2301-3	Gate Valve, Motor Operated		X
SV 12	Turbine Stop Valve		X
PT-3-2359	Pressure Transmitter		X
FT-3-2358	Flow Transmitter		X
MO-3-2301-9	Gate Valve, Motor Operated (dc)		X
MO-3-2301-8	Gate Valve, Motor Operated (dc)		X
None	Turbine Gland Seal Condenser Hotwell Drain Pump (dc)		X
PT-3-2382	Pressure Transmitter		X
MO-3-2301-35	Gate Valve, Motor Operated		X
MO-3-2301-6	Gate Valve, Motor Operated		X
TS-3-2370A,B,C,D	Temperature Switch		X
TS-3-2371A,B,C,D	Temperature Switch		X
TS-3-2372A,B,C,D	Temperature Switch		X
TS-3-2373A,B,C,D	Temperature Switch		X
TE-3-2374A,B,C,D	Temperature Element		X

SYSTEM: High-Pressure Coolant Injection

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SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
AO-3-2301-30	Air Operated Valve (Solenoid)		X
POS-3-2301-30	Air Operated Valve (Position Switch)		X
AO-3-2301-29	Air Operated Valve (Solenoid)		X
POS-3-2301-29	Air Operated Valve (Position Switch)		X
MO-3-2301-4	Steam Supply Isolation Valve	X	
None	Motor Speed Changer		X
None	Motor Gear Unit		X
None	Emergency Oil Pump		X
None	Auxiliary Oil Pump		X
None	Gland Steam Exhauster Fan		X
DPIS-3-2352	Differential Pressure Indicating Switch		X
DPIS-3-2353	Differential Pressure Indicating Switch		X
PS-3-2389A,B,C,D	Pressure Switch		X
MO-3-2301-14	Gate Valve, Motor Operated		X
MO-3-2301-15	Gate Valve, Motor Operated		X
MO-3-2301-48	Gate Valve, Motor Operated		X
MO-3-2301-49	Gate Valve, Motor Operated		X

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM		Location (elevation)	
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
AO-3-2301-64	Air Operated Valve (Solenoid)		X
POS-3-2301-64	Air Operated Valve (Position Switch)		X
AO-3-2301-65	Air Operated Valve (Solenoid)		X
POS-3-2301-65	Air Operated Valve (Position Switch)		X
MO-3-2301-36	Gate Valve, Motor Operated		X
MO-3-2301-10	Motor Operated Valve		X
3-2386	HPCI Motor Control Signal Convertor		X
PS-3-2360	Pressure Switch		X
LS-3-2351A,B	Level Switch		X
FS-3-2354	Flow Switch		X
PS-3-2368A,B	Pressure Switch		X
LS-LCS-1	Level Switch		X
LS-2/3-2350A,B,C,D	Level Switch		X

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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Auto Depressurization/Main Steam

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM			
Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
3-203-3A	Target Rock Valve and Associated Solenoid	X	
3-203-3B,C,D,E	Electromatic Relief Valve and Associated Solenoid Valve	X	
AO-3-203-1A,B,C,D	Main Steam Isolation Valve with Associated Solenoid Valves	X	
POS-3-203-1A,B,C,D	Main Steam Isolation Valve (Position Switch)	X	
MO-3-220-1	Globe Valve, Motor Operated	X	
TS-3-261-15A,B,C,D 16A,B,C,D 17A,B,C,D 18A,B,C,D	Temperature Switch		X
MO-3-220-2	Globe Valve, Motor Operated		X
AO-3-203-2A,B,C,D	Main Steam Isolation Valve with Associated Solenoid Valve		X
POS-3-203-2A,B,C,D	Main Steam Isolation Valve (Position Switch)		X
DPIS-3-261-2A,B,C, D,E,F,G,H,J,K,L,M, N,P,R,S	Differential Pressure Indication Switch		X
PS-3-0261-30A,B,D,C	Pressure Switch		X

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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Low-Pressure Coolant Injection

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
MO-3-1501-5A,B,C,D	Gate Valve, Motor Operated		X
PS-3-1554A,B,C,D,E, F,H,J	Pressure Switch		X
3-A,B,C,D-1502	LP Coolant Injection Pump		X
MO-3-1501-3A,B	Globe Valve, Motor Operated		X
POT-3-1501-3A,B	Position Transmitter		X
DPT-3-1543A,B	Differential Pressure Transmitter		X
MO-3-1501-11A,B	Gate Valve, Motor Operated		X
MO-3-1501-32A,B	Gate Valve, Motor Operated		X
MO-3-1501-13A,B	Gate Valve, Motor Operated		X
FT-3-1549A,B	Flow Transmitter		X
MO-3-1501-18A,B	Globe Valve, Motor Operated		X
MO-3-1501-19A,B	Gate Valve, Motor Operated		X
FT-3-1551A,B	Flow Transmitter		X
FS-3-1501-58A,B	Flow Switch		X

SYSTEM: Low-Pressure Coolant Injection

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SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
MO-3-1501-21A,B	Angle Valve, Motor Operated		X
MO-3-1501-22A,B	Gate Valve, Motor Operated		X
MO-3-1501-27A,B	Gate Valve, Motor Operated		X
MO-3-1501-28A,B	Gate Valve, Motor Operated		X
3-A,B,C,D-1501-44	Containment Cooling Ser- vice Water Pumps		X
FT-3-1542A,B	Flow Transmitter		X
MO-3-1501-38A,B	Globe Valve, Motor Operated		X
MO-3-1501-20A,B	Gate Valve, Motor Operated		X



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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Pressure Supression

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
LT-3-1641-1	Level Transmitter		X
SO-3-1601-68	Solenoid Valve		X
SO-3-1601-69	Solenoid Valve		X
POS-3-1601-61	Gate Valve, Air Operated (Position Switch)		X
POS-3-1601-60	Butterfly Valve, Air Operated (Position Switch)		X
SO-3-8501-2A,B	Solenoid Valve		X
SO-3-8501-4A,B	Solenoid Valve		X
SO-3-9203A,B	Solenoid Valve		X
SO-3-9204A,B	Solenoid Valve		X
SO-3-8501-6A,B	Solenoid Valve		X
PS-3-1632A,B,C,D	Pressure Switch		X
PS-3-1501-62A,B,C,D	Pressure Switch		X
PS-3-1629A,B	Pressure Switch		X
PS-3-1621A,B,C,D	Pressure Switch		X
PS-3-1628A,B	Pressure Switch		X
PT-3-1625	Pressure Transmitter		X

SYSTEM: Pressure Supression

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SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM			
Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
POS-3-1601-23	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-24	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-62	Globe Valve, Air Operated (Position Switch)		X
SO-3-1601-70	Solenoid Valve		X
POS-3-1601-63	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-55	Butterfly Valve, Air Operated (Position Switch)		X
AO-3-1601-55	Air Operated Valve (Solenoid)		X
POS-3-1601-21	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-22	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-56	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-58	Butterfly Valve, Air Operated (Position Switch)		X
SO-3-1601-66	Solenoid Valve		X
MO-3-1601-57	Globe Valve, Motor Operated		X

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
POS-3-1601-59	Globe Valve, Air Operated (Position Switch)		X
SO-3-1601-67	Solenoid Valve		X
POS-3-1601-20A	Butterfly Valve, Air Operated (Position Switch)		X
POS-3-1601-20B	Butterfly Valve, Air Operated (Position Switch)		X
DPT-3-1602-12	Differential Pressure Transmitter		X
DPIS-3-1622A,B	Differential Pressure Indication Switch		X
LT-3-1626	Level Transmitter		X
SO-3-1601-65	Solenoid Valve		X
SO-3-1601-71	Solenoid Valve		X
SO-3-1601-51A,B	Solenoid Valve		X
SO-3-1601-52A,B	Solenoid Valve		X
SO-2-1601-50A,B	Solenoid Valve		X

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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Standby Gas Treatment

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
2/3-B-7506	Fan		X
2/3-A-7506	Fan		X
FT-2/3-7541-40B	Flow Transmitter		X
FT-2/3-7541-40A	Flow Transmitter		X
FS-2/3-7541-45A	Flow Switch		X
FS-2/3-7541-45B	Flow Switch		X
2/3-7507B	Butterfly Valve, Motor Operated		X
2/3-7507A	Butterfly Valve, Motor Operated		X
2&3-7503	Butterfly Valve, Motor Operated		X
2/3-7504-B	Butterfly Valves, Motor Operated		X
2/3-7504-A	Butterfly Valves, Motor Operated		X
2/3-7505-B	Butterfly Valve, Motor Operated		X
2/3-7505-A	Butterfly Valves, Motor Operated		X
TS-2/3-7541-11B	Temperature Switch		X

SYSTEM: Standby Gas Treatment

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SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
TS-2/3-7541-11A	Temperature Switch		X
SCR-2/3-7541-36B	SCR		X
SCR-2/3-7541-36A	SCR		X
2/3-B-7503	Electric Air Heater		X
2/3-A-7503	Electric Air Heater		X
FS-2/3-7541-41A,B	Flow Switch		X
2223-28A,B	Local Control Panel		X

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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Service Water

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
2/3 & 3-3903	Diesel Generator Cooling Water Pumps		X
3-5746A,B	Emergency Air Cooler Reactor Building		X
3-5747	HPCI Building Cooler		X

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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Diesel Oil Piping

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
2/3 & 3-5203	Diesel Oil Transfer Pump		X
LS-3-5241-3	Level Switch (High/Low)		X
LS-2/3-5241-3	Level Switch (High/Low)		X
SO-3-5202	Solenoid Valve		X
SO-2/3-5202	Solenoid Valve		X

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SYSTEM: Containment Isolation

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name (**)</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
*AO-3-203-1A,B,C,D	Globe Valve, Air Operated (M-345)	X	
*AO-3-203-2A,B,C,D	Globe Valve, Air Operated (M-345)		X
*MO-3-220-1	Globe Valve, Motor Operated (M-345)	X	
*MO-3-220-2	Globe Valve, Motor Operated (M-345)		X
*SO-3-220-44	Solenoid Valve (M-357)	X	
*SO-3-220-45	Solenoid Valve (M-357)		X
MO-3-1201-1	Gate Valve, Motor Operated	X	
MO-3-1201-2	Gate Valve, Motor Operated		X
MO-3-1201-3	Gate Valve, Motor Operated		X
MO-3-1001-1A,B	Gate Valve, Motor Operated	X	
MO-3-1001-2A,B,C	Gate Valve, Motor Operated		X
MO-3-1001-5A,B	Gate Valve, Motor Operated		X
*MO-3-1501-5A,B,C,D	Gate Valve, Motor Operated (M-360)		X
*SO-3-305-120	Solenoid Valve		X
*SO-3-305-121	Solenoid Valve		X



SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM		Location	
Plant Identification Number	Generic Name (**)	Inside Primary Contain- ment	Outside Primary Contain- ment
*SO-3-305-122	Solenoid Valve		X
*SO-3-305-123	Solenoid Valve		X
*MO-3-1501-22A,B	Gate Valve, Motor Operated (M-360)		X
*MO-3-1501-18A,B	Globe Valve, Motor Operated (M-360)		X
*MO-3-1501-19A,B	Gate Valve, Motor Operated (M-360)		X
*MO-3-1501-38A,B	Globe Valve, Motor Operated (M-360)		X
*MO-3-1501-20A,B	Gate Valve, Motor Operated (M-360)		X
*MO-3-1501-13A,B	Gate Valve, Motor Operated (M-360)		X
*MO-3-1501-28A,B	Gate Valve, Motor Operated (M-360)		X
*MO-3-205-2-4	Gate Valve, Motor Operated (M-357)		X
*MO-3-1301-1	Gate Valve, Motor Operated (M-359)		X
*MO-3-1301-2	Gate Valve, Motor Operated (M-359)		X
*MO-3-1301-3	Gate Valve, Motor Operated (M-359)		X
*MO-3-1301-4	Gate Valve, Motor Operated (M-359)	X	
*MO-3-1402-3A,B	Gate Valve, Motor Operated (M-358)		X
*MO-3-1402-25A,B	Gate Valve, Motor Operated (M-358)		X

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM			
Plant Identification Number	Generic Name (**)	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
*MO-3-1402-4A,B	Globe Valve, Motor Operated (M-358)		X
*MO-3-2301-36	Gate Valve, Motor Operated (M-374)		X
*MO-3-2301-9	Gate Valve, Motor Operated (M-374)	X	
*MO-3-2301-5	Gate Valve, Motor Operated (M-374)		X
AO-3-2001-105	Gate Valve, Air Operated (Solenoid)		X
AO-3-2001-106	Gate Valve, Air Operated (Solenoid)		X
AO-3-2001-5	Gate Valve, Air Operated (Solenoid)		X
AO-3-2001-6	Gate Valve, Air Operated (Solenoid)		X
POS-3-2001-105	Gate Valve, Air Operated (Position Switch)		X
POS-3-2001-106	Gate Valve, Air Operated (Position Switch)		X
POS-3-2001-5	Gate Valve, Air Operated (Position Switch)		X
POS-3-2001-6	Gate Valve, Air Operated (Position Switch)		X
MO-3-3702	Gate Valve, Motor Operated		X
MO-3-3703	Gate Valve, Motor Operated		X
MO-3-3706	Gate Valve, Motor Operated	X	
*AO-3-1601-60	Butterfly Valve, Air Operated (M-356)		X

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM		Location	
Plant Identification Number	Generic Name (**)	Inside	Outside
		Primary Contain- ment	Primary Contain- ment
*AO-3-1601-61	Gate Valve, Air Operated (M-356)		X
*AO-3-1601-20A,B	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-23	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-24	Butterfly Valve, Air Operated (M-356)		X
*MO-3-1601-57	Globe Valve, Motor Operated (M-356)		X
*AO-3-1601-62	Globe Valve, Air Operated (M-356)		X
*AO-3-1601-21	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-59	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-58	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-56	Butterfly Valve, Air Operated (M-356)		X
*MO-3-1601-57	Globe Valve, Motor Operated (M-356)		X
*AO-3-1601-22	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-63	Butterfly Valve, Air Operated (M-356)		X
*AO-3-1601-55	Butterfly Valve, Air Operated (M-356)		X
AO-3-4720	Air Operated Valve (Solenoid)		X

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

<u>Plant Identification Number</u>	<u>Generic Name (**)</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
AO-3-4721	Air Operated Valve (Solenoid)		X
AO-3-4722	Air Operated Valve (Solenoid)		X
POS-3-4720	Air Operated Valve (Position Switch)		X
POS-3-4721	Air Operated Valve (Position Switch)		X
POS-3-4722	Air Operated Valve (Position Switch)		X

\* These components are listed here for information only. Their qualification evaluation is covered with their respective systems.

\*\* Shows P&ID Number of respective system

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SYSTEM: Control Rod Drive Hydraulic

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
*SO-3-305-117	Scram Solenoid Valve		X
*SO-3-305-118	Scram Solenoid Valve		X
SO-3-0302-20A,B	Scram Solenoid Valve		X
SO-3-0302-19A,B	Scram Solenoid Valve		X
LS-3-0302-82A,B,C,D	Level Switch		X
POS-3-302-21A,B	Air Operated Valve (Position Switch)		X
POS-3-302-22	Air Operated Valve (Position Switch)		X
*SO-3-305-120	Solenoid Valve		X
*SO-3-305-121	Solenoid Valve		X
*SO-3-305-122	Solenoid Valve		X
*SO-3-305-123	Solenoid Valve		X

\*Typical of 177 Valves

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CLASS 1E ELECTRICAL EQUIPMENT  
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SYSTEM: Reactor (Nuclear Boiler) Recirculation

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
LITS-3-263-73A,B	Level Indicating Transmitter Switch		X
PS-3-263-111A,B,C,D	Pressure Switch		X
PT-3-647A,B	Pressure Transmitter		X
LT-3-646-A,B	Level Transmitter		X
PT-3-662	Pressure Transmitter		X
PS-3-263-51A,B	Pressure Switch		X
PS-3-263-52A,B	Pressure Switch		X
PS-3-263-53A,B,C,D	Pressure Switch		X
PS-3-263-55A,B,C,D	Pressure Switch		X
LT-3-263-61	Level Transmitter		X
MO-3-205-204	Gate Valve, Motor Operated		X
POS-3-220-51	Globe Valve, Air Operated (Position Switch)	X	
AO-3-220-51	Globe Valve, Air Operated (Solenoid)	X	
POS-3-220-52	Globe Valve, Air Operated (Position Switch)	X	
AO-3-220-52	Globe Valve, Air Operated (Solenoid)	X	

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
LITS-3-263-59A,B	Level Indicator Transmitter Switch		X
LIS-3-263-57A,B	Level Indicator Switch		X
LIS-3-263-72A,B,C,D	Level Indicator Switch		X
LIS-3-263-58A,B	Level Indicator Switch		X
POS-3-220-44	Globe Valve, Air Operated (Position Switch)	X	
AO-3-220-44	Globe Valve, Air Operated (Solenoid)	X	
POS-3-220-45	Globe Valve, Air Operated (Position Switch)		X
AO-3-220-45	Globe Valve, Air Operated (Solenoid)		X
DPIS-3-261-35A,B,C,D E,F,G,H	Differential Pressure Indicating Switch		X
DPIS-3-261-34A,B,C,D	Differential Pressure Indicating Switch		X
MO-3-202-4A,B	Gate Valve, Motor Operated	X	
MO-3-202-5A,B	Gate Valve, Motor Operated	X	
MO-3-202-6A,B	Gate Valve, Motor Operated	X	
MO-3-202-7A,B	Gate Valve, Motor Operated	X	
MO-3-202-9A,B	Gate Valve, Motor Operated	X	

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SYSTEM: Process Radiation Monitoring

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
RE-3-1735A,B	Rx Building Ventilation Exhaust Radiation Element		X
RE-3-1734A,B,C,D	Main Steam Line Radiation Element		X



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SYSTEM: Reactor Building Ventilation

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
AO-3-5742A,B	Butterfly Valve, Air Operated (Solenoid)		X
AO-3-5741A,B	Butterfly Valve, Air Operated (Solenoid)		X

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CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: Control Room, Office, and Drywell Air Conditioning

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
2/3-5772-100	Isolation Damper and Solenoid Valves		X
2/3-5772-99	Damper		X
2/3-5772-101	Isolation Damper		X
2/3-5731	Supply Air Fan		X
2/3-9472-024	Damper		X
2/3-9472-023	Damper		X
2/3-5772-62	Damper		X
2/3-5728	Return Air Fan		X
2/3-	Diesel Generator Room Fan		X
2/3-2A,B	Control Room Air Con- ditioning Compressors		X
SE-2/3-8941-013	Smoke Detector		X
SO-2/3-9441-003	Solenoid Valve		X
SO-2/3-9441-004	Solenoid Valve		X

Facility: Dresden  
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MASTER LIST

CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: Standby Alternating Current Power

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification</u> <u>Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside</u> <u>Primary</u> <u>Contain-</u> <u>ment</u>	<u>Outside</u> <u>Primary</u> <u>Contain-</u> <u>ment</u>
D/G 3-5209	Standby Diesel Generator		X
D/G-2/3-5209	Standby Diesel Generator		X
SWGR 33-1	4.16 kV Switchgear		X
SWGR 34-1	4.16 kV Switchgear		X
SWGR 38	480 V Switchgear		X
SWGR 39	480 V Switchgear		X
MCC 38-1	480 V Rx Building MCC		X
MCC 38-2	480 V Turbine Building MCC		X
MCC 38-3	480 V Turbine Building MCC		X
MCC 38-7	480 V Rx Building MCC		X
MCC 39-1	480 V Rx Building MCC		X
MCC 39-2	480 V Turbine Building MCC		X
MCC 39-3	480 V Rx Building MCC		X
MCC 39-4	480 V Rx Building MCC		X
MCC 39-7	480 V Rx Building MCC		X
RPS Bus 1	120 V ac Reactor Protec- tion System Bus 1		X
RPS Bus 2	120 V ac Reactor Protec- tion System Bus 2		X

SYSTEM: Standby Alternating Current Power

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 Page 2

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
Essential Service Bus	120/240 V ac Essential Service Bus		X
Instrument Bus	120/240 V ac Instrument Bus		X
Essential Bus MMG Set	120/240 V ac Essential Bus Supply MMG Set		X
2223-41	D/G 2/3 Excitation Cabinet		X
None	D/G 3 Excitation Cabinet		X
None	D/G 2/3-3 Engine Control Panel		X
None	D/G 2/3-3 Speed Sensing Panel at Engine		X
None	D/G 3 Relay and Meter Panel		X
2223-33	D/G 2/3 Relay and Meter Panel		X
None	4 kV Nonsegregated Bus		X

Facility: Dresden  
 Unit: 3  
 Docket: 50-249

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MASTER LIST

CLASS 1E ELECTRICAL EQUIPMENT  
 REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: Standby Direct Current Power

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
250 V Batt Chgr 3	250 V Battery Charger		X
250 V Batt Chgr 2/3	250 V Batter Charger		X
MCC 3 (Turbine Building)	250 V dc Turbine Building MCC		X
MCC 3 (Rx Building Bus 3A & 3B)	250 V dc Reactor Building MCC		X
250 V Battery	250 V dc Battery		X
125 V Batt Chgr 3	125 V Battery Charger		X
125 V Batt Chgr 3A	125 V Battery Charger		X
125 V Battery	125 V dc Battery		X
125 V DCDP Main Bus 3	125 V dc Turbine Building Distribution Panel (Main Bus)		X
125 V DCDP Res Bus 3	125 V dc Turbine Building Distribution Panel (Reserve Bus)		X
48/24 Batt 3A & 3B	48/24 V Battery		X
24V Batt Chgr 3A & 3B (+)	24 V Battery Charger		X
24 V Batt Chgr 3A & 3B (-)	24 V Battery Charger		X
48/24 DCDB 3A & 3B	48/24 V dc Distribution Panel		X

Facility: Dresden  
Unit: 3  
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MASTER LIST

CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: Isolation Condenser

<u>SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM</u>			
<u>Plant Identification Number</u>	<u>Generic Name</u>	<u>Location</u>	
		<u>Inside Primary Contain- ment</u>	<u>Outside Primary Contain- ment</u>
POS-3-1301-17	Globe Valve, Air Operated (Position Switch)		X
AO-3-1301-17	Globe Valve, Air Operated (Solenoid)		X
POS-3-1301-20	Globe Valve, Air Operated (Position Switch)		X
AO-3-1301-20	Globe Valve, Air Operated (Solenoid)		X
MO-3-1301-3	Gate Valve, Motor Operated (dc)		X
DPIS-3-1349-A,B	Differential Pressure Indication Switch		X
MO-3-1301-4	Gate Valve, Motor Operated	X	
MO-3-1301-1	Gate Valve, Motor Operated	X	
MO-3-1301-2	Gate Valve, Motor Operated (dc)		X
DPIS-3-1350A,B	Differential Pressure Indication Switch		X
TE-3-1346A,B,C,D	Temperature Elements		X

Facility: Dresden  
Unit: 3  
Docket: 50-249

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MASTER LIST

CLASS 1E ELECTRICAL EQUIPMENT  
REQUIRED TO FUNCTION UNDER POSTULATED ACCIDENT CONDITIONS

SYSTEM: General Use Electrical Equipment

SPECIFIC COMPONENTS ASSOCIATED WITH ABOVE SYSTEM

Plant Identification Number	Generic Name	Location	
		Inside Primary Contain- ment	Outside Primary Contain- ment
Cable	5 kV Power		X
Cable	600 V Power and Control	X	X
Cable	Instruments	X	X
Cable	Thermocouples	X	X
Electrical Pene- tration	High-Voltage Power	X	X
Electrical Pene- tration	Low-Voltage Power & Control	X	X
Electrical Pene- tration	Instruments	X	X
Electrical Pene- tration	Thermocouples	X	X

## APPENDIX C

### LIST OF FIGURES AND TABLES

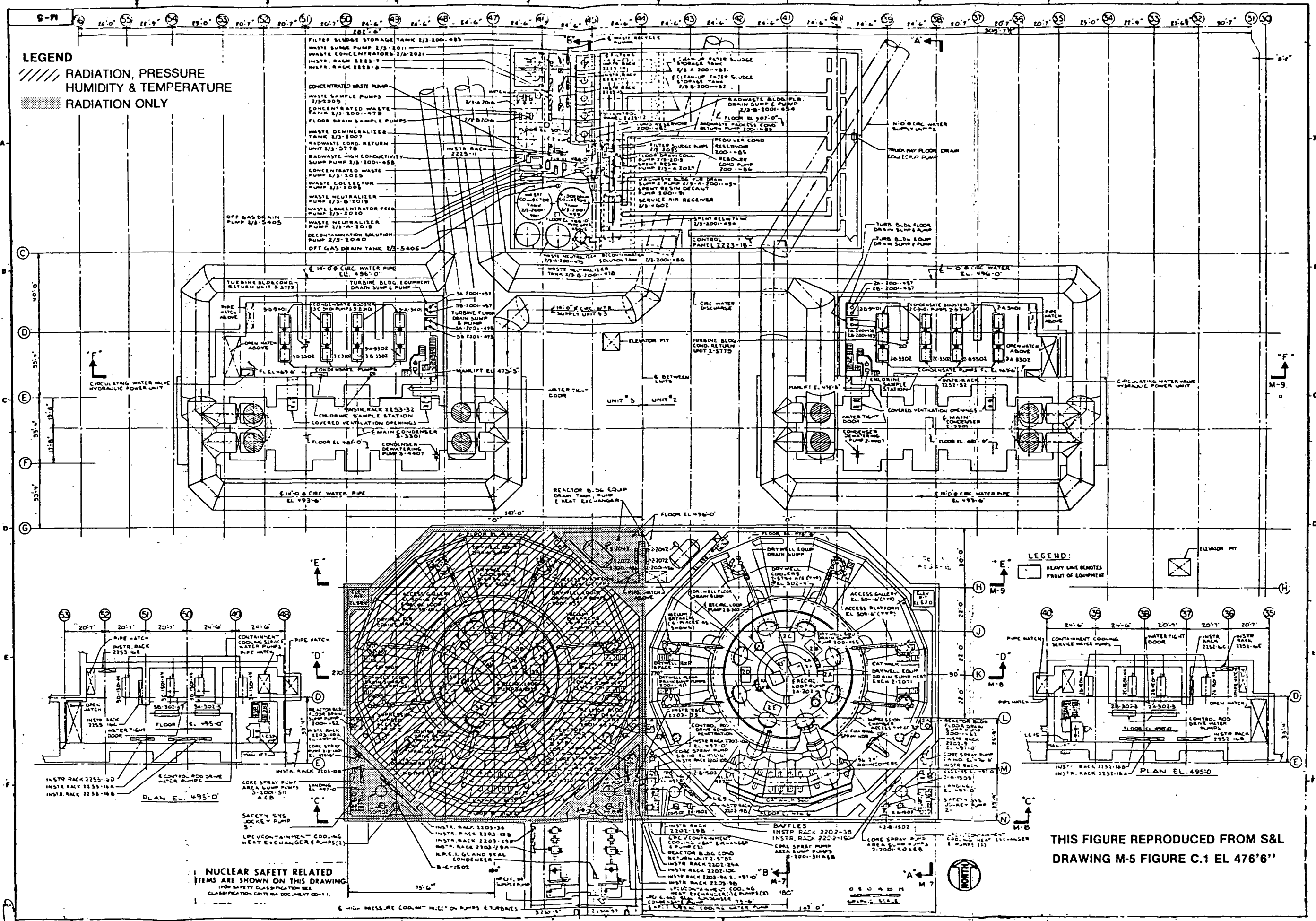
#### DRESDEN UNIT 3 KEY PLAN IDENTIFYING HARSH ENVIRONMENTAL AREAS AND TABULATION OF SERVICE CONDITIONS

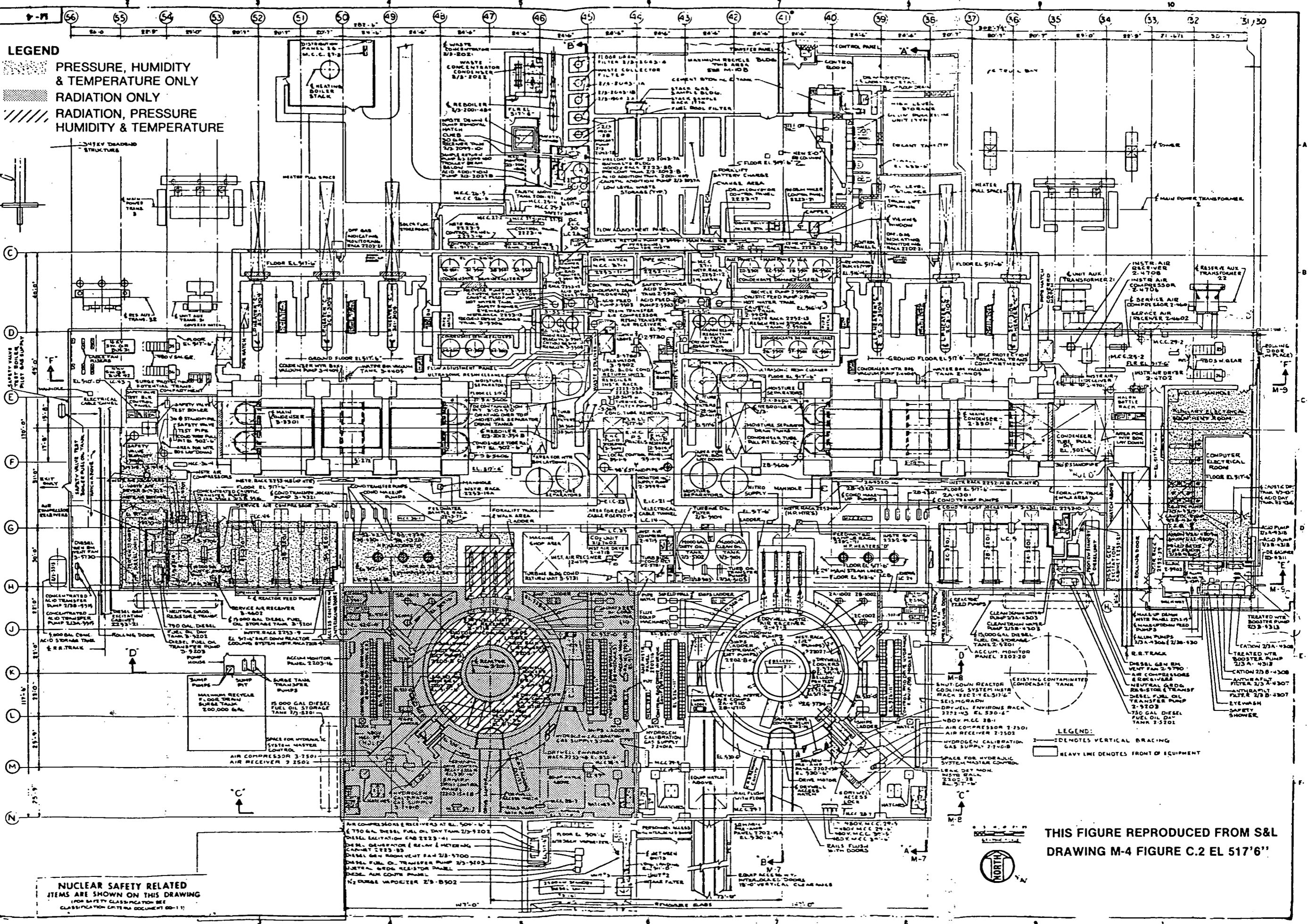
- Figure C.1 Plan view general arrangement drawing identifying harsh environmental areas for Dresden Unit 3 el 476'-6"
- Figure C.2 Plan view general arrangement drawing identifying harsh environmental areas for Dresden Unit 3 el 517'-6"
- Figure C.3 Plan view general arrangement drawing identifying harsh environmental areas for Dresden Unit 3 el 545'-6"
- Figure C.4 Plan view general arrangement drawing identifying harsh environmental areas for Dresden Unit 3 el 570'-0"
- Figure C.5 Plan view general arrangement drawing identifying harsh environmental areas for Dresden Unit 3 el 589'-0" and 613'-0"
- Figure C.6 FSAR Figure 5.2.11 providing the drywell pressure response following the postulated LOCA
- Figure C.7 FSAR Figure 5.2.12 providing drywell temperature response following the postulated LOCA
- Table C-1 Maximum environmental conditions inside drywell for the postulated LOCA/HELB
- Table C-2 Maximum environmental conditions outside drywell following the postulated HELB accidents discussed in Section 4.1 of this report
- Table C-3 Post-LOCA maximum radiation doses for areas outside the drywell for 1 day, 30 days, and 1-year exposure. Where times other than 1 day, 30 days, and 1 year apply calculated values for the appropriate time are utilized.



**LEGEND**

- ////// RADIATION, PRESSURE HUMIDITY & TEMPERATURE
- ▨ RADIATION ONLY





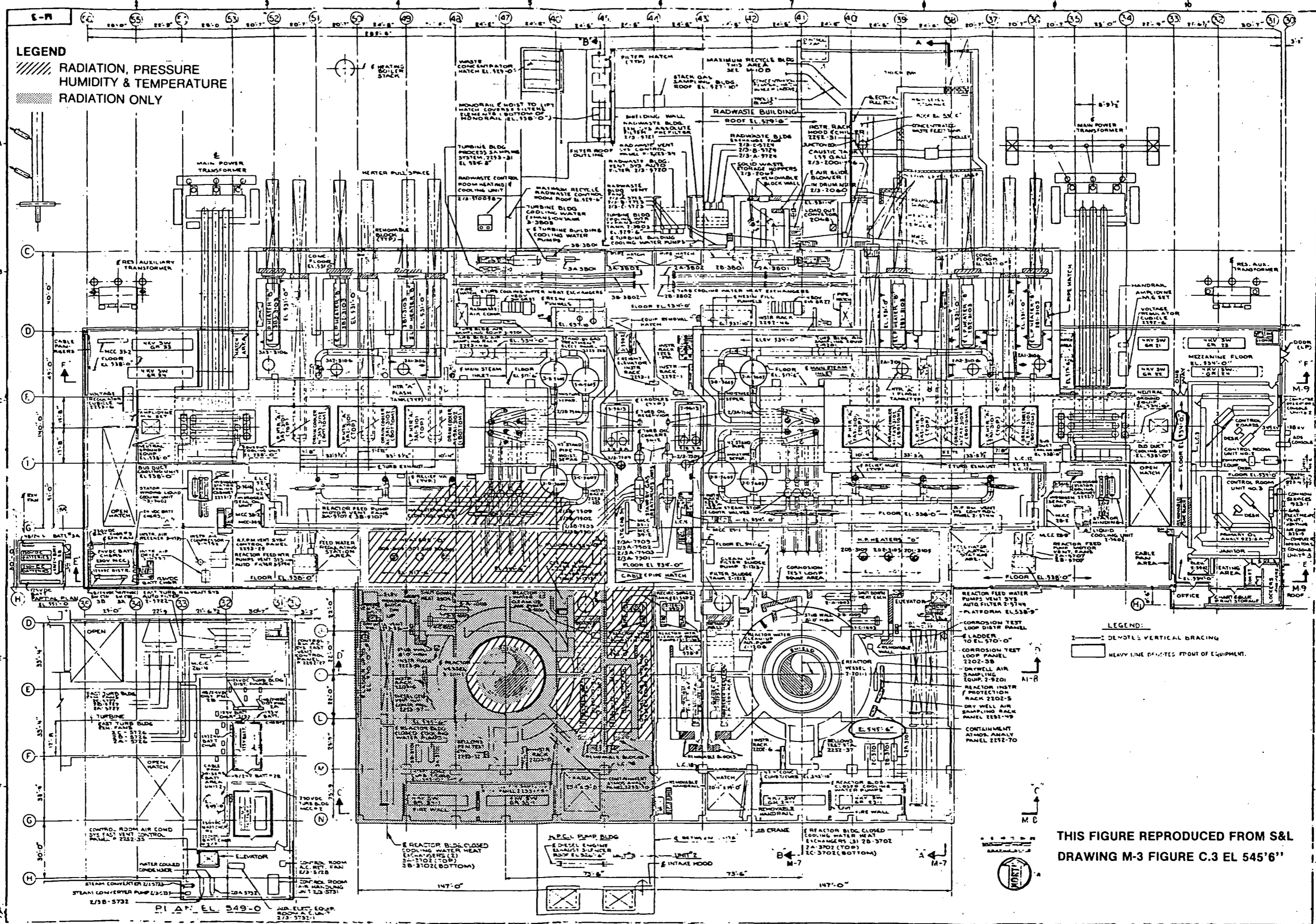
**LEGEND**

PRESSURE, HUMIDITY & TEMPERATURE ONLY  
 RADIATION ONLY  
 RADIATION, PRESSURE HUMIDITY & TEMPERATURE

NUCLEAR SAFETY RELATED ITEMS ARE SHOWN ON THIS DRAWING FROM SAFETY CLASSIFICATION SEE CLASSIFICATION CONTROL DOCUMENT 00-111

THIS FIGURE REPRODUCED FROM S&L DRAWING M-4 FIGURE C.2 EL 517'6"





**LEGEND**

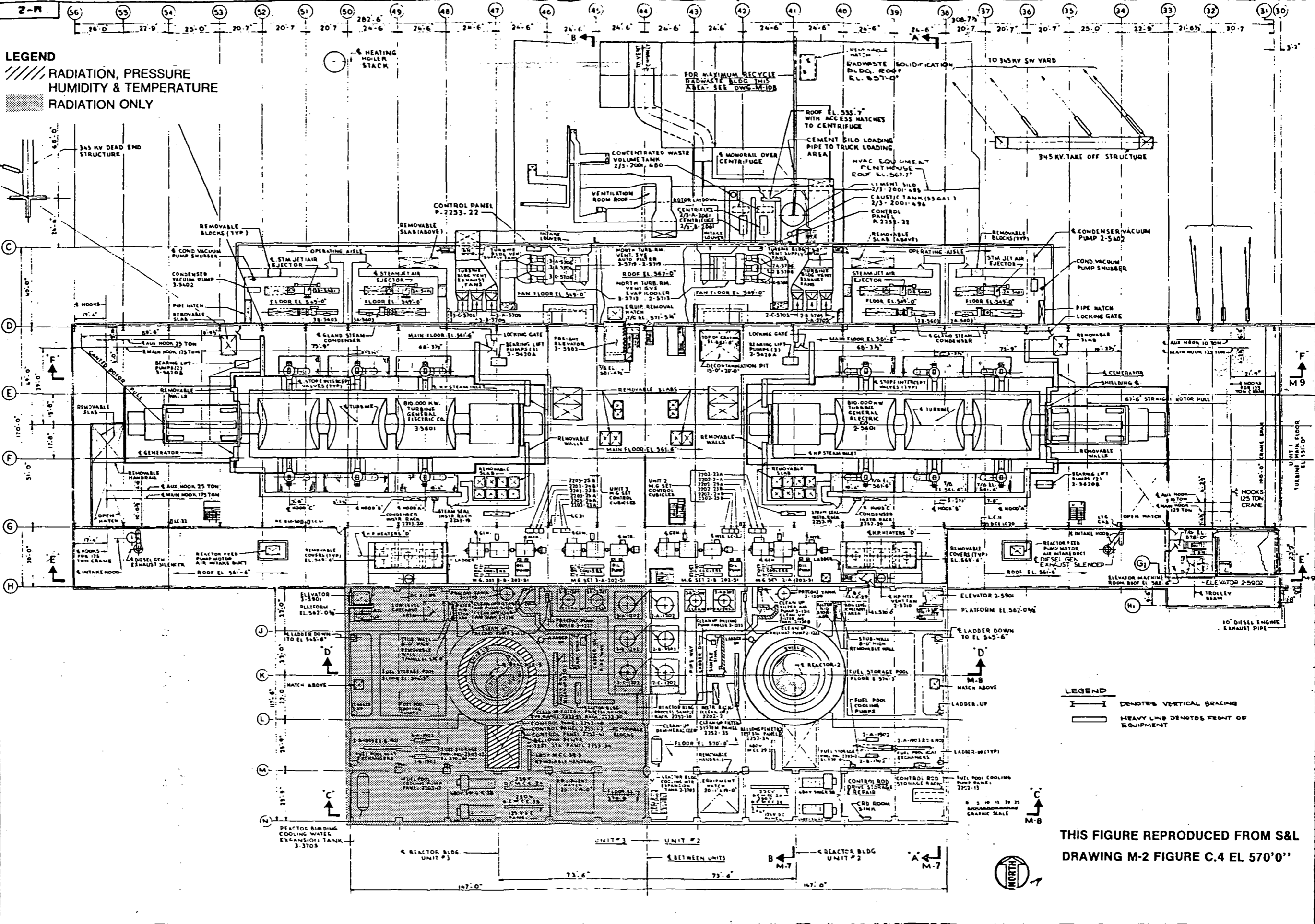
- RADIATION, PRESSURE HUMIDITY & TEMPERATURE
- RADIATION ONLY

**LEGEND:**

- DENOTE VERTICAL BRACING
- HEAVY LINE DENOTES FRONT OF EQUIPMENT.

THIS FIGURE REPRODUCED FROM S&L DRAWING M-3 FIGURE C.3 EL 545'6"





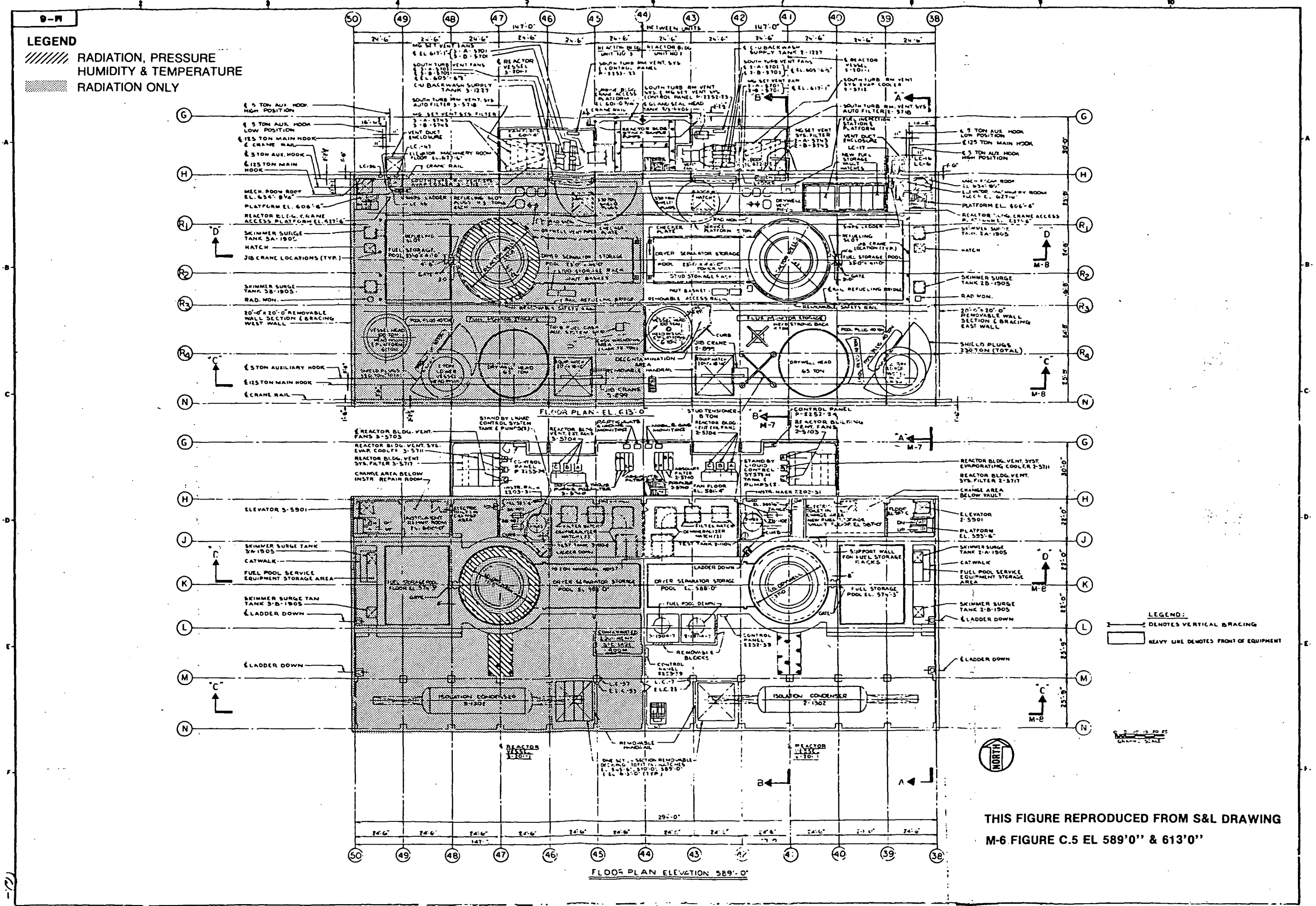
**LEGEND**  
 // RADIATION, PRESSURE HUMIDITY & TEMPERATURE  
 [Hatched Box] RADIATION ONLY

**LEGEND**  
 [Vertical Line] DENOTES VERTICAL BRACING  
 [Heavy Line] HEAVY LINE DENOTES FRONT OF EQUIPMENT

THIS FIGURE REPRODUCED FROM S&L DRAWING M-2 FIGURE C.4 EL 570'0"

9-M

**LEGEND**  
 // RADIATION, PRESSURE HUMIDITY & TEMPERATURE  
 ■ RADIATION ONLY



THIS FIGURE REPRODUCED FROM S&L DRAWING  
 M-6 FIGURE C.5 EL 589'-0" & 613'-0"

FLOOR PLAN ELEVATION 589'-0"

FIGURE C.6

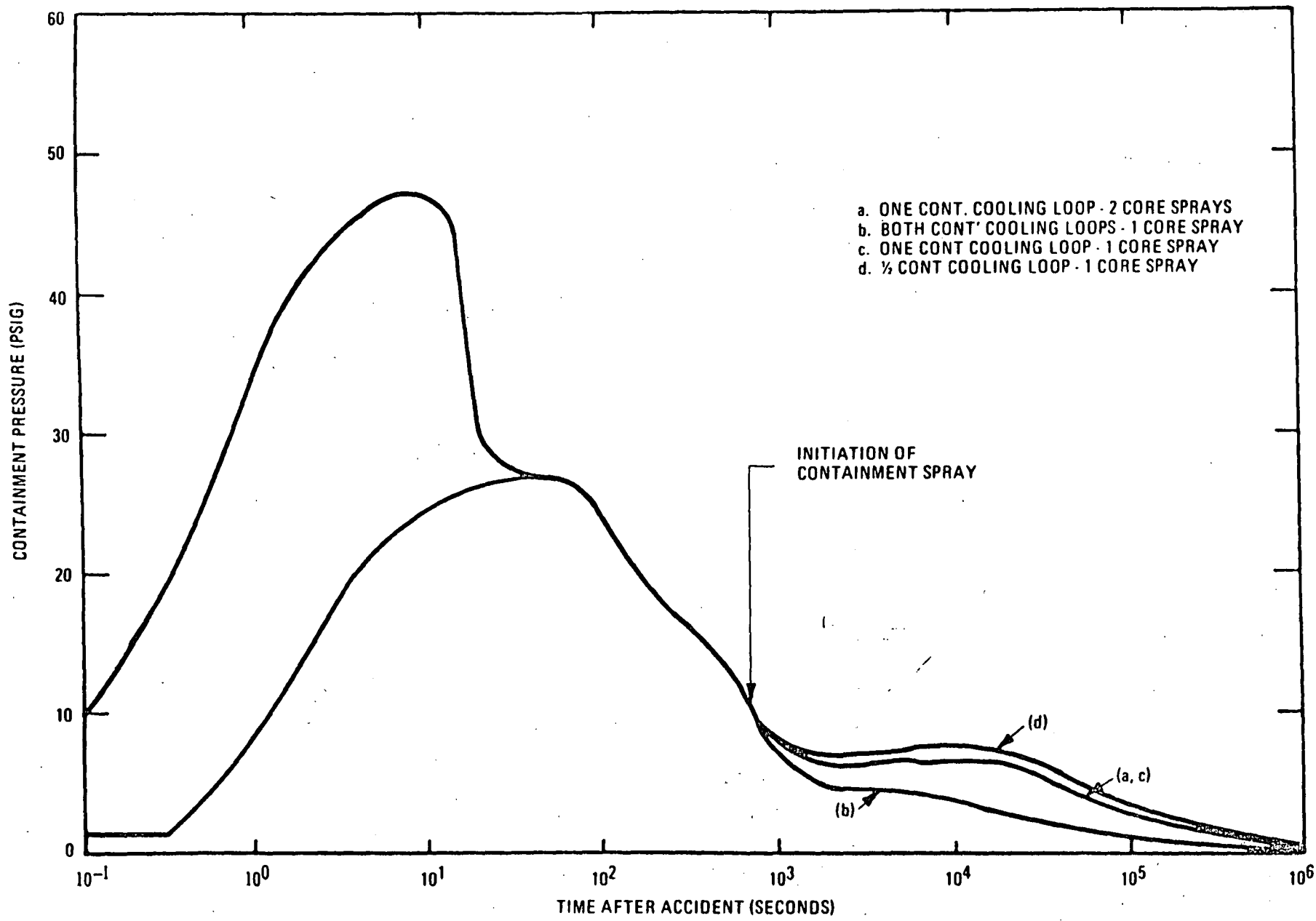


Figure 5.2.11 Pressure Response to Loss-of-Coolant Accident

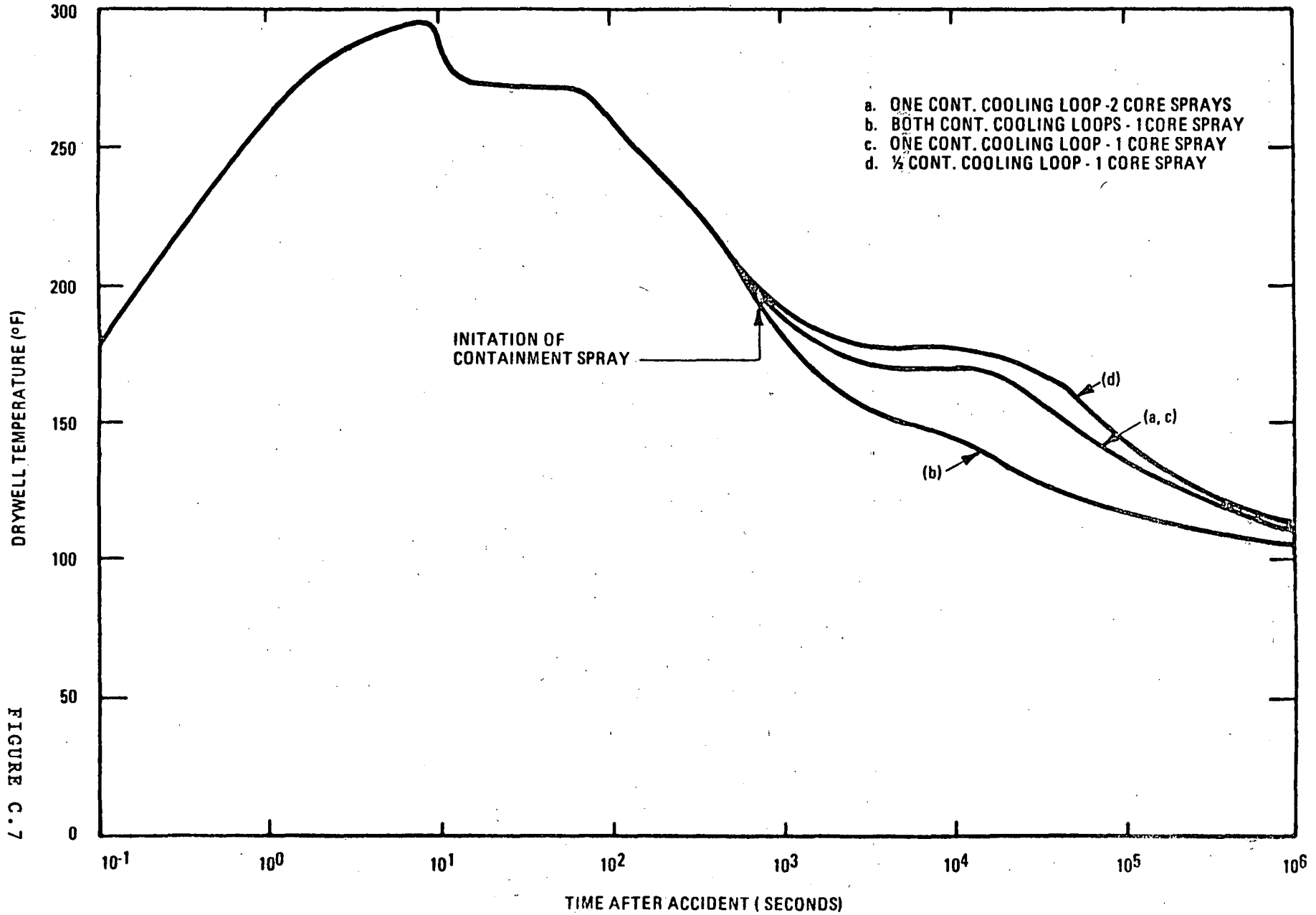


FIGURE C.7

Figure 5.2.12 Temperature Response to Loss-of-Coolant Accident

TABLE C-1

MAXIMUM ENVIRONMENTAL CONDITIONS INSIDE THE DRYWELL  
FOLLOWING THE POSTULATED LOCA/HELB

<u>Temperature</u>	<u>Pressure</u>	<u>Relative Humidity</u>	<u>Containment Spray</u>	<u>Gamma Radiation</u>	<u>Submergency Elevation</u>
281F	63 psia	100%	Demineralized Water	1 hour- $2.0 \times 10^7$ rads 1 day- $4.3 \times 10^7$ rads 30 day- $1.0 \times 10^8$ rads 1 year- $1.1 \times 10^8$ rads	505'-6"



TABLE C-2

HEL B ENVIRONMENTAL CONDITIONS  
OUTSIDE THE DRYWELL

<u>Area</u>	<u>Pipe Break</u>	<u>Maximum Pressure (psia)</u>	<u>Maximum Temperature (°F)</u>	<u>Relative Humidity (%)</u>
Torus Compartment	High-pressure coolant injection Steam	27.0	242	100
Reactor Building Pipe Chase, el 589'-0", 570'-0", and 545'-6" South of Drywell Between Columns L and M near Column 41.	Isolation condenser	27.0	242	100
Steam Tunnel	Main steam Feedwater	27.0	242	100
Reactor Water Cleanup Heat Exchanger and Holding Pump Room	Reactor water cleanup	Not evaluated - Only containment isolation valve(s) required to function. Its qualification will meet conservatively assumed inside drywell conditions.		
High-Pressure Heater Bay	Main steam Feedwater	27.0	242	100
Turbine Building el 538'-0" North of Column G Between Column 40 and 42 and 46 and 48	Main steam	21.9	230	100

TABLE C-2 (Continued)

<u>Area</u>	<u>Pipe Break</u>	<u>Maximum Pressure (psia)</u>	<u>Maximum Temperature (°F)</u>	<u>Relative Humidity (%)</u>
Reactor Feed Pump Room	Feedwater	Not evaluated - No equipment required to function located in this room		
Diesel Generator Room	Feedwater	14.9	213	100
Electrical Equipment Room (This room is located in Unit 2, but is included because some Unit 3 equipment is located in this room).	Feedwater	14.9	213	100

TABLE C-3

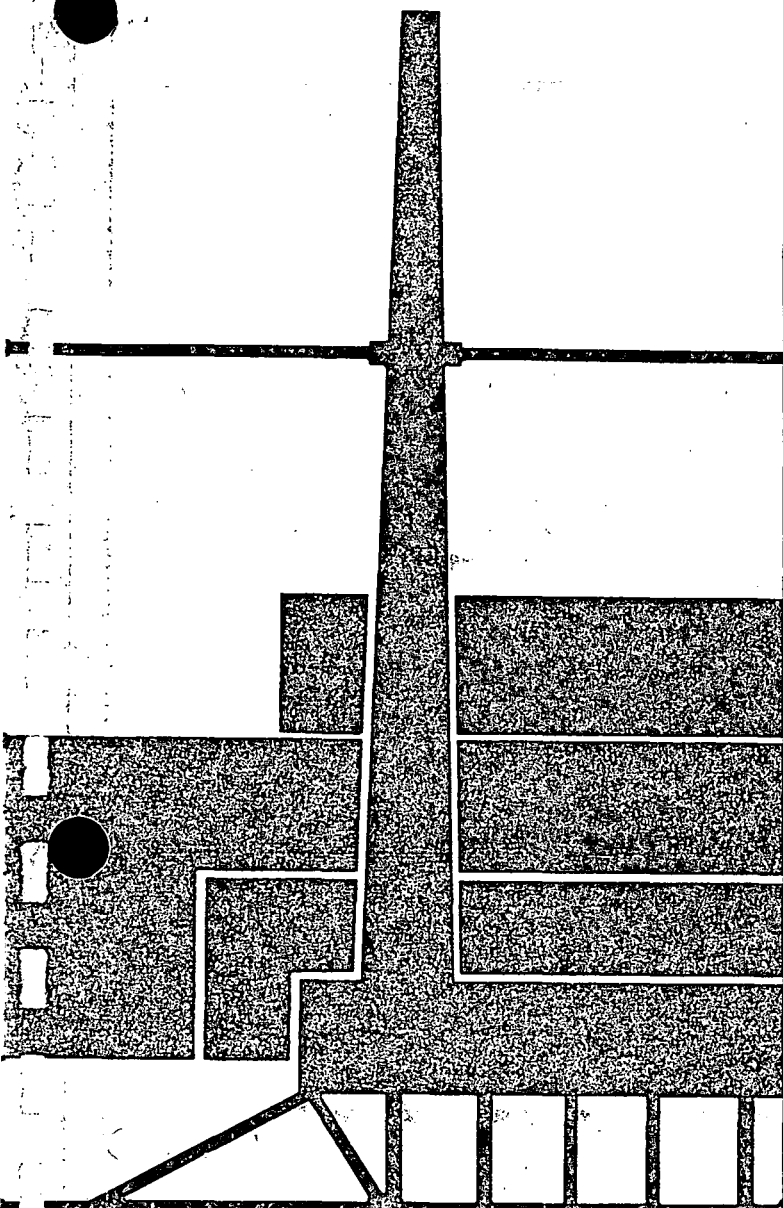
RADIATION ENVIRONMENTAL CONDITIONS OUTSIDE DRYWELL  
 FOLLOWING THE POSTULATED LOCA  
 MAXIMUM RADIATION SOURCES

<u>Area</u>	<u>Source*</u>	<u>Integrated Dose Levels (rads)</u>		
		<u>1 Day</u>	<u>30 Days</u>	<u>1 Year</u>
Torus	SP	$1.5 \times 10^7$	$3.2 \times 10^7$	$3.9 \times 10^7$
Low-Pressure Coolant Injection Corner Rooms	SP	$2.4 \times 10^5$	$9.4 \times 10^5$	$1.7 \times 10^6$
High-Pressure Coolant Injection Room	MS	$6.6 \times 10^6$	$1.6 \times 10^7$	$1.7 \times 10^7$
Steam Tunnel	SP	$1.9 \times 10^5$	$7.0 \times 10^5$	$1.3 \times 10^6$
Reactor Building El 517'-6"	RW	$2.5 \times 10^6$	$7.8 \times 10^6$	$1.4 \times 10^7$
Reactor Building El 545'-6"	CA/SP	$2.2 \times 10^5$	$6.2 \times 10^5$	$1.1 \times 10^6$
Reactor Building El 570'-0"	CA	$2.2 \times 10^5$	$5.4 \times 10^5$	$6.1 \times 10^5$
Reactor Building El 589'-0"	RW	$3.2 \times 10^6$	$1.1 \times 10^7$	$1.8 \times 10^7$

\* SP = Suppression Pool Liquid  
 RW = Reactor Water  
 MS = Reactor Steam  
 CA = Containment Airborne



**Bechtel Power Corporation**  
**April 1980**



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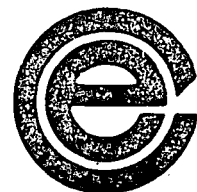
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RECORDS FACILITY BRANCH

**RESPONSE TO IE BULLETIN 79-01B**  
**DRESDEN**  
**NUCLEAR POWER STATION**  
**UNIT 3**

**Volume 2**

**Commonwealth Edison**



RESPONSE TO IE BULLETIN 79-01B  
DRESDEN NUCLEAR POWER STATION  
UNIT 3 AND COMMON

VOLUME 2

This volume contains equipment data sheets for the following Unit 3 and common systems:

1. Reactor protection
2. Core spray
3. High-pressure coolant injection
4. Auto depressurization/main steam
5. Low-pressure coolant injection
6. Pressure suppression

Notes:

NA is used for not applicable

EO# is used for 10 to the power number (e.g., E06 =  $10^6$ )

This volume contains sheets 1 through 252

Component Sheet No: 1  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR PROTECTION</b>  Plant I.D. Number: PS-3-503A,B,C,D Component: <b>PRESSURE SWITCH (LOW)</b>  Manufacturer: <b>BARKSDALE</b>  Model Number: DIT H18SS  Purchase Order Number: GE H0847 SPEC 21A1153 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes:      No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-503A Component: PRESSURE SWITCH (LOW)	Temperature (°F)	120
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: DIT H18SS	Relative Humidity (%)	100
Purchase Order Number: GE H0847 SPEC 21A1153 Function/Service: CONDENSER LOW VACUUM SIGNAL TO SCRAM VALVE SOLENOID	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2253-20 COLUMNS 49 & G Elevation 569'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-503B Component: PRESSURE SWITCH (LOW)	Temperature (°F)	120
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: DIT H18SS	Relative Humidity (%)	100
Purchase Order Number: GE H0847 SPEC 21A1153 Function/Service: CONDENSER LOW VACUUM SIGNAL TO SCRAM VALVE SOLENOID	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2253-20 COLUMNS 49 & G Elevation 569'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>REACTOR PROTECTION</b>  Plant I.D. Number: PS-3-503C Component: <b>PRESSURE SWITCH (LOW)</b>  Manufacturer: <b>BARKSDALE</b>  Model Number: DIT H18SS  Purchase Order Number: GE H0847 SPEC 21A 1153 Function/Service: CONDENSER LOW VACUUM SIGNAL TO SCRAM VALVE SOLENOID  Accuracy:    Spec: Demo:  Location RACK 2253-20 COLUMNS 49 & G Elevation 569'6"  Flood Level Elevation: NA Above Flood Level: Yes:        No:	Operating Time	CONTINUOUS
	Temperature (°F)	120
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>REACTOR PROTECTION</b>  Plant I.D. Number: PS-3-503D Component: <b>PRESSURE SWITCH (LOW)</b>  Manufacturer: <b>BARKSDALE</b>  Model Number: DIT H18SS  Purchase Order Number: GE H0847 SPEC 21A1153 Function/Service: CONDENSER LOW VACUUM SIGNAL TO SCRAM VALVE SOLENOID  Accuracy:    Spec: Demo:  Location RACK 2253-20 COLUMNS 49& G Elevation 569'6"  Flood Level Elevation: Above Flood Level: Yes:        No:	Operating Time	CONTINUOUS
	Temperature (°F)	120
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA



Component Sheet No: 4  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR PROTECTION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC  Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	4.3 E05		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762A Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858 A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47 & M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762B Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858 A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47 & M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Component Sheet No. 6  
 Revision 0  
 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762C Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47 & M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762D Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762E Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762F Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762G Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-762H Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 112C221 8G1 Purchase Order Number: 120-1916A MANUAL GEK-858A Function/Service: INTERMEDIATE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Pressure (PSIA)	14.7
Accuracy: Spec: Demo:	Relative Humidity (%)	100
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Chemical Spray	NA
	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR PROTECTION  Plant I.D. Number: SEE ATTACHED SHEETS Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC  Model Number:  Purchase Order Number: 120-1916A MANUAL GEK-987C Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	4.3 E05		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)			
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-752A Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 120-1916A MANUAL GEK 987C Function/Service: SOURCE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-752B Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 120-1916A MANUAL GEK-987C Function/Service: SOURCE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-752C Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 120-1916A MANUAL GEK-987C Function/Service: SOURCE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location RACK 2203-15 COLUMNS 47&M Elevation 530'6"	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR PROTECTION	Operating Time	CONTINUOUS
Plant I.D. Number: RAM-3-752D Component: NEUTRON MONITOR PREAMPLIFIER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 120-1916A MANUAL GEK-987C Function/Service: SOURCE RANGE NEUTRON LEVEL DETECTION SIGNAL AMPLIFICATION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location RACK 2203-15 COLUMNS 47 & M Elevation 530'6"	Radiation (Rad)	4.3 E05
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR PROTECTION	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
Plant I.D. Number: TE-3-1290A-H Component: TEMPERATURE ELEMENT	Temperature (°F)	130	NOT REQD.	REF. (B)	NOT REQD.		
Manufacturer:	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
Model Number:	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
Purchase Order Number:	Chemical Spray	NA					
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
Location: SEE ATTACHED SHEETS	Submergence	NA					
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. THESE TEMPERATURE SWITCHES ARE USED FOR LEAK DETECTION IN THE RWCU ROOM CONDITIONS ARE NON-HARSH. IMMEDIATELY FOLLOWING A LEAK THE TEMPERATURE WILL INCREASE AS SOON AS THE LEAK OCCURS THE SWITCHES WILL FUNCTION, INITIATING SYSTEM ISOLATION. THIS WILL OCCUR WITHIN ONE MINUTE.	

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### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY BECHTEL RADIATION STUDY. D. REPORT SECTION 4.3.6</p>	

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290A Component: TEMPERATURE ELEMENT	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290B Component: TEMPERATURE ELEMENT	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290C Component: TEMPERATURE ELEMENT	Temperature (*F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RWCU ROOM	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RWCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290D Component: TEMPERATURE ELEMENT	Temperature (*F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RWCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RWCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290E Component: TEMPERATURE ELEMENT	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RWCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RWCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290F Component: TEMPERATURE ELEMENT	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RWCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RWCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290G Component: TEMPERATURE ELEMENT	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	1 MINUTE
Plant I.D. Number: TE-3-1290H Component: TEMPERATURE ELEMENT	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LEAK DETECTION FOR RCU ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RCU ROOM	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: 3-1401A&B Component: PUMP-MOTOR DRIVEN  Manufacturer: GENERAL ELECTRIC  Model Number: 5106338XC23A 5K6637XC71A Purchase Order Number: GE-92081 SPEC 21A5580 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7		REF. (B)			
	Relative Humidity (%)	100		REF. (B)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.0 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. GE TEST REPORT 22A4722 IS AVAILABLE BECHTEL TO VERIFY DATA

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: 3-1401A Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 5106338XC23A 5K6637XC71A Purchase Order Number: GE-92081 SPEC 21A5580	Relative Humidity (%)	100
Function/Service: CORE SPRAY INJECTION TO REACTOR-A LOOP	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	2.5 E06
Location SE CORNER ROOM	Aging	NOT REQD.
Elevation 476'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: 3-1401B Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 5106338XC23A 5K6637XC71A Purchase Order Number: SPEC 21A5580	Relative Humidity (%)	100
Function/Service: CORE SPRAY INJECTION TO REACTOR-B LOOP	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	3.0 E06
Location SW CORNER ROOM	Aging	NOT REQD.
Elevation 476'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: MO-3-1402-3A&B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-O-15  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	307	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	27.0	74.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E07		REF. (D)			SEE NOTE (3)
	Aging						SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. 338164-FC2485-01 TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR-BRAKE ASSEMBLY BOTH WITH CLASS B INSULATION UNDER SIMULATED REACTOR CONTAINMENT POST ACCIDENT STEAM AND CHEMICAL ENVIRONMENT. C. SPECIAL REPORT NO. 37, REV 1, FEB 1975	1. TEST CALLED OUT SATURATED ATMOSPHERE BUT HUMIDITY WAS NOT MEASURED DURING TEST. 2. UNIT OPERATED FIRST DAY. AFTER 6 DAYS IN STEAM ENVIRONMENT MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228 DEGREES F AT 5 PSIG. INVESTIGATE EXISTENCE OF MORE DATA. 3. INVESTIGATE EXISTENCE OF QUALIFICATION DATA

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
D. BECHTEL RADIATION STUDY	WITH MANUFACTURER.

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-3A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-O-15	Temperature (°F)	242
	Pressure (PSIA)	27.0
	Relative Humidity (%)	100
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: PUMP 3-1401-ASUCTION VALVE	Chemical Spray	NA
	Radiation (Rad)	3.2 E07
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location TOP OF TORUS	Submergence	NA
Elevation 491'5"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-3B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-O-15	Temperature (°F)	242
	Pressure (PSIA)	27.0
	Relative Humidity (%)	100
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: PUMP 3-1401-B SUCTION VALVE	Chemical Spray	NA
	Radiation (Rad)	3.2 E07
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location TOP OF TORUS	Submergence	NA
Elevation 491'5"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: MO-3-1402-4A&B Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE  Model Number:  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	27.0	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E07		REF. (D)		INDIVIDUAL TEST	SEE NOTE (3)
	Aging					INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 5.2.11 & 5.2.12 B. REPORT NO 338164-FC2485-01 TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR-BRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT C. SPECIAL REPORT NO 37, REV 1, FEB 1975	1. UNIT OPERATED FIRST DAY AFTER 6 MORE DAYS IN STEAM ENVIRONMENT MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS 228F AT 5 PSIG 2. TEST CALLED OUT SATURATED ATMOSPHERE BUT HUMIDITY WAS NOT MEASURED DURING TESTS

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Revision: 0  
Date: 04-11-80

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
D. BECHTEL RADIATION STUDY	3. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-4A Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	242
Model Number:	Pressure (PSIA)	27.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: PUMP 2-1401-A TEST RETURN VALVE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location TOP OF TORUS	Radiation (Rad)	3.2 E07
Elevation 509'5"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-4B Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	242
Model Number:	Pressure (PSIA)	27.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: PUMP 2-1401-B TEST RETURN VALVE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location TOP OF TORUS	Radiation (Rad)	3.2 E07
Elevation 512'3"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CORE SPRAY</b>  Plant I.D. Number: MO-3-1402-24A&B Component: <b>LIMITORQUE (RELIANCE)            AC MOTOR</b> Manufacturer: <b>LIMITORQUE</b>  Model Number:  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	6.3 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTANCE OF RADIATION QUALIFICATION DATA WITH MANUFACTURER

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 Revision 0  
 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-24A Component: LIMITORQUE (RELIANCE) AC MOTOR Manufacturer: LIMITORQUE	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: PUMP 3-1401-A	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location BETWEEN COL. 47&48 6'-0" S OF COL. H Elevation 554'6"	Radiation (Rad)	6.1 E05
	Aging	NOT REOD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-24B Component: LIMITORQUE (RELIANCE) AC MOTOR Manufacturer: LIMITORQUE	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: PUMP 3-1401-B	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location BETWEEN COL. 47&48 ALONG COL. M Elevation 554'6"	Radiation (Rad)	6.3 E05
	Aging	NOT REOD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: MO-3-1402-25A.B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: TYPE SMB-1  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	6.6 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF RADIATION QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-2-1402-25A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: TYPE SMB-1	Temperature (°F)	103
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT ISOLATION PUMP 2-1401-A DISCHARGE	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA Location 10'-0" E OF COL. 41 BETWEEN COL. L & M Elevation 560'6"	Chemical Spray	NA
	Radiation (Rad)	6.1 E05
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REOD.
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-25B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: TYPE SMB-1	Temperature (°F)	103
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT ISOLATION PUMP 3-1401-B DISCHARGE	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA Location NEAR COLUMN 47 BETWEEN COL. H & J Elevation 560'6"	Chemical Spray	NA
	Radiation (Rad)	6.6 E05
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REOD.
	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: MD-3-1402-38A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: TYPE SMB-000  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	250	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	39.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E07	2.0 E07	REF. (B)	REF. (B)	INDIVIDUAL TEST	SEE NOTE (2)
	Aging	NOT REOD.	NOT REOD.	REF. (D)	NOT REOD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975 B. 600461-B0003 QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTUATORS C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.2.6	1. ESTABLISH QUALIFICATION TEST TIME.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-38A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: TYPE SMB-000	Temperature (°F)	242
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: DIVERT FLOW TO RECIRCULATION LINE ON LOW FLOW FROM PUMP 3-1401-A	Pressure (PSIA)	27.0
Accuracy: Spec: NA Demo: NA	Relative Humidity (%)	100
Location TOP OF TORUS	Chemical Spray	NA
Elevation 509'-5"	Radiation (Rad)	3.2 E07
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REQD.
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: MO-3-1402-38B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: TYPE SMB-000	Temperature (°F)	242
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: DIVERT FLOW TO RECIRCULATION LINE ON LOW FLOW FROM PUMP 3-1401-B	Pressure (PSIA)	27.0
Accuracy: Spec: NA Demo: NA	Relative Humidity (%)	100
Location TOP OF TORUS	Chemical Spray	NA
Elevation 512'-3"	Radiation (Rad)	3.2 E07
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REQD.
	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: PT-3-1460A,B Component: PRESSURE TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K-1101 CAT. #1032EAAL1 Purchase Order Number: GE-H-0389  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.3 E06		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 5.2.11 & 5.2.12 B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: PUMP 3-1401-A Component: PRESSURE TRANSMITTER	Temperature (*F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-1101 CAT. #1032EAAL1 Purchase Order Number: GE-H-0389	Relative Humidity (%)	100
Function/Service: PUMP 3-1401-A DISCHARGE PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.3 E06
Location RACK 2203-19A SE CORNER ROOM Elevation 476'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: PUMP 3-1401-A Component: PRESSURE TRANSMITTER	Temperature (*F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-1101 CAT. #1032EAAL1 Purchase Order Number: GE-H-0389	Relative Humidity (%)	100
Function/Service: PUMP 3-1401-B DISCHARGE PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.3 E06
Location RACK 2203-19B SW CORNER ROOM Elevation 476'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CORE SPRAY</b>  Plant I.D. Number: FT-3-1461A,B Component: <b>FLOW TRANSMITTER</b>  Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number: 4532K-1101 CAT. #1032EAAL1 Purchase Order Number: GE-H-0422  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.3 E06		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 5.2.11 & 5.2.12 B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF RADIATION QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: FT-3-1461A Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-1101 CAT. #1032EAAL1 Purchase Order Number: GE-H10422	Relative Humidity (%)	100
Function/Service: PUMP 3-1401-A DISCHARGE FLOW, SEND SIGNAL TO FS-1464-A	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.3 E06
Location RACK 2203-19A SE CORNER ROOM Elevation 476'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: FT-3-1461B Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-1101 CAT. #1032EAAL1 Purchase Order Number: GE-H-0422	Relative Humidity (%)	100
Function/Service: PUMP 3-1401-B DISCHARGE FLOW, SEND SIGNAL TO FS-1464-B	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.3 E06
Location RACK 2203-19B SW CORNER ROOM Elevation 476'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CORE SPRAY  Plant I.D. Number: FS-3-1464A,B Component: FLOW SWITCH  Manufacturer: BARTON  Model Number: 288  Purchase Order Number: GE-H-0979  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)	1.3 E06		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY	1. GE TEST REPORT DV145C BECHTEL TO VERIFY DATA.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: FS-3-1464A Component: FLOW SWITCH	Temperature (°F)	150
Manufacturer: BARTON	Pressure (PSIA)	14.7
Model Number: 288	Relative Humidity (%)	100
Purchase Order Number: GE-H-0979	Chemical Spray	NA
Function/Service: MO-3-1402-38A ON LOW FLOW	Radiation (Rad)	1.3 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-19A SE CORNER ROOM Elevation 476' -6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	12 DAYS
Plant I.D. Number: FS-3-1464B Component: FLOW SWITCH	Temperature (°F)	150
Manufacturer: BARTON	Pressure (PSIA)	14.7
Model Number: 288	Relative Humidity (%)	100
Purchase Order Number: GE-H-0979	Chemical Spray	NA
Function/Service: MO-3-1402-38B ON LOW FLOW	Radiation (Rad)	1.3 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-19B SW CORNER ROOM Elevation 476' -6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CORE SPRAY</b>  Plant I.D. Number: PS-3-1466A,B,C,D Component: <b>PRESSURE SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						NA

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	
Plant I.D. Number: PS-3-1466A Component: PRESSURE SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Location Demo:	Aging	
Elevation	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	
Plant I.D. Number: PS-3-1466B Component: PRESSURE SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Location Demo:	Aging	
Elevation	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	
Plant I.D. Number: PS-3-1466C Component: PRESSURE SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CORE SPRAY	Operating Time	
Plant I.D. Number: PS-3-1466D Component: PRESSURE SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-3 Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-3-100  Purchase Order Number: 3447-141 SPEC. K-2205 Function/Service: STEAM TO TURBINE STOP VALVE  Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 485'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.0 E07		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-4 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-1-60  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: STEAM SUPPLY LINE INBOARD ISOLATION VALVE  Accuracy: Spec: NA Demo: NA Location: INSIDE DRYWELL NEAR 90 AZIMUTH Elevation: 576'0"	Operating Time	12 DAYS	16 DAYS	REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281	250	REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	39.7	REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100	100	REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.0 E08	2.0 E07	REF. (C)	REF. (B)	INDIVIDUAL TEST	
	Aging		165 F FOR 199.8 HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	SEE NOTE (1)
	Flood Level Elevation: 505' 6" Above Flood Level: Yes: X No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 AND TABLE 5.2.2 B. REPORT NO 600461-B0003, QUALIFICATION TYPE TEST REPORT FOR LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE CONTAINMENT C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER 2. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-5 Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-3-100  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: STEAM SUPPLY LINE ISOLATION VALVE  Accuracy: Spec: NA Demo: NA Location: ABOVE TORUS NEAR 90 AZMIUTH, PENX115A Elevation: 513'9"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMAL 103 HELB 242	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	NORMAL 14.7 HELB 27	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E07	1.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	SEE NOTE (3)
	Aging	NOT REQD.	185C FOR 100 HOURS		REF. (B)	INDIVIDUAL TEST	
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. REPORT NO 600426-B0009, QUALIFICATION TYPE TEST REPORT - LIMITORQUE DC VALVE ACTUATORS. ONLY THE MOTOR WAS THERMALLY AGED. LIMITORQUE USES THESE UNITS AT TEMPERATURES OF 300 F CONTINUOUSLY. THEREFORE AGING WAS CONSIDERED NECESSARY FOR THE MOTORS ONLY.	1. RESOLVE QUALIFICATION TEST TIME 2. TEST PROCEDURE REQUIRES A SATURATED ATMOSPHERE. BUT HUMIDITY WAS NOT MEASURED DURING THE TEST. 3. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>C. SPECIAL REPORT NO 37, REV 1, FEB 1975 D. BECHTEL RADIATION STUDY</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-6 Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-O-25  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: HPCI PUMP SUCTION VALVE FROM CONDENSATE STORAGE TANK  Accuracy: Spec: NA Demo: NA  Location: HPCI ROOM  Elevation: 480'0"	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.3 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-8 Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-3-80  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: HPCI PUMP DISCHARGE ISOLATION VALVE  Accuracy: Spec: NA Demo: NA Location: NEAR PEN X-107B  Elevation: 525'6"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (*F)	242	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	1.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	
	Aging	NOT REQD.	185C FOR 100 HOURS	REF. (E)	REF. (B)	INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. REPORT NO 600426-B0009, QUALIFICATION TYPE TEST REPORT - LIMITORQUE DC ACTUATORS. ONLY THE MOTOR WAS THERMALLY AGED. LIMITORQUE CORP USES THESE UNITS AT TEMPERATURES OF 300 F CONTINUOUSLY. THEREFORE AGING WAS CONSIDERED NECESSARY FOR THE MOTORS ONLY.	1. RESOLVE QUALIFICATION TEST TIME 2. THE TEST PROCEDURE CALLS OUT A SATURATED ATMOSPHERE, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST. 3. RESOLVE AGING REQUIREMENTS

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>C. SPECIAL REPORT NO 37, REV1, FEB 1975 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-9 Component: MOTOR-OPERATED GATE VALVE (DC) Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB.2-80  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: HPCI PUMP DISCHARGE VALVE  Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 490'3"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.7 E04		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.3 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MD-3-2301-10 Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-3-150  Purchase Order Number:  Function/Service: TEST RETURN LINE ISOLATION VALVE  Accuracy: Spec: NA Demo: NA  Location: HPCI ROOM  Elevation: 488'0"	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.4 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.3 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QULIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MD-3--2301-14 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE  Model Number: SMB-O-25  Purchase Order Number:  Function/Service: TEST RETURN LINE ISOLATION VALVE  Accuracy: Spec: NA Demo: NA Location: 9'0" S OF COL N 4'6" W OF COL 44 Elevation: 483'3"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT RE		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.4 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-15 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTORS Model Number: L210226T2-AT  Purchase Order Number:  Function/Service: TEST RETURN LINE ISOLATION VALVE  Accuracy: Spec: NA Demo: NA Location: HPCI PUMP ROOM  Elevation: 485'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (*F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.7 EO4		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-35 Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-O-25  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: HPCI PUMP SUCTION ISOLATION VALVE FROM TORUS  Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 480'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	5.9 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-48 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-000-5  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service:  Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 485'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.0 E07		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: MO-3-2301-49 Component: <b>MOTOR OPERATED GATE VALVE</b> Manufacturer: <b>LIMITORQUE</b>  Model Number:  Purchase Order Number:  Function/Service:   Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 485'0"	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	5.9 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: SO-3-2301-29 Component: SOLENOID VALVE  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: PILOT VALVE FOR STEAM LINE DRAIN ISOLATION VALVE  Accuracy: Spec: NA Demo: NA Location: HPCI PUMP ROOM  Elevation: 476' 0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: SO-3-2301-30 Component: <b>SOLENOID VALVE</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>PILOT VALVE FOR STEAM LINE DRAIN ISOLATION VALVE</b>  Accuracy: Spec: NA Demo: NA Location: <b>HPCI PUMP ROOM</b>  Elevation: <b>476' 0"</b>  Flood Level Elevation: NA Above Flood Level: Yes:    No:	Operating Time	1MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: SO-2-2301-32 Component: <b>SOLENOID VALVE</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>PILOT VALVE-ACTUATES CONDENSER DRAIN POT DRAIN VALVE</b>  Accuracy: Spec: Demo: Location: <b>HPCI PUMP ROOM</b>  Elevation: <b>476' 0"</b>	Operating Time		NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (*F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)		NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	NA
Flood Level Elevation: Above Flood Level: Yes:      No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-2301-36 Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-O-25  Purchase Order Number: 3447-141, SPEC K-2205 Function/Service: HPCI PUMP SUCTION VALVE  Accuracy: Spec: NA Demo: NA Location: SW CORNER ROOM  Elevation: 480'0"	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	150	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	14.7	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.3 E06		REF. (D)	REF. (B)	INDIVIDUAL TEST	
	Aging		180C FOR 100 HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. REPORT NO.600426-B0009, QUALIFICATION TYPE TEST REPORT-LIMITORQUE DC VALVE ACTUATORS. ONLY THE MOTOR WAS THERMALLY AGED. LIMITORQUE CORP. USES THESE UNITS AT TEMPERATURES OF 300F CONTINUOUSLY. THEREFORE, AGING WAS CONSIDERED NECESSARY FOR THE MOTOR ONLY.	1. RESOLVE QUALIFICATION TEST TIME. 2. TEST PROCEDURE REQUIRED SATURATED STEAM ATMOSPHERE BUT HUMIDITY WAS NOT MEASURED DURING THE TEST. 3. RESOLVE AGING REQUIREMENTS.

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>C. FSAR SECTION 6.2.3.2 D. BECHTEL RADIATION STUDY.</p>	



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: SO-3-2301-64 Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: CAT# HT8320  Purchase Order Number:  Function/Service: PILOT VALVE TO STEAM LINE CONDENSATE DRAIN VALVE TO SUPPRESSION CHAMBER  Accuracy: Spec: NA Demo: NA  Location: HPCI ROOM  Elevation: 478'0"  Flood Level Elevation: NA Above Flood Level: Yes:     No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: SO-3-2301-65 Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: CAT# HT8320  Purchase Order Number:  Function/Service:   Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 478'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4:3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: SV12 Component: TURBINE STOP VALVE  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: ISOLATE HPCI TURBINE  Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 485'0"  Flood Level Elevation: NA Above Flood Level: Yes:    No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.2 E07		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number:  Component: TURBINE GLAND SEAL CONDENSER DRAIN PUMP Manufacturer: GENERAL ELECTRIC  Model Number: 5B225A3525  Purchase Order Number:  Function/Service:     Accuracy: Spec: NA Demo: NA  Location: HPCI ROOM  Elevation: 472'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	7.4 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: SEE ATTACHED SHEETS Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON  Model Number:  Purchase Order Number: GE H0705  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-2352 Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: GE H0705	Relative Humidity (%)	100
Function/Service: HPCI STEAM LINE DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.2 E05
Location RACK 2203-28 COLUMNS 45 & M Elevation 517'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-2353 Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: GE H0705	Relative Humidity (%)	100
Function/Service: HPCI STEAM LINE DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.2 E05
Location RACK 2203-28 COLUMNS 45&M Elevation 517'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: NONE Component: <b>MOTOR SPEED CHANGER</b>  Manufacturer: <b>G. E. GEAR</b>  Model Number: <b>TYPE M-304-A</b> <b>SN. 138347</b> Purchase Order Number:  Function/Service: <b>CONTROL HPCI TURBINE SPEED</b>  Accuracy: Spec: Demo:  Location: <b>HPCI ROOM</b>  Elevation: <b>476'6"</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.2 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: FT-3-2358 Component: FLOW TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K13001  Purchase Order Number: GE H0950  Function/Service: HPCI PUMP DISCHARGE FLOW TRANSMITTER  Accuracy: Spec: Demo:  Location: RACK 2203-29 SW CORNER ROOM Elevation: 476'6"	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.1 E06		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes:      No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: PT-3-2359 Component: PRESSURE TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K11001  Purchase Order Number: GE H0950 CAT 50-551032GAAK1 Function/Service: TRANSMIT SIGNAL TO PRESSURE SWITCH  Accuracy: Spec: Demo:  Location: RACK 2203-29 SW CORNER ROOM Elevation: 476' 6"	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (2)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	NOT REQD.		
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.1 E06		REF. (C)			SEE NOTE (2)
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes:    No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	2. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: LSH-2-2369 Component: LEVEL SWITCH (HIGH)  Manufacturer: MAGNETROL  Model Number: 402-513H4  Purchase Order Number: GE H0804 SPEC 21A1136 Function/Service: CONTACT CLOSES ON HIGH DRAIN POT WATER LEVEL, OPENS SO 2301-32  Accuracy: Spec: Demo:  Location: HPCI PUMP ROOM  Elevation: 482'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: SEE ATTACHED SHEETS Component: TEMPERATURE SWITCH  Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E07		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2370A Component: TEMPERATURE SWITCH	Temperature (*F)	103
Manufacturer: UNITED ELECTRIC CONTROLS	Pressure (PSIA)	14.7
Model Number: TYPE F-7 76-B	Relative Humidity (%)	100
Purchase Order Number: GE H0752	Chemical Spray	NA
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE + CLOSES ISOLATION VALVES	Radiation (Rad)	1.6 E07
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location HPCI ROOM	Submergence	NA
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2370B Component: TEMPERATURE SWITCH	Temperature (*F)	103
Manufacturer: UNITED ELECTRIC CONTROLS	Pressure (PSIA)	14.7
Model Number: TYPE F-7 76-B	Relative Humidity (%)	100
Purchase Order Number: GE H0752	Chemical Spray	NA
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE + CLOSES ISOLATION VALVES	Radiation (Rad)	1.6 E07
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location HPCI ROOM	Submergence	NA
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2370C Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSING ON HIGH TEMPERATURE & CLOSING ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2370D Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSING ON HIGH TEMPERATURE & CLOSING ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2371A Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS	Pressure (PSIA)	14.7
Model Number: TYPE F-7 76-B	Relative Humidity (%)	100
Purchase Order Number: GE H0752	Chemical Spray	NA
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Radiation (Rad)	1.6 E07
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: HPCI ROOM	Submergence	NA
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2371B Component: TEMPERATURE SWITCH.	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS	Pressure (PSIA)	14.7
Model Number: TYPE F-7 76-B	Relative Humidity (%)	100
Purchase Order Number: GE H0752	Chemical Spray	NA
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Radiation (Rad)	1.6 E07
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: HPCI ROOM	Submergence	NA
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2371C	Temperature (°F)	103
Component: TEMPERATURE SWITCH	Pressure (PSIA)	14.7
Manufacturer: UNITED ELECTRIC CONTROLS	Relative Humidity (%)	100
Model Number: TYPE F-7 76-B	Chemical Spray	NA
Purchase Order Number: GE H0752	Radiation (Rad)	1.6 E07
Function/Service: CONTACT CLOSSES ON HIGH TEMPERATURE & CLOSSES ISOLATION VALVES	Aging	NOT REQD.
Accuracy: Spec: Demo:	Submergence	NA
Location HPCI ROOM		
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2371D	Temperature (°F)	103
Component: TEMPERATURE SWITCH	Pressure (PSIA)	14.7
Manufacturer: UNITED ELECTRIC CONTROLS	Relative Humidity (%)	100
Model Number: TYPE F-7 76-B	Chemical Spray	NA
Purchase Order Number: GE H0752	Radiation (Rad)	1.6 E07
Function/Service: CONTACT CLOSSES ON HIGH TEMPERATURE & CLOSSES ISOLATION VALVES	Aging	NOT REQD.
Accuracy: Spec: Demo:	Submergence	NA
Location HPCI ROOM		
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2372A Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSES, ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH TEMPERATURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2372B Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2372C Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSING ON HIGH TEMPERATURE & CLOSING ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2372D Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSING ON HIGH TEMPERATURE & CLOSING ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH TEMPERATURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2373A Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS	Pressure (PSIA)	14.7
Model Number: TYPE F-7 76-B	Relative Humidity (%)	100
Purchase Order Number: GE H0752	Chemical Spray	NA
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Radiation (Rad)	1.6 E07
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location HPCI ROOM	Submergence	NA
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH TEMPERATURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2373B Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS	Pressure (PSIA)	14.7
Model Number: TYPE F-7 76-B	Relative Humidity (%)	100
Purchase Order Number: GE H0752	Chemical Spray	NA
Function/Service: CONTACT CLOSE ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Radiation (Rad)	1.6 E07
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location HPCI ROOM	Submergence	NA
Elevation 483'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH TEMPERATURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2373C Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH TEMPERATURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TS-3-2373D Component: TEMPERATURE SWITCH	Temperature (°F)	103
Manufacturer: UNITED ELECTRIC CONTROLS Model Number: TYPE F-7 76-B Purchase Order Number: GE H0752	Pressure (PSIA)	14.7
Function/Service: CONTACT CLOSES ON HIGH TEMPERATURE & CLOSES ISOLATION VALVES	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location HPCI ROOM	Radiation (Rad)	1.6 E07
Elevation 483'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: PT-3-2382 Component: PRESSURE TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K11001  Purchase Order Number: GE H0950  Function/Service: TRANSMIT SIGNAL TO PRESSURE SWITCH  Accuracy: Spec: Demo:  Location: RACK 2203-29 SW CORNER ROOM Elevation: 476'6"	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.1 E06		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number:  Component: <b>MOTOR GEAR UNIT</b>  Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number: <b>5CD14D19A111620</b>  Purchase Order Number:  Function/Service: <b>HPCI PUMP TORQUE SPEED CONTROL</b>  Accuracy: Spec: NA Demo: NA  Location: <b>HPCI ROOM</b>  Elevation: <b>483'0"</b>  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.2 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number:  Component: EMERGENCY OIL PUMP MOTOR DRIVEN Manufacturer: GENERAL ELECTRIC  Model Number: 5CD218E252  Purchase Order Number:  Function/Service: PROVIDE LUBRICATING OIL TO TURBINE  Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 476'6"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number:  Component: <b>AUXILIARY OIL PUMP</b>  Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number: <b>5CB326E765</b>  Purchase Order Number:  Function/Service: <b>PROVIDE LUBRICATING OIL TO TURBINE</b>  Accuracy: Spec: NA Demo: NA  Location: <b>HPCI ROOM</b>  Elevation: <b>476'6"</b>  Flood Level Elevation: NA Above Flood Level: Yes:    No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number:  Component: GLAND STEAM EXHAUSTER FAN Manufacturer: GENERAL ELECTRIC  Model Number: 5BC74AV2193  Purchase Order Number:  Function/Service:     Accuracy: Spec: NA Demo: NA Location: HPCI ROOM  Elevation: 476'6"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)			
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: TE-3-2374A,B,C,D Component: TEMPERATURE ELEMENT  Manufacturer: SCAM  Model Number: 855-1  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TE-3-2374A Component: TEMPERATURE ELEMENT	Temperature (°F)	
Manufacturer: SCAM	Pressure (PSIA)	
Model Number: 855-1	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TE-3-2374B Component: TEMPERATURE ELEMENT	Temperature (°F)	
Manufacturer: SCAM	Pressure (PSIA)	
Model Number: 855-1	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TE-3-2374C Component: TEMPERATURE ELEMENT	Temperature (°F)	
Manufacturer: SCAM	Pressure (PSIA)	
Model Number: 855-1	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: TE-3-2374D Component: TEMPERATURE ELEMENT	Temperature (°F)	
Manufacturer: SCAM	Pressure (PSIA)	
Model Number: 855-1	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: PS-3-2389A,B,C,D Component: PRESSURE SWITCH  Manufacturer: BARKSDALE  Model Number: B2T-12SS-GE  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 AND 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: PS-3-2389A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-12SS-GE	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	3.2 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-28 COLUMNS 45 & M Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: PS-3-2389B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-12SS-GE	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	3.2 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-28 COLUMNS 45 & M Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: PS-3-2389C Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-12SS-GE	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	3.2 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-28 COLUMNS 45 & M Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	12 DAYS
Plant I.D. Number: PS-3-2389D Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-12SS-GE	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	3.2 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-28 COLUMNS 45 & M Elevation 517'0"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: POS-3-2301-29 Component: <b>POSITION SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Location: Demo:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (*F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

Component Sheet No: 91  
 Revision  
 Date

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: POS-3-2301-30 Component: <b>POSITION SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.



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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: POS-3-2301-64 Component: POSITION SWITCH  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: POS-3-2301-65 Component: POSITION SWITCH  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes:    No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: 3-2386 Component: HPCI MOTOR CONTROL SIGNAL CONVERTER Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: PS-3-2360 Component: PRESSURE SWITCH  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: LS-3-2351A,B Component: <b>LEVEL SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: LS-3-2351A Component: LEVEL SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: LS-3-2351B Component: LEVEL SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: FS-3-2354 Component: FLOW SWITCH  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (*F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: PS-3-2368A,B Component: <b>PRESSURE SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.



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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: PS-3-2368A Component: PRESSURE SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: PS-3-2368B Component: PRESSURE SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: HIGH PRESSURE COOLANT INJECTION  Plant I.D. Number: LS-LCS-1 Component: LEVEL SWITCH  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>HIGH PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: LS-2/3-2350A,B,C,D Component: <b>LEVEL SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: L-2/3-2350A	Temperature (°F)	
Component: LEVEL SWITCH	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: L-2/3-2350B	Temperature (°F)	
Component: LEVEL SWITCH	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: L-2/3-2350C Component: LEVEL SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: HIGH PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: L-2/3-2350D Component: LEVEL SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: AUTO DEPRESSURIZATION MAIN STEAM  Plant I.D. Number: AO-3-203-1&2A-D Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.  Model Number: C5512  Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	10.5 SECONDS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray			REF. (C)			SEE NOTE (1)
	Radiation (Rad)	5.8 E04		REF. (D)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.7.2.D B. FSAR FIGURES 5.2.11&5.2.12&FSAR TABLE 5.2.1 C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	CONTINUOUS
Plant I.D. Number: AO-3-203-1A Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 150 LOCA 281
Model Number: C5512	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR INBOARD MSIV ON A STEAM LINE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	DEMIN WATER
Location INSIDE DRYWELL NEAR O AZIMUTH Elevation 515'6"	Radiation (Rad)	5.8 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-1B Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 150 LOCA 281
Model Number: C5512	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR INBOARD MSIV ON B STEAM LINE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	DEMIN WATER
Location INSIDE DRYWELL NEAR O AZIMUTH Elevation 515'6"	Radiation (Rad)	5.8 E04
Flood Level Elevation: 505'6" Above Flood Level: Yes: No:	Aging	
	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-1C Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Model Number: C5512	Relative Humidity (%)	100
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR INBOARD MSIV ON C STEAM LINE	Chemical Spray	DEMIN WATER
	Radiation (Rad)	5.8 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location INSIDE DRYWELL NEAR O AZIMUTH Elevation 515'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-1D Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Model Number: C5512	Relative Humidity (%)	100
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE D	Chemical Spray	DEMIN WATER
	Radiation (Rad)	5.8 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location INSIDE DRYWELL NEAR O AZIMUTH Elevation 515'6"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-2A Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 120 HELB 242
Model Number: C5512	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR OUTBOARD MSIV ON A STEAM LINE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-2B Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 120 HELB 242
Model Number: C5512	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR OUTBOARD MSIV ON B STEAM LINE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-2C Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 120 HELB 242
Model Number: C5512	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR OUTBOARD MSIV ON C STEAM LINE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SECONDS
Plant I.D. Number: AO-3-203-2D Component: MSIV AND SOLENOID FOR AIR OPERATOR Manufacturer: AUTOMATIC VALVE CO.	Temperature (°F)	NORMAL 120 HELB 242
Model Number: C5512	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE H-0049 SPEC 21A5644AB Function/Service: PILOT SOLENOID VALVE FOR OUTBOARD MSIV ON D STEAM LINE	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>AUTO DEPRESSURIZATION MAIN STEAM</b>  Plant I.D. Number: 3-203-3A Component: <b>SAFETY RELIEF VALVE AND SOLENOID</b> Manufacturer: <b>DRESSER INDUSTRIES</b>  Model Number: C5450-5  Purchase Order Number: GE H-0270 SPEC 21A5482 Function/Service: <b>SAFETY RELIEF VALVE FOR REACTOR PRESSURE VESSEL</b>  Accuracy: Spec: Demo:  Location: <b>INSIDE DRYWELL ON A MAIN STEAM LINE</b> Elevation: 539'0"  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)		SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281	300	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	NORMAL 14.7 LOCA 63	76.7	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (3)
	Radiation (Rad)	1.0 E08		REF. (D)			SEE NOTE (3)
	Aging						SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11&5.2.12&FSAR TABLE 5.2.1 B. PEP#42963 PROJECT ENGINEER PROGRAM TEST-DRESSER RELIEF VALVE ACTUATOR. C. FSAR SECTION 6.2.4.2.B. D. BECHTEL RADIATION STUDY.	1. RESOLVE QUALIFICATION TEST TIME 2. RESOLV HUMIDITY DURING TEST 3. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>AUTO DEPRESSURIZATION MAIN STEAM</b>  Plant I.D. Number: 3-203-3B-E Component: <b>ELECTROMATIC RELIEF VALVE AND SOLENOID</b> Manufacturer: <b>DRESSER INDUSTRIES</b>  Model Number: TYPE 1525VX  Purchase Order Number: GE H-0270 SPEC 21A5482 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS		REF. (A)		SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMA 150 LOCA 281	300	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	NORMAL 14.7 LOCA 63	62	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100			REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (2)
	Radiation (Rad)	1.0 E08		REF. (D)			SEE NOTE (2)
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11&5.2.12&FSAR TABLE 5.2.1 B. PEP#42963 PROJECT ENGINEER PROGRAM TEST-DRESSER RELIEF VALVE ACTUATOR. C. FSAR SECTION 6.2.4.2.B. D. BECHTEL RADIATION STUDY.	1. RESOLVE QUALIFICATION TEST TIME 2. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Revision 0  
Date: 04-11-80

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	12 DAYS
Plant I.D. Number: 3-203-3B Component: ELECTROMATIC RELIEF VALVE AND SOLENOID Manufacturer: DRESSER INDUSTRIES	Temperature (*F)	NORMAL 150 LOCA 281
Model Number: TYPE 1525VX	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Purchase Order Number: TYPE 1525VX	Relative Humidity (%)	100
Function/Service: RELIEF VALVE FOR REACTOR PRESSURE VESSEL	Chemical Spray	DEMIN WATER
Accuracy: Spec: Demo:	Radiation (Rad)	1.0 E08
Location INSIDE DRYWELL ON B MAIN STEAM LINE Elevation 539'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	12 DAYS
Plant I.D. Number: 3-203-3C Component: ELECTROMATIC RELIEF VALVE AND SOLENOID Manufacturer: DRESSER INDUSTRIES	Temperature (*F)	NORMAL 150 LOCA 281
Model Number: TYPE 1525VX	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Purchase Order Number: TYPE 1525VX	Relative Humidity (%)	100
Function/Service: RELIEF VALVE FOR REACTOR PRESSURE VESSEL	Chemical Spray	DEMIN WATER
Accuracy: Spec: Demo:	Radiation (Rad)	1.0 E08
Location INSIDE DRYWELL ON C MAIN STEAM LINE Elevation 539'0"	Aging	
Flood Level Elevation: 505'6" Above Flood Level: Yes: No:	Submergence	NA

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## EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	12 DAYS
Plant I.D. Number: 3-203-3D Component: ELECTROMATIC RELIEF VALVE AND SOLENOID Manufacturer: DRESSER INDUSTRIES	Temperature (*F)	NORMAL 150 LOCA 281
Model Number: TYPE 1525VX	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Purchase Order Number: TYPE 1525VX	Relative Humidity (%)	100
Function/Service: RELIEF VALVE FOR REACTOR PRESSURE VESSEL	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.0 EOB
Location INSIDE DRYWELL ON D MAIN STEAM LINE	Aging	
Elevation 539'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	12 DAYS
Plant I.D. Number: 3-203-3E Component: ELECTROMATIC RELIEF VALVE AND SOLENOID Manufacturer: DRESSER INDUSTRIES	Temperature (*F)	NORMAL 150 LOCA 281
Model Number: TYPE 1525VX	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number: TYPE 1525VX	Relative Humidity (%)	100
Function/Service: RELIEF VALVE FOR REACTOR PRESSURE VESSEL	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.0 EOB
Location INSIDE DRYWELL ON B MAIN STEAM LINE	Aging	
Elevation 539'0"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>AUTO DEPRESSURIZATION MAIN STEAM</b>  Plant I.D. Number: MO-3-220-1 Component: <b>MOTOR OPERATED GLOBE VALVE</b> Manufacturer: LIMITORQUE (RELIANCE)  Model Number: SMB-00-7.5 SN. 73861A Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>MAIN STEAM LINE DRAIN CONTAINMENT ISOLATIO VALVE</b>  Accuracy: Spec: NA Demo: NA Location: INSIDE DRYWELL NEAR O AZIMUTH Elevation: 515'0"  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE	16 DAYS	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Temperature (*F)	NORMAL 150 LOCA 281	250	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63	39.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100	100		REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	DEMIN WATER		REF. (D)			
	Radiation (Rad)	3.3 E06	2E07	REF. (E)	REF. (B)	INDIVIDUAL TEST	SEE NOTE (2)
	Aging		165F 199.8HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 600461-B0003 QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTUATORS FOR CLASS 1E SERVI-CE OUTSIDE PRIMARY CONTAINMENT. C. FSAR FIGURES 5.2.11 & 5.2.12 D. FSAR SECTION 6.2.4.2.B. E. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER. 2. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>AUTO DEPRESSURIZATION MAIN STEAM</b>  Plant I.D. Number: MO-3-220-2 Component: <b>MOTOR OPERATED GLOBE VALVE</b> Manufacturer: LIMITORQUE(RELIANCE A  Model Number: SMB-00-7.5  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>MAIN STEAM LINE DRAIN CONTAINMENT ISOLATIO VALVE</b>  Accuracy: Spec: NA Demo: NA Location: <b>STEAM TUNNEL NEAR DRYWELL PENETRATION</b> Elevation:	Operating Time	1 MINUTE	16 DAYS	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Temperature (°F)	NORMAL 120 LOCA 281	250	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63	39.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	DEMIN WATER		REF. (D)			SEE NOTE (1)
	Radiation (Rad)		2E07	REF. (E)	REF. (B)	INDIVIDUAL TEST	
	Aging		165F 199.8HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	NA
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 600461-80003 QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTUATORS FOR CLASS 1E SERVI-CE OUTSIDE PRIMARY CONTAINMENT. C. FSAR FIGURES 5.2.11 & 5.2.12 D. FSAR SECTION 6.2.4.2.B. E. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER. 2. RESOLVE AGING REQUIREMENTS.



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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>AUTO DEPRESSURIZATION MAIN STEAM</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>DIFFERENTIAL PRESSURE INDICATING SWITCH</b> Manufacturer: <b>BARTON</b>  Model Number: <b>278/224</b>  Purchase Order Number: <b>GE H-0953  SPEC 21A1155AC</b> Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	<1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04		REF. (C)			
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THESE SENSORS ARE UTILIZED TO DETECT A MAIN STEAM LINE BREAK BY- MEASURING HIGH STEAM LINE FLOW. AS SOON AS A STEAM LINE BREAK OCCURS, THE SENSORS DETECT HIGH STEAM LINE-FLOW & THEIR FUNCTION IS COMPLETED. ONE MINUTE WAS CONSERVATIVELY ASSUMED. B. FSAR SECTION 6.2.3.2.	

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
C. BECHTEL RADIATION STUDY.	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	150
Model Number: 278/224	Pressure (PSIA)	14.7
Purchase Order Number: GE H0953 SPEC 21A1155AC Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: SW CORNER ROOM	Radiation (Rad)	<1.0 E04
Elevation 491'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	150
Model Number: 278/224	Pressure (PSIA)	14.7
Purchase Order Number: GE H0953 SPEC 21A1155AC Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: SW CORNER ROOM	Radiation (Rad)	<1.0 E04
Elevation 491'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2C	Temperature (*F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2D	Temperature (*F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2E	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2F	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM  Plant I.D. Number: DPIS-3-261-2G Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON  Model Number: 278/224  Purchase Order Number: GE H0953 SPEC 21A1155AC Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL  Accuracy: Spec: Demo:  Location SW CORNER ROOM  Elevation 491'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	<1 MINUTE
	Temperature (°F)	150
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM  Plant I.D. Number: DPIS-3-261-2H Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON  Model Number: 278/224  Purchase Order Number: GE H0953 SPEC 21A1155AC Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL  Accuracy: Spec: Demo:  Location SW CORNER ROOM  Elevation 491'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	<1 MINUTE
	Temperature (°F)	150
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: -3-261-2I	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: Demo:	Aging	
Location SW CORNER ROOM	Submergence	NA
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2K	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: Demo:	Aging	
Location SW CORNER ROOM	Submergence	NA
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
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**EQUIPMENT QUALIFICATION REPORT**

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2L	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2M	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2N	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2P	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	1 MINUTE
Plant I.D. Number: DPIS-3-261-2R	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: DPIS-3-261-2S	Temperature (°F)	150
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number: 278/224	Chemical Spray	NA
Purchase Order Number: GE H0953 SPEC 21A1155AC	Radiation (Rad)	<1.0 E04
Function/Service: STEAM LINE HIGH FLOW SENSOR & TRIP SIGNAL	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location SW CORNER ROOM		
Elevation 491'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>AUTO DEPRESSURIZATION MAIN STEAM</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>TEMPERATURE SWITCH</b>  Manufacturer: <b>UNITED ELECTRIC</b>  Model Number: <b>TYPE F7  MODEL 76B</b> Purchase Order Number: <b>GE H-1398  CATALOG T-4 REV A</b> Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	<1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HEL B 27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THESE SESORS ARE UTILIZED TO DETECT A MAIN STEAM LINE BREAK IN THE STEAM TUNNEL BY MEASURING INCREASED TEMPERATURE. AS SOON AS A STEAM LINE B. FSAR SECTION 10.11 AND SPECIAL REPORT NO.37 REV. 1 ,FEB .1975. C. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	1 MINUTE
Plant I.D. Number: TS-2-261-16B Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 LOCA 281
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A	Relative Humidity (%)	100
Function/Service: MAIN STEAM LINE LEAK DETECTION	Chemical Spray	
	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL	Submergence	
Elevation 537'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-15A Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A	Relative Humidity (%)	100
Function/Service: MAIN STEAM LINE LEAK DETECTION	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL	Submergence	
Elevation 529'6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM  Plant I.D. Number: TS-3-261-15B Component: TEMPERATURE SWITCH  Manufacturer: UNITED ELECTRIC  Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4,REV A Function/Service: MAIN STEAM LINE LEAK DETECTION  Accuracy:    Spec: Demo:  Location STEAM TUNNEL  Elevation 529'6"	Operating Time  Temperature (°F)  Pressure (PSIA)  Relative Humidity (%)  Chemical Spray  Radiation (Rad)  Aging  Submergence	<1 MINUTE  NORMAL 120 HELB242  NORMAL 14.7 HELB27.0  100  NA  <1.0 E04    NA
Flood Level Elevation: NA Above Flood Level: Yes:    No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM  Plant I.D. Number: TS-3-261-15C Component: TEMPERATURE SWITCH  Manufacturer: UNITED ELECTRIC  Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4,REV A Function/Service: MAIN STEAM LINE LEAK DETECTION  Accuracy:    Spec: Demo:  Location STEAM TUNNEL  Elevation 529'6"	Operating Time  Temperature (°F)  Pressure (PSIA)  Relative Humidity (%)  Chemical Spray  Radiation (Rad)  Aging  Submergence	<1 MINUTE  NORMAL 120 HELB242  NORMAL 14.7 HELB27.0  100  NA  <1.0 E04    NA
Flood Level Elevation: NA Above Flood Level: Yes:    No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-15D Component: TEMPERATURE SWITCH	Temperature (*F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A	Relative Humidity (%)	100
Function/Service: MAIN STEAM LINE LEAK DETECTION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location STEAM TUNNEL	Aging	
Elevation 529'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-16A Component: TEMPERATURE SWITCH	Temperature (*F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A	Relative Humidity (%)	100
Function/Service: MAIN STEAM LINE LEAK DETECTION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location STEAM TUNNEL	Aging	
Elevation 537'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-16C Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA
Accuracy: Spec: Demo: Location STEAM TUNNEL Elevation 537'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-16D Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	
	Submergence	NA
Accuracy: Spec: Demo: Location STEAM TUNNEL Elevation 537'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-17A Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	
Accuracy: Spec: Demo: Location STEAM TUNNEL Elevation 539'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-17B Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	
Accuracy: Spec: Demo: Location STEAM TUNNEL Elevation 539'6"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-17C Component: TEMPERATURE SWITCH	Temperature (*F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL		
Elevation 539'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-17D Component: TEMPERATURE SWITCH	Temperature (*F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL		
Elevation 539'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-18A Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL	Submergence	NA
Elevation 519'6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-18B Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL	Submergence	NA
Elevation 519'6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	1 MINUTE
Plant I.D. Number: TS-3-261-18C Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL		
Elevation 519'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	<1 MINUTE
Plant I.D. Number: TS-3-261-18D Component: TEMPERATURE SWITCH	Temperature (°F)	NORMAL 120 HELB242
Manufacturer: UNITED ELECTRIC	Pressure (PSIA)	NORMAL 14.7 HELB27.0
Model Number: TYPE F7 MODEL 76B Purchase Order Number: GE H-1398 CATALOG T-4, REV A Function/Service: MAIN STEAM LINE LEAK DETECTION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL		
Elevation 519'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC		REF. (A)			SEE NOTE (1)
Plant I.D. Number: POS-3-203-1&2A-D Component:	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
Model Number:	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
Purchase Order Number:	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	5.8 EO4		REF. (D)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging						SEE NOTE (1)
Location: SEE ATTACHED SHEETS	Submergence	NA					
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.7.2(D) B. FSAR TABLE 5.2.1 & FSAR FIGURES 5.2.11 & 5.2.12 C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-1A Component:	Temperature (°F)	NORMAL PSO LOCA 281
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 LOCAL 63
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: POSITION INDICATION F VALVE AO-3-203-1A	Radiation (Rad)	5.8 E04
Accuracy: Spec: Demo:	Aging	
Location INSIDE DRYWELL NEAR O AZIMUTH Elevation 515'6"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-1B Component:	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 LOCAL 63
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: POSITION INDICATION F VALVE AO-3-203-1B	Radiation (Rad)	5.8 E04
Accuracy: Spec: Demo:	Aging	
Location INSIDE DRYWELL NEAR O AZIMUTH Elevation 515'6"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-1C Component:	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: POSITION INDICATION FOR AO-3-203-1-C	Radiation (Rad)	5.8 E04
Accuracy: Spec: Demo:	Aging	
Location INSIDE DRYWELL NEAR 0 AZIMUTH Elevation 515'6"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-1D Component:	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 LOCA 63
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: POSITION INDICATION FOR AO-3-203-1D	Radiation (Rad)	5.8 E04
Accuracy: Spec: Demo:	Aging	
Location INSIDE DRYWELL NEAR 0 AZIMUTH Elevation 515'6"	Submergence	
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

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Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION.	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-2A Component:	Temperature (°F)	NORMAL 120 HELB 242
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION FOR AO-3-203-2A	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-2B Component:	Temperature (°F)	NORMAL 150 HELB 242
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION FOR AO-3-203-2B	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-2C Component:	Temperature (°F)	NORMAL 150 HELB 242
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION FOR AO-3-203-2C	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: AUTO DEPRESSURIZATION MAIN STEAM	Operating Time	10.5 SEC
Plant I.D. Number: POS-3-203-2D Component:	Temperature (°F)	NORMAL 150 HELB 242
Manufacturer:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION FOR AO-3-203-2D	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	
Location STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation 515'6"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: SEE ATTACHED SHEETS	Operating Time						
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)						
Component:	Pressure (PSIA)						
Manufacturer:	Relative Humidity (%)						
Model Number:	Chemical Spray						
Purchase Order Number:	Radiation (Rad)						
Function/Service: SEE ATTACHED SHEETS	Aging						
Accuracy: Spec: Demo:	Submergence						
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Location Demo:	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Location Demo:	Submergence	
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: 3-A, B, C, D-1501-44 Component: PUMP-MOTOR DRIVEN  Manufacturer: GENERAL ELECTRIC  Model Number:  Purchase Order Number: 205H0834  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		NA			
	Relative Humidity (%)	100		REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04		REF. (B)			
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY	1. GE TEST REPORT 22A4722 AVAILABLE, BECHTEL TO VERIFY DATA 2. RESOLVE AGING REQUIREMENTS.

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	LONG TERM INTERMITTANT
Plant I.D. Number: 3-A-1501-44 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 205H0834	Chemical Spray	NA
Function/Service: PUMP COOLING WATER TO CONTAINMENT COOLERS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location 5'0"N OF COL.D 5'0"E OF COL 49 Elevation 495'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: 3-B-1501-44 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 205H0834	Chemical Spray	NA
Function/Service: PUMP COOLING WATER TO CONTAINMENT COOLERS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location TURBINE BLDG CRIB HOUSE Elevation 495'0"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: 3-C-1501-44 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 205H0834	Chemical Spray	NA
Function/Service: PUMP COOLING WATER TO CONTAINMENT COOLERS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location TURBINE BLDG CRIB HOUSE Elevation 495' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: 3-D-1501-44 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 205H0834	Chemical Spray	NA
Function/Service: PUMP COOLING WATER TO CONTAINMENT COOLER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location TURBINE BLDG CRIB HOUSE Elevation 495' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: 3-A, B, C, D-1502 Component: PUMP-MOTOR DRIVEN  Manufacturer: GENERAL ELECTRIC  Model Number:  Purchase Order Number: GE HO179 SPEC 21A5735 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		REF. (A)			
	Relative Humidity (%)	100		REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.0 E06		REF. (B)			
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY	1. GE TEST REPORT 22A4722 AVAILABLE. BECHTEL TO VERIFY DATA. 2. RESOLVE AGING REQUIREMENT AND ESTABLISH QUALIFICATION DATA.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: 3-A-1502 Component: PUMP-MOTOR DRIVEN	Temperature (*F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: G.E. HO179 SPEC 21A5735 Function/Service: LOW PRESSURE COOLANT INJECTION TO REACTOR	Chemical Spray	NA
Accuracy: Spec: N/A Demo: N/A	Radiation (Rad)	2.1 E06
Location SE CORNER ROOM	Aging	
Elevation 476'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	
Plant I.D. Number: 3-B-1502 Component: PUMP-MOTOR DRIVEN	Temperature (*F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: G.E. HO179 SPEC 21A5735 Function/Service: LOW PRESSURE COOLANT INJECTION TO REACTOR	Chemical Spray	NA
Accuracy: Spec: N/A Demo: N/A	Radiation (Rad)	2.5 E06
Location SE CORNER ROOM	Aging	
Elevation 476'6"	Submergence	NA
Flood Level Elevation: \$NA Above Flood Level: Yes: No:		



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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: 3-C-1502 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: GE H0179 SPEC 21A5735 Function/Service: LOW PRESSURE COOLANT INJECTION TO REACTOR	Chemical Spray	NA
Accuracy: Spec: N/A Demo: N/A	Radiation (Rad)	3.0 E06
Location SW CORNER ROOM	Aging	
Elevation 476'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: 3-D-1502 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: GE H0179 SPEC21A5735 Function/Service: LOW PRESSURE COOLANT INJECTION TO REACTOR	Chemical Spray	NA
Accuracy: Spec: N/A Demo: N/A	Radiation (Rad)	2.6 E06
Location SW CORNER ROOM	Aging	
Elevation 476'6"	Submergence	NA
Flood Level Elevation: \$NA Above Flood Level: Yes: No:		

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Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: 3-1501-3A&B Component: <b>MOTOR OPERATED GLOBE VALVE</b> Manufacturer: <b>LIMITORQUE AC MOTORS</b>  Model Number:  Purchase Order Number: 3447-145 SPEC K-2213/K-2202 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS TEST	
	Temperature (°F)	150	250	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Pressure (PSIA)	14.7	39.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	4.4 E06	2.0 E07	REF. (C)	REF. (A)	INDIVIDUAL TEST	
	Aging		165 FOR 199.8 HOURS		REF. (A)	INDIVIDUAL TEST	SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO. 600461-B0003 QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTIVATORS FOR CLASS 1E SERVICE OUTSIDE PRIMARY CONTAINMENT. B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-3A	Temperature (*F)	150
Component: MOTOR OPERATED GLOBE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE AC MOTORS	Relative Humidity (%)	100
Model Number:	Chemical Spray	NA
Purchase Order Number: 3447-145 SPEC K-2213/K-2202	Radiation (Rad)	4.4 E06
Function/Service: CONTAINMENT COOLING HEAT EXCHANGER 3A-1503 FLOW CONTROL VALVE, SERVICE WATER	Aging	
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location SE CORNER ROOM		
Elevation 490'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-3B	Temperature (*F)	150
Component: MOTOR OPERATED GLOBE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE AC MOTORS	Relative Humidity (%)	100
Model Number:	Chemical Spray	NA
Purchase Order Number: 3447-145 SPEC K-2213/K-2202	Radiation (Rad)	4.4 E06
Function/Service: CONTAINMENT COOLING HEAT EXCHANGER 3B-1503 FLOW CONTROL VALVE, SERVICE WATER OUTLET	Aging	
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location SW CORNER ROOM		
Elevation 490'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-1501-5A,B,C,D Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTORS Model Number: SMB-00-15  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS	SEE NOTE (1)
	Temperature (*F)	150	307	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	14.7	74.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	4.4 E06		REF. (C)			
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO 338164-FC2485-01 TEST OF LIMITORQUE VALVE OPERATOR AND MOTOR-BRAKE ASSEMBLY BOTH WITH CL B INSULATION UNDER SIMULATED REACTOR CONTAINMENT POST ACCIDENT STEAM AND CHEMICAL ENVIRONMENT. B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. UNIT OPERATED SATISFACTORILY ON FIRST DAY. AFTER 6 DAYS IN A STEAM ENVIRONMENT THE MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228 F AT 5 PSIG. TEST PROCEDURE CALLED OUT A SATURATED STEAM ENVIRONMENT, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST

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### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	2. RESOLVE AGING REQUIREMENTS.

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-5A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTORS Model Number: SMB-00-15	Temperature (°F)	150
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: LPCI PUMP 3-A-1502 SUCTION VALVE	Pressure (PSIA)	14.7
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location SE CORNER ROOM	Chemical Spray	NA
Elevation 480'0"	Radiation (Rad)	1.8 E06
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NOT REQD.

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-5B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTORS Model Number: SMB-00-15	Temperature (°F)	150
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: LPCI PUMP 3-B-1502 SUCTION VALVE	Pressure (PSIA)	14.7
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location SE CORNER ROOM	Chemical Spray	NA
Elevation 480'0"	Radiation (Rad)	3.0 E06
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-5C	Temperature (°F)	150
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE (PEERLESS) AC MOTORS	Relative Humidity (%)	100
Model Number: SMB-00-15	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	4.4 E06
Function/Service: LPCI PUMP 3-C-1502 SUCTION VALVE	Aging	
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location SW CORNER ROOM		
Elevation 480'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-5D	Temperature (°F)	150
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE (PEERLESS) AC MOTORS	Relative Humidity (%)	100
Model Number: SMB-00-15	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.3 E06
Function/Service: LPCI PUMP 3-D-1502 SUCTION VALVE	Aging	
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location SW CORNER ROOM		
Elevation 480'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-1501-11A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-1-40  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS TEST	
	Temperature (*F)	150	250	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Pressure (PSIA)	14.7	39.7	NA	REF. (A)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.1 E06	2.0 E07	REF. (C)	REF. (A)	INDIVIDUAL TEST	
	Aging		165 F FOR 199.8 HOURS		REF. (A)	INDIVIDUAL TEST	SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO 600461-B0003, QUALIFICATION TYPE TEST REPORT - LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. RESOLVE AGING REQUIREMENT



Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-11A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-1-40	Temperature (°F)	150
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: HEAT EXCHANGER 3-A-1503 BYPASS	Pressure (PSIA)	14.7
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location SE CORNER ROOM	Chemical Spray	NA
Elevation 487'0"	Radiation (Rad)	2.1 E06
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-11B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-1-40	Temperature (°F)	150
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: HEAT EXCHANGER 3-B-1503 BYPASS	Pressure (PSIA)	14.7
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location SW CORNER ROOM	Chemical Spray	NA
Elevation 487'0"	Radiation (Rad)	2.1 E06
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

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Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: MO-3-1501-13A,B Component: <b>MOTOR OPERATED GATE VALVE</b> Manufacturer: <b>LIMITORQUE (PEERLESS) AC MOTOR</b> Model Number: SMB-000-2  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (*F)	242	307	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	27.0	74.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.9 E07		REF. (C)			SEE NOTE (2)
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO 338164-FC2485-01, TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR BRAKE ASSEMBLY, UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT B. SPECIAL REPORT NO 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY	1. UNIT OPERATED SATISFACTORILY ON FIRST DAY, AFTER 6 DAYS IN A STEAM ENVIRONMENT THE MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228 F AT 5 PSIG. TEST PROCEDURE CALLED OUT A SATURATED STEAM ENVIRONMENT, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST

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Revision: 0  
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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket: 50-249

### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>2. INVESTIGATE EXISTENCE OF QUALIFICATION \$ DATA WITH MANUFACTURER.</p>

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-13A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-000-2	Temperature (°F)	242
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: LPCI MINIMUM FLOW SHUTOFF VALVE, A LINE	Pressure (PSIA)	27.0
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location TOP OF TORUS	Chemical Spray	NA
Elevation 485'0"	Radiation (Rad)	3.9 E07
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-13B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-000-2	Temperature (°F)	242
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: LPCI MINIMUM FLOW SHUTOFF VALVE, B LINE	Pressure (PSIA)	27.0
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location TOP OF TORUS	Chemical Spray	NA
Elevation 485'0"	Radiation (Rad)	3.9 E07
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

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 Facility: DRESDEN  
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## EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MD-3-1501-18A.B Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-00-10  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	307	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Pressure (PSIA)	27.0	74.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.3 E05		REF. (D)			SEE NOTE (2)
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 8.2.5 B. REPORT NO 338164-FC2485-01, TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR BRAKE ASSEMBLY, UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT C. SPECIAL REPORT NO 37, REV 1, FEB 1975 D. BECHTEL RADIATION STUDY	1. UNIT OPERATED SATISFACTORILY ON FIRST DAY. AFTER 6 DAYS IN A STEAM ENVIRONMENT THE MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228 F AT 5 PSIG. TEST PROCEDURE CALLED OUT A SATURATED STEAM ENVIRONMENT, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST

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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
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### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	2. INVESTIGATE EXISTENCE OF QUALIFICATIONS

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-18A Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-00-10	Temperature (*F)	242
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: TEST LINE A FLOW CONTROL VALVE	Pressure (PSIA)	27.0
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location TOP OF TORUS NEAR PEN X-311A Elevation 513'0"	Chemical Spray	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:	Radiation (Rad)	3.3 E05
	Aging	
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-188 Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-00-10	Temperature (*F)	242
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: TEST LINE B FLOW CONTROL VALVE	Pressure (PSIA)	27.0
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location TOP OF TORUS NEAR SW CORNER ROOM Elevation 513'0"	Chemical Spray	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:	Radiation (Rad)	3.3 E05
	Aging	
	Submergence	NA

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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: MO-3-1501-19A,B Component: <b>MOTOR OPERATED GATE VALVE</b> Manufacturer: <b>LIMITORQUE (PEERLESS) AC MOTOR</b> Model Number: SMB-000-5  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	307	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Pressure (PSIA)	27.0	74.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.3 E05		REF. (D)			SEE NOTE (2)
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 8.2.5 B. REPORT NO 338164-FC2485-01, TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR BRAKE ASSEMBLY, UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT C. SPECIAL REPORT NO 37, REV 1, FEB 1975 D. BECHTEL RADIATION STUDY	1. UNIT OPERATED SATISFACTORILY ON FIRST DAY, AFTER 6 DAYS IN A STEAM ENVIRONMENT THE MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228 F AT 5 PSIG. TEST PROCEDURE CALLED OUT A SATURATED STEAM ENVIRONMENT, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST



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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket: 50-249

### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	2. INVESTIGATE EXISTENCE OF QUALIFICATIONS WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-19A	Temperature (°F)	242
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR	Relative Humidity (%)	100
Model Number: SMB-000-5	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.3 E05
Function/Service: LPCI A TEST LINE SHUT OFF VALVE	Aging	
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location TOP OF TORUS NEAR PEN X-311A Elevation 513'9"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-19B	Temperature (°F)	242
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR	Relative Humidity (%)	100
Model Number: SMB-000-5	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.3 E05
Function/Service: LPCI B TEST LINE SHUTOFF VALVE	Aging	
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location TOP OF TORUS NEAR SW CORNER ROOM Elevation 513'9"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MD-3-1501-21A,B Component: MOTOR OPERATED STOP CHECK VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: #CONTINUOUS  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	1 MINUTE		NA		SIMULTANEOUS TEST	
	Temperature (°F)	242	250	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	39.7	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.9 E07	2.0 E07	REF. (C)			SEE NOTE (1)
	Aging		165 F FOR 199.8 HOURS				SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975 B. REPORT NO 600461-B0003, QUALIFICATION TYPE TEST REPORT - LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER. 2. RESOLVE AGING REQUIREMENT.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: MO-3-1501-21A,B Component: <b>MOTOR OPERATED STOP CHECK VALVE</b> Manufacturer: <b>LIMITORQUE (RELIANCE) AC MOTOR</b> Model Number: #CONTINUOUS  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		NA		SIMULTANEOUS TEST	
	Temperature (°F)	242	250	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	39.7	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.9 E07	2.0 E07	REF. (C)			SEE NOTE (1)
	Aging		165 F FOR 199.8 HOURS				SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975 B. REPORT NO 600461-B0003, QUALIFICATION TYPE TEST REPORT - LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER. 2. RESOLVE AGING REQUIREMENT.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-21A	Temperature (*F)	242
Component: MOTOR OPERATED STOP CHECK VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR	Relative Humidity (%)	100
Model Number: #CONTINUOUS	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.9 E07
Function/Service: LPCI INJECTION TO REACTOR, SHUTOFF VALVE, A LINE	Aging	
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location: EXTENDS ABOVE FLOOR SLAB NEAR PEN X-116A Elevation 518'6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-21B	Temperature (*F)	242
Component: MOTOR OPERATED STOP CHECK VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR	Relative Humidity (%)	100
Model Number: #CONTINUOUS	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.9 E07
Function/Service: LPCI INJECTION TO REACTOR, SHUTOFF VALVE, B LINE	Aging	
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location: EXTENDS ABOVE FLOOR SLAB NEAR PEN X-116B Elevation 518'6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-1501-22A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number:  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		NA	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	307	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (2)
	Pressure (PSIA)	27.0	74.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (2)
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.9 E07		REF. (C)			
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO 338164-FC2485-01, TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR BRAKE ASSEMBLY, UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT B. SPECIAL REPORT NO 37.REV 1, FEB 1975 C. BECHTEL RADIATION STUDY	1. UNIT OPERATED SATISFACTORILY ON FIRST DAY, AFTER 6 DAYS IN A STEAM ENVIRONMENT THE MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228 F AT 5 PSIG. TEST PROCEDURE CALLED OUT A SATURATED STEAM ENVIRONMENT, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST

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### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	2. RESOLVE AGING REQUIREMENT.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-22A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number:	Temperature (°F)	242
	Pressure (PSIA)	27.0
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	3.9 E07
	Aging	
	Submergence	NA
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE A LINE INJECTION TO REACTOR		
Accuracy: Spec: N/A Demo: N/A		
Location TOP OF TORUS NEAR PEN X-116A Elevation 513'9"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-22B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number:	Temperature (°F)	242
	Pressure (PSIA)	27.0
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	3.9 E07
	Aging	
	Submergence	NA
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE B LINE INJECTION TO REACTOR		
Accuracy: Spec: N/A Demo: N/A		
Location TOP OF TORUS NEAR PEN X-116B Elevation 513'9"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-1501-27A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-O-15  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:       No:	Operating Time	CONTINUOUS	NOT REQD	NA	NOT REQD		
	Temperature (°F)	103	NOT REQD	REF. (A)	NOT REQD		
	Pressure (PSIA)	14.7	NOT REQD	REF. (A)	NOT REQD		
	Relative Humidity (%)	100	NOT REQD	REF. (A)	NOT REQD		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION\$ DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-27A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-O-15	Temperature (°F)	103
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT SPRAY A LINE, FIRST OUTBOARD ISOLATION VALVE	Pressure (PSIA)	14.7
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location OUTSIDE DRYWELL NEAR PEN X-150A Elevation 527'0"	Chemical Spray	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:	Radiation (Rad)	1.6 E06
	Aging	NOT REQD.
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-27B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB-O-15	Temperature (°F)	103
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT SPRAY B LINE, FIRST OUTBOARD ISOLATION VALVE	Pressure (PSIA)	14.7
Accuracy: Spec: N/A Demo: N/A	Relative Humidity (%)	100
Location OUTSIDE DRYWELL NEAR PEN X-145 Elevation 548'0"	Chemical Spray	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:	Radiation (Rad)	1.4 E06
	Aging	NOT REQD.
	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-1501-28A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-O-15  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.3 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATIONS DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-28A	Temperature (°F)	103
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR	Relative Humidity (%)	100
Model Number: SMB-O-15	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	1.3 E06
Function/Service: CONTAINMENT SPRAY A LINE, SECOND OUTBOARD ISOLATION VALVE	Aging	NOT REQD.
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location OUTSIDE DRYWELL NEAR PEN X-150A Elevation 527'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-28B	Temperature (°F)	103
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR	Relative Humidity (%)	100
Model Number: SMB-O-15	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	1.3 E06
Function/Service: CONTAINMENT SPRAY B LINE, SECOND OUTBOARD ISOLATION VALVE	Aging	NOT REQD.
Accuracy: Spec: N/A Demo: N/A	Submergence	NA
Location OUTSIDE DRYWELL NEAR PEN X-145 Elevation 548'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: MO-3-1501-32A&B Component: <b>MOTOR OPERATED GATE VALVE</b> Manufacturer: LIMITORQUE(RELIANCE A  Model Number: SMB-1  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	150	250	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Pressure (PSIA)	14.7	39.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.3 E06	2.0 E07	REF. (C)	REF. (A)	INDIVIDUAL TEST	
	Aging		165 F FOR 199.8 HOURS		REF. (A)	INDIVIDUAL TEST	SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO. 600461-B0003 QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. DETERMINE TEST TIME. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-32A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE(RELIANCE A	Temperature (°F)	150
Model Number: SMB-1	Pressure (PSIA)	14.7
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: LPCI EQUALIZATION LINE SHUTOFF VALVE	Relative Humidity (%)	100
Accuracy: Spec: N/A Demo: N/A	Chemical Spray	NA
Location SE CORNER ROOM	Radiation (Rad)	2.3 E06
Elevation 497'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1501-32B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE(RELIANCE A	Temperature (°F)	150
Model Number: SMB-1	Pressure (PSIA)	14.7
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: LPCI EQUALIZATION LINE SHUTOFF VALVE	Relative Humidity (%)	100
Accuracy: Spec: N/A Demo: N/A	Chemical Spray	NA
Location SW CORNER ROOM	Radiation (Rad)	2.3 E06
Elevation 497'0"	Aging	
Flood Level Elevation: \$NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: POT-2-1501-3A&B Component: POSITION TRANSMITTER  Manufacturer: LIMITORQUE  Model Number: INTEGRAL WITH OPERATOR Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS#	SEE NOTE (1)
	Temperature (°F)	150	250	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	14.7	39.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100	100	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	4.4 E06		REF. (C)	REF. (A)	INDIVIDUAL TEST	SEE NOTE (2)
	Aging		165 F FOR 199.8 HOURS		REF. (A)	INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO. 600461-B0003 QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. RESOLVE QUALIFICATION TEST TIME. 2. INVESTIGATE EXISTENCE OF QUALIFICATIONS DATA WITH MANUFACTURER. 3. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: POT-3-1501-3A Component: POSITION TRANSMITTER	Temperature (°F)	150
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: INTEGRAL WITH OPERATOR	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION & CONTROL FOR VALVE MO-3-1501-3A	Radiation (Rad)	4.4 E06
Accuracy: Spec: Demo:	Aging	
Location SE CORNER ROOM	Submergence	
Elevation 490'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: POT-3-1501-3B Component: POSITION TRANSMITTER	Temperature (°F)	150
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: INTEGRAL WITH OPERATOR	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION A CONTROL FOR VALVE MO-3-1501-3B	Radiation (Rad)	4.4 E06
Accuracy: Spec: Demo:	Aging	
Location SW CORNER ROOM	Submergence	NA
Elevation 490'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: FT-3-1542A&B Component: FLOW TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K-13001  Purchase Order Number: GE H0950  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		NA	REF. (A)		SEE NOTE (1)
	Relative Humidity (%)	100		NA	REF. (A)		SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.5 E06		REF. (B)			SEE NOTE (1)
	Aging			REF. (C)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH THE MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FT-3-1542A Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-13001	Relative Humidity (%)	100
Purchase Order Number: G.E. H0950	Chemical Spray	NA-
Function/Service: FLOW INDICATION FOR CONTAINMENT COOLING SERVICE WATER A LINE	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19A SE CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FT-3-1542B Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-13001	Relative Humidity (%)	100
Purchase Order Number: G.E. H0950	Chemical Spray	NA
Function/Service: FLOW INDICATION FOR CONTAINMENT COOLING SERVICE WATER B LINE	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19B SW CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: \$NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: DPT-3-1543A&B Component: DIFFERENTIAL PRESSURE TRANSMITTER Manufacturer: BARTON  Model Number: 368  Purchase Order Number: GE H0950  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		NA	REF. (A)		SEE NOTE (1)
	Relative Humidity (%)	100		NA	REF. (A)		SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.5 E06		REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH THE MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: DPT-3-1543A Component: DIFFERENTIAL PRESSURE TRANSMITTER Manufacturer: BARTON	Temperature (°F)	150
Model Number: 368	Pressure (PSIA)	14.7
Purchase Order Number: G. E. H0950	Relative Humidity (%)	100
Function/Service: OPENS&CLOSES VALVE MO-3-1501-3A ON DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	2.5 E06
Location RACK 2202-19A SE CORNER ROOM Elevation	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: DPT-3-1543B Component: DIFFERENTIAL PRESSURE TRANSMITTER Manufacturer: BARTON	Temperature (°F)	150
Model Number: 368	Pressure (PSIA)	14.7
Purchase Order Number: G. E. H0950	Relative Humidity (%)	100
Function/Service: OPENS & CLOSES VALVE MO-3-1501-3B ON DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	2.5 E06
Location RACK 2202-19B SW CORNER ROOM Elevation	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: FT-3-1549A&B Component: FLOW TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K-13001  Purchase Order Number: GE H1227  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (*F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		NA	REF. (A)		SEE NOTE (1)
	Relative Humidity (%)	100		NA	REF. (A)		SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.5 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.					SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH THE MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FT-3-1549A Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-13001	Relative Humidity (%)	100
Purchase Order Number: G.E. H1227	Chemical Spray	NA
Function/Service: OUTPUT TO FLOW RECORDER IN CONTROL ROOM	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19A SE CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FT-3-1549B Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-13001	Relative Humidity (%)	100
Purchase Order Number: G.E. H1227	Chemical Spray	NA
Function/Service: OUTPUT TO FLOW RECORDER IN CONTROL ROOM	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19B SW CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LW PRESSURE COOLANT INJECTION  Plant I.D. Number: FT-3-1551A&B Component: FLOW TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: 4532K-13001  Purchase Order Number: GE HO950  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	REF. (A)	NA	NA	
	Radiation (Rad)	2.5 E06		REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FT-3-1551A Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-13001	Relative Humidity (%)	100
Purchase Order Number: G.E. H0950	Chemical Spray	NA
Function/Service: INDICATION OF SYSTEM FLOW(A LOOP) TO REACTOR IN CONTROL ROOM	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2202-19A SE CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FT-3-1551B Component: FLOW TRANSMITTER	Temperature (°F)	150
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 4532K-13001	Relative Humidity (%)	100
Purchase Order Number: G.E. H0950	Chemical Spray	NA
Function/Service: INDICATION OF SYSTEM FLOW (B LOOP) TO REACTOR IN CONTROL ROOM	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2202-19B SW CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
Component: PRESSURE SWITCH	Pressure (PSIA)	14.7		REF. (A)			SEE NOTE (1)
Manufacturer: STATIC-O-RING	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number: CAT 5N-AA3	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	2.5 E06		REF. (B)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging						SEE NOTE (1)
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554A Component: PRESSURE SWITCH	Temperature (*F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-A-1502  SWITCH	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19A SE CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554B Component: PRESSURE SWITCH	Temperature (*F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-5-1502  SWITCH	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19A SE CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554C Component: PRESSURE SWITCH	Temperature (°F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-C-1502	Radiation (Rad)	2.5 E06
SWITCH	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location RACK 2202-19B SW CORNER ROOM Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554D Component: PRESSURE SWITCH	Temperature (°F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-D-1502	Radiation (Rad)	2.5 E06
SWITCH	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location RACK 2202-19B SW CORNER ROOM Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554E Component: PRESSURE SWITCH	Temperature (°F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-A-1502	Radiation (Rad)	2.5 E06
SWITCH	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location RACK 2202-19A SE CORNER ROOM Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554F Component: PRESSURE SWITCH	Temperature (°F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-B-1502	Radiation (Rad)	2.5 E06
SWITCH	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location RACK 2202-19A SE CORNER ROOM Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554J Component: PRESSURE SWITCH	Temperature (°F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-D-1502  SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19B SW CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-1554H Component: PRESSURE SWITCH	Temperature (°F)	150
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: CAT 5N-AA3	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: LPCI PUMP 3-C-1502  SWITCH	Radiation (Rad)	2.5 E06
Accuracy: Spec: Demo:	Aging	
Location RACK 2202-19B SW CORNER ROOM Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: LOW PRESSURE COOLANT INJECTION  Plant I.D. Number: MO-3-1501-20A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-2-80  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	250	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	39.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	NA	REF. (A)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.9 E07	2.0 E07	REF. (C)		INDIVIDUAL TEST	SEE NOTE (2)
	Aging		165 F FOR 199.8 HOURS			INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO. 600461-B0003-QUALIFICATION TYPE TEST REPORT-LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. B. SPECIAL REPORT NO. 37, REV 1,FEB 1975 C. BECHTEL RADIATION STUDY	1. RESOLVE QUALIFICATION TEST TIME. 2. INVESTIGATE EXISTENCE OF ADDITIONAL\$ QUALIFICATION DATA WITH MANUFACTURER. 3. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-20A	Temperature (°F)	242
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR	Relative Humidity (%)	100
Model Number: SMB-2-80	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.9 E07
Function/Service: FIRST OUTBOARD CONTAINMENT ISOLATION VALVE FOR TORUS PENETRATION X-310A	Aging	
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location TOP OF TORUS NEAR PEN X-310A Elevation 509' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-20B	Temperature (°F)	242
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR	Relative Humidity (%)	100
Model Number: SMB-2-80	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.9 E07
Function/Service: FIRST OUTBOARD CONTAINMENT ISOLATION VALVE FOR TORUS PENETRATION X310B	Aging	
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location TOP OF TORUS NEAR PEN X-310B Elevation 509' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: MO-3-1501-38A&B Component: <b>MOTOR OPERATED GLOBE VALVE</b> Manufacturer: <b>LIMITORQUE (PEERLESS) AC MOTOR</b> Model Number: SMB-3  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS.</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	307	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (2)
	Pressure (PSIA)	27.0	74.7	REF. (B)	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (2)
	Relative Humidity (%)	100	100	NA	REF. (A)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO.338164-FC2485-01 TESTS LIMITORQUE VALVE OPERATOR AND MOTOR-BRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION, UNDER SIMULATED REACTOR CONTAINMENT POST ACCIDENT STEAM AND CHEMICAL ENVIRONMENT. B. FSAR SECTION 6.2.3.2 AND SPECIAL REPORT NO. 37, REV 1, FEB 1975	1. TEST CALLED OUT SATURATED STEAM BUT HUMIDITY WAS NOT MEASURED, FIRST DAY OF TEST, UNIT OPERATED SATISFACTORILY. AFTER SIX DAYS IN STEAM ENVIRONMENT, MOTOR OR BRAKE DID NOT FUNCTION. CHAMBER WAS AT 228F AT 5PSIG. ESTABLISH FURTHER DATA WITH MANUFACTURER.



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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
C. BECHTEL RADIATION STUDY.	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-38A	Temperature (°F)	242
Component: MOTOR OPERATED GLOBE VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR	Relative Humidity (%)	100
Model Number: SMB-3	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.9 E07
Function/Service: SECOND OUTBOARD CONTAINMENT ISOLATION VALVE FOR TORUS PENETRATION X-310A	Aging	
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location TOP OF TORUS NEAR PEN X-116A Elevation 513'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: MO-3-1501-38B	Temperature (°F)	242
Component: MOTOR OPERATED GLOBE VALVE	Pressure (PSIA)	27.0
Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR	Relative Humidity (%)	100
Model Number: SMB-3	Chemical Spray	NA
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	3.9 E07
Function/Service: SECOND OUTBOARD CONTAINMENT ISOLATION VALVE FOR TORUS PENETRATION X-310B	Aging	
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location TOP OF TORUS NEAR PEN X-116B Elevation 513'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>LOW PRESSURE COOLANT INJECTION</b>  Plant I.D. Number: <b>FS-3-1501-58A,B</b> Component: <b>FLOW SWITCH</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS					SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)	SEE NOTE (1)					SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FS-3-1501-58A Component: FLOW SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: MONITOR PUMP FLOW	Radiation (Rad)	
Accuracy: Spec: Location Demo:	Aging	
Elevation	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: LOW PRESSURE COOLANT INJECTION	Operating Time	CONTINUOUS
Plant I.D. Number: FS-3-1501-58B Component: FLOW SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: MONITOR PUMP FLOW	Radiation (Rad)	
Accuracy: Spec: Location Demo:	Aging	
Elevation	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>POSITION SWITCH</b>  Manufacturer: <b>NAMCO</b> <b>SNAP-LOCK</b> Model Number: <b>MARK II-D1200G</b>  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1 E05		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO. 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER. 2. RESOLVE AGING REQUIREMENTS

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-1601-20A Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	27.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-20A	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.1 E05
Location TOP OF TORUS	Aging	
Elevation 513'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	12 DAYS
Plant I.D. Number: POS-3-1601-20B Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	27.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-20B	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.1 E05
Location TOP OF TORUS	Aging	
Elevation 513'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: POS-3-1601-21 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	27.0
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-21	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location TOP OF TORUS	Radiation (Rad)	1.1 E05
Elevation 513'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-1601-22 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	27.0
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-22	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location TOP OF TORUS NEAR PEN X-148	Radiation (Rad)	1.1 E05
Elevation 513'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-1601-23 Component: POSITION SWITCH	Temperature (°F)	103
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-23	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location NEAR COLUMNS L & 40	Aging	
Elevation 572'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-1601-24 Component: POSITION SWITCH	Temperature (°F)	103
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-24	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location NEAR COLUMN K BETWEEN COLUMNS 45&46	Aging	
Elevation	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: AO-2-1601-55 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK	Pressure (PSIA)	27.0
Model Number: MARK II-D1200G	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256	Chemical Spray	NA
Function/Service: POSITION INDICATION FOR VALVE	Radiation (Rad)	1.1 E05
Accuracy: Spec: Demo:	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-1601-56 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK	Pressure (PSIA)	27.0
Model Number: MARK II-D1200G	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-56	Radiation (Rad)	1.1 E05
Accuracy: Spec: Demo:	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: .POS-3-1601-60 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	27.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-60	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.1 E05
Location TOP OF TORUS	Aging	
Elevation 512'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-1601-63 Component: POSITION SWITCH	Temperature (°F)	103
Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POSITION INDICATION FOR VALVE AO-3-1601-63	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location NEAR COLUMN K BETWEEN COLUMNS 45&46	Aging	
Elevation 578'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>AIR OPERATED VALVE POSITION SWITCH ONLY</b> Manufacturer: <b>NAMCO &amp; SNAP-LOCK</b>  Model Number: <b>MARK II-D1200G</b>  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: POS-3-1601-58 Component: <b>AIR OPERATED VALVE            POSITION SWITCH ONLY</b> Manufacturer: <b>NAMCO &amp; SNAP-LOCK</b>  Model Number: <b>MARK II-D1200G</b>  Purchase Order Number:   Function/Service: <b>POSITION INDICATION            FOR VALVE</b>   Accuracy: Spec: Demo:  Location <b>NEAR COLUMNS 43 &amp; K</b>  Elevation <b>513'0"</b>	Operating Time	
	Temperature (°F)	
	Pressure (PSIA)	
	Relative Humidity (%)	
	Chemical Spray	
	Radiation (Rad)	
	Aging	
	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: POS-3-1601-59 Component: <b>AIR OPERATED VALVE            POSITION SWITCH ONLY</b> Manufacturer: <b>NAMCO &amp; SNAP-LOCK</b>  Model Number: <b>MARK II-D1200G</b>  Purchase Order Number:   Function/Service: <b>POSITION INDICATION            FOR VALVE</b>   Accuracy: Spec: Demo:  Location   Elevation <b>513'0"</b>	Operating Time	
	Temperature (°F)	
	Pressure (PSIA)	
	Relative Humidity (%)	
	Chemical Spray	
	Radiation (Rad)	
	Aging	
	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: <b>AIR OPERATED VALVE            POSITION SWITCH ONLY</b> Manufacturer: <b>CRANE COMPANY</b>  Model Number:  Purchase Order Number: <b>3447-141            SPEC K-2205</b> Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:       No:	Operating Time						SEE NOTE (1)
	Temperature (°F)			REF. (A)			SEE NOTE (1)
	Pressure (PSIA)			REF. (A)			SEE NOTE (1)
	Relative Humidity (%)			REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: POS-3-1601-61 Component: AIR OPERATED VALVE POSITION SWITCH ONLY Manufacturer: CRANE COMPANY	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: POSITION INDICATION FOR VALVE	Relative Humidity (%)	
Accuracy: Spec: Demo:	Chemical Spray	
Location	Radiation (Rad)	
Elevation	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: POS-3-1601-62 Component: AIR OPERATED VALVE POSITION SWITCH ONLY Manufacturer: CRANE COMPANY	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: POSITION INDICATION FOR VALVE	Relative Humidity (%)	
Accuracy: Spec: Demo:	Chemical Spray	
Location	Radiation (Rad)	
Elevation	Aging	
Flood Level Elevation: Above Flood Level: Yes: No:	Submergence	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: MO-3-1601-57 Component: <b>MOTOR OPERATED            GLOBE VALVE</b> Manufacturer: <b>LIMITORQUE</b>  Model Number: TYPE SMB-000 SN. 83720A Purchase Order Number: 3447-146 SPEC K-2205 Function/Service: <b>AIR MAKE-UP SYSTEM            INBOARD ISOLATION            VALVE</b>  Accuracy: Spec: NA Demo: NA  Location: <b>TOP OF TORUS</b>  Elevation: <b>513'0"</b>	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: SEE ATTACHED SHEETS Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: HT831614  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-66 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27.0
Model Number: HT831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-58	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-67 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27.0
Model Number: HT831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-59	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-69 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27.0
Model Number: HT831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-61	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-70 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27.0
Model Number: HT831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-62	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location NEAR COLUMNS L&48	Submergence	NA
Elevation 574' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: SO-3-1601-7 Component: <b>SOLENOID VALVE</b>  Manufacturer: ASCO  Model Number: CAT #8317A29 SN. S19879 Purchase Order Number:  Function/Service: <b>PILOT SOLENOID FOR VALVE AD-3-1601-55</b>  Accuracy: Spec: NA Demo: NA  Location: NEAR COLUMNS 41-42 & H Elevation: 514'0"	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: SO-3-8501-2A&B Component: <b>SOLENOID VALVE</b>  Manufacturer: ASCO  Model Number:  Purchase Order Number: 3447-214 SPEC Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-8501-2A Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27.0
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-8501-1A	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-8501-2B Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27.0
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVEAO-3-8501-1B	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 545' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: SO-3-8501-4A&B Component: SOLENOID VALVE  Manufacturer: CAT#8320A19  Model Number: 8320A19  Purchase Order Number: 3447-214  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time		NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (*F)	242	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.3E05		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-8501-4A Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: CAT#8320A19	Pressure (PSIA)	14.7
Model Number: 8320A19	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-8501-3A	Radiation (Rad)	3.3E05
Accuracy: Spec: NA Demo: NA	Aging	
Location DRYWELL, SOUTH SIDE	Submergence	NA
Elevation 530'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-8501-4B Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: CAT#8320A19	Pressure (PSIA)	14.7
Model Number: 8320A19	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-8501-3B	Radiation (Rad)	3.3E05
Accuracy: Spec: NA Demo: NA	Aging	
Location DRYWELL, SOUTH SIDE	Submergence	NA
Elevation 530'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: SO-2-8501-6A&B Component: <b>SOLENOID VALVE</b>  Manufacturer: <b>ASCO</b>  Model Number: CAT#8320A19 SN. 66027S Purchase Order Number: 3447-214  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature ("F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: SO-3-8501-6A Component: SOLENOID VALVE	Temperature (°F)	
	Pressure (PSIA)	
Manufacturer: ASCO	Relative Humidity (%)	
Model Number: CAT#8320A19 SN.66027S Purchase Order Number: 3447-214	Chemical Spray	
	Radiation (Rad)	
Function/Service: PILOT SOLENOID FOR VALVE AO-3-8501-5A	Aging	
	Submergence	
Accuracy: Spec: NA Demo: NA		
Location NEAR COLUMNS 39,40 & K,L Elevation 547'6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: SO-3-8501-6B Component: SOLENOID VALVE	Temperature (°F)	
	Pressure (PSIA)	
Manufacturer: ASCO	Relative Humidity (%)	
Model Number: CAT#8320A19 SN.66027S Purchase Order Number: 3447-214	Chemical Spray	
	Radiation (Rad)	
Function/Service: PILOT SOLENOID FOR VALVE AO-3-8501-5B	Aging	
	Submergence	
Accuracy: Spec: NA Demo: NA		
Location NEAR COLUMNS 39,40 & K,L Elevation 547'6"		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: SEE ATTACHED SHEETS Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: LB 8314  Purchase Order Number: 3447-214  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HELB242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HELB 27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REV 1, FEB 1975. REV 1. C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-9203A Component: SOLENOID VALVE	Temperature (°F)	NORMAL 120 HELB 242
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 HELB 242
Model Number: LB 8314	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-9203-5A	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location STEAM TUNNEL	Submergence	NA
Elevation 514'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-9203B Component: SOLENOID VALVE	Temperature (°F)	NORMAL 120 HELB 242
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 HELB 242
Model Number: LB 8314	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-9203-5B	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location STEAM TUNNEL	Submergence	NA
Elevation 514'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-9204A Component: SOLENOID VALVE	Temperature (°F)	NORMAL 120 HELB 242
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 HELB 242
Model Number: LB 8314	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-9206A	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location STEAM TUNNEL	Submergence	NA
Elevation 514'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-9204B Component: SOLENOID VALVE	Temperature (°F)	NORMAL 120 HELB 242
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 HELB 242
Model Number: LB 8314	Relative Humidity (%)	100
Purchase Order Number: 3447-214	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-9206B	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location STEAM TUNNEL	Submergence	NA
Elevation 514'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: DPT-3-1602-12 Component: <b>DIFFERENTIAL PRESSURE TRANSMITTER</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location: RACK 2203-19A S.E. CORNER ROOM Elevation: 476'6"  Flood Level Elevation: NA Above Flood Level: Yes:      No:	Operating Time						SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (2)
	Pressure (PSIA)	14.7		REF. (A)			SEE NOTE (2)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (B)			SEE NOTE (2)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. DETERMINE EQUIPMENT OPERATING TIME. 2. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: DPIS-3-1622A&B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON  Model Number:  Purchase Order Number: GE H1002  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12DAYS		REF. (A)			SEE NOTE (1)
	Temperature (*F)	150		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)			
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.3E06		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11. AND 5.2.12. B. FSAR SECTION 6.2.3.2 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-1622A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	150
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: GE H1002	Relative Humidity (%)	100
Function/Service: ACTUATES PRESSURE SUPPRESSION SYSTEM TORUS RELIEF VALVE 1601-20A&B	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.3 E06
Location RACK 2203-19A SE CORNER ROOM Elevation 476'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-1622B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	150
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: GE H1002	Relative Humidity (%)	100
Function/Service: ACTUATES PRESSURE SUPPRESSION SYSTEM TORUS RELIEF VALVE 1601-20A&B	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.3 E06
Location RACK 2203-19B SW CORNER ROOM Elevation 476'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: LT-3-1626 Component: LEVEL TRANSMITTER  Manufacturer: GENERAL ELECTRIC  Model Number: GE/MAC 553  Purchase Order Number: GE H0950  Function/Service: TORUS WATER LEVEL MONITORING  Accuracy: Spec: Demo:  Location: RACK 2202-19A S.E. CORNER ROOM Elevation: 480'0"	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.5 E06		REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.3.2 B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: LT-3-1641-1 Component: <b>LEVEL TRANSMITTER</b>  Manufacturer: <b>BARTON</b>  Model Number:  Purchase Order Number:  Function/Service: <b>SUPPRESSION CHAMBER            LEVEL MONITOR</b>  Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: PS-3-1501-62A,B,C,D Component: PRESSURE SWITCH  Manufacturer: BARKSDALE  Model Number: D2X-H18-UL  Purchase Order Number: GE HO314  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (B)			SEE NOTE (2)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. RESOLVE OPERATING TIME. 2. ESTABLISH RADIATION DOSE.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1501-62A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: D2X-H18-UL	Relative Humidity (%)	100
Purchase Order Number: GE H0314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1501-62B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: D2X-H18-UL	Relative Humidity (%)	100
Purchase Order Number: GE H0314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2202-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1501-62C Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: D2X-H18-UL	Relative Humidity (%)	100
Purchase Order Number: GE H0314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1501-62D Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: D2X-H18-UL	Relative Humidity (%)	100
Purchase Order Number: GE H0314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: PS-3-1620 Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>MELETRON</b>  Model Number:  Purchase Order Number: GE HO314  Function/Service: <b>DRYWELL PRESSURE SWITCH</b>  Accuracy:   Spec: Demo:  Location: RACK 2202-5 COLUMNS 39&K  Elevation: 545'6"	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA
Flood Level Elevation: Above Flood Level: Yes:   No:							

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	1. DETERMINE EQUIPMENT LOCATION. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>STATIC-O-RING</b>  Model Number: <b>12N-K4</b>  Purchase Order Number: <b>GE H0314 &amp; H1491</b>  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time						SEE NOTE (1)
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (B)			SEE NOTE (2)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. RESOLVE OPERATING TIME. 2. ESTABLISH RADIATION DOSE.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1621A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE H0314 & H1491	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1621B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE H0314 & H1491	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1621C Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE HO314 & H1491	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1621D Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE HO314 & H1491	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1628A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE H0314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1628B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE H0314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1629A Component: PRESSURE SWITCH	Temperature ("F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE HO314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1629B Component: PRESSURE SWITCH	Temperature ("F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-K4	Relative Humidity (%)	100
Purchase Order Number: GE HO314	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: PT-3-1625 Component: <b>PRESSURE TRANSMITTER</b>  Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number: INSTR#4532-11001 CODE#KC-4547-262-14 Purchase Order Number: GE HO315  Function/Service: <b>MAKE UP AIR SUPPLY            PRESSURE TRANSMITTER</b>  Accuracy: Spec: Demo:  Location: RACK 2203-7 NEAR COLUMNS 49 & K Elevation: 517'6"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (*F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (B)			SEE NOTE (2)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. RESOLVE OPERATING TIME. 2. ESTABLISH RADIATION DOSE

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: PS-3-1632A,B,C,D Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>STATIC-O-RING</b>  Model Number: 12N-AA5  Purchase Order Number: GE H1197  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time				NOT REQD.		SEE NOTE (1)
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (B)			SEE NOTE (2)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. RESOLVE OPERATING TIME. 2. ESTABLISH RADIATION DOSE.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1632A Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-AA5	Relative Humidity (%)	100
Purchase Order Number: GE H1197	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy:    Spec: Demo:	Aging	NOT REOD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes:    No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1632B Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-AA5	Relative Humidity (%)	100
Purchase Order Number: GE H1197	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy:    Spec: Demo:	Aging	NOT REOD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes:    No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1632C Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-AA5	Relative Humidity (%)	100
Purchase Order Number: GE H1197	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	
Plant I.D. Number: PS-3-1632D Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: STATIC-O-RING	Pressure (PSIA)	14.7
Model Number: 12N-AA5	Relative Humidity (%)	100
Purchase Order Number: GE H1197	Chemical Spray	NA
Function/Service: DRYWELL PRESSURE TRIP SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: SEE ATTACHED SHEETS Component: SOLENOID VALVE  Manufacturer:  Model Number: VPS 2402  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO.37,REV 1, FEB 1975 C. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-51A Component: SOLENOID VALVE	Temperature (*F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE A0-3-1601-21	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-52B Component: SOLENOID VALVE	Temperature (*F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE A0-3-1601-23	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location NEAR COLUMNS 48&L PEN. X-125	Submergence	NA
Elevation 572' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-65 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-56	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-68 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-60	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PRESSURE SUPPRESSION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: <b>SOLENOID VALVE</b>  Manufacturer:  Model Number: <b>VPS 2402</b>  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-50B Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-20B	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 512' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-50B Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-22	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-71 Component: SOLENOID VALVE	Temperature (*F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VPS 2402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AD-3-1601-63	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 514' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (*F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
Component: SOLENOID VALVE	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
Manufacturer:	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
Model Number: VGS 4422	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging						
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-51B Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	27.0
Model Number: VGS 4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-22	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-52A Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-24	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location NEAR COLUMNS 45&46&K PEN. X-125 Elevation 578' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: 50-3-1601-52B Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-23	Radiation (Rad)	<1.0E04
Accuracy: Spec: NA Demo: NA	Aging	
Location NEAR COLUMNS 48&L PEN. X-125 Elevation 572' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: 50-3-1601-65 Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-56	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS, PEN. X115 Elevation 513' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-68 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-60	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS, PEN. X318	Submergence	NA
Elevation 513' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-71 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1631-60	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS, PEN. X126	Submergence	NA
Elevation 514' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PRESSURE SUPPRESSION  Plant I.D. Number: SEE ATTACHED SHEETS Component: SOLENOID VALVE  Manufacturer:  Model Number: VGS 4522  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	1MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (*F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1E05		REF. (C)			SEE NOTE (1)
	Aging						
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

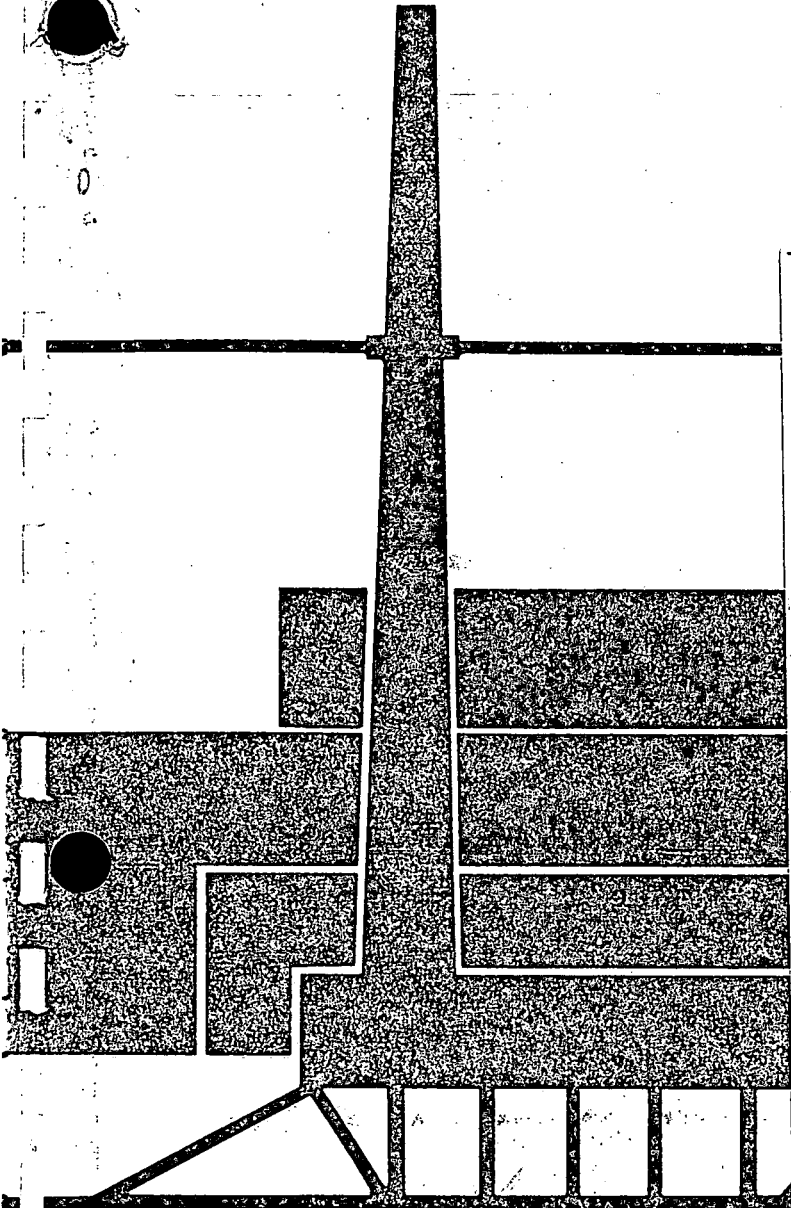
EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-50A Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4522	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-20A	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS.	Submergence	NA
Elevation 512' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PRESSURE SUPPRESSION	Operating Time	1MINUTE
Plant I.D. Number: SO-3-1601-50B Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer:	Pressure (PSIA)	14.7
Model Number: VGS 4522	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-3-1601-20B	Radiation (Rad)	1.1E05
Accuracy: Spec: NA Demo: NA	Aging	
Location TOP OF TORUS.	Submergence	NA
Elevation 512' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		



**Bechtel Power Corporation**



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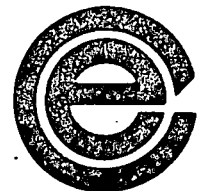
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RECORDS FACILITY BRANCH

**RESPONSE TO IE BULLETIN 79-01B**  
**DRESDEN**  
**NUCLEAR POWER STATION**  
**UNIT 3**

**Volume 3**

**Commonwealth Edison**



RESPONSE TO IE BULLETIN 79-01B  
DRESDEN NUCLEAR POWER STATION  
UNIT 3 AND COMMON

VOLUME 3

This volume contains equipment data sheets for the following Unit 3 and common systems:

1. Standby gas treatment
2. Service water
3. Diesel oil piping
4. Containment isolation
5. Control rod drive hydraulic
6. Reactor recirculation
7. Process radiation monitoring
- 8A. Reactor building ventilation
- 8B. Control room HVAC
9. Standby alternating current power
10. Standby direct current power
11. Isolation condenser
12. Generic/general use electrical equipment

Notes:

NA is used for not applicable

EO# is used for 10 to the power number (e.g., E06 =  $10^6$ )

This volume contains sheets 253 through 531

Component Sheet No: 254  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: 2/3-A&B-7503	Temperature (°F)	120		REF. (A)			
Component: ELECTRIC AIR HEATER	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
Manufacturer: NO TAG	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: SPEC K-2215	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No. 255  
 Revision 0  
 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-A-7503 Component: ELECTRIC AIR HEATER	Temperature (°F)	120
Manufacturer: NO TAG	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: SPEC K-2215	Chemical Spray	NA
Function/Service: HEAT/DRY INLET GAS	Radiation (Rad)	1.6 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location 10'0" EAST COLUMN 44 2'0" NORTH COLUMN G Elevation 571'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-B-7503 Component: ELECTRIC AIR HEATER	Temperature (°F)	120
Manufacturer: NO TAG	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: SPEC-K2215	Chemical Spray	NA
Function/Service: HEAT/DRY INLET GAS	Radiation (Rad)	1.6E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location 6'-0" WEST COLUMN 44 2'-0" NORTH COLUMN G Elevation 542'-0"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

G-0858-03

Component Sheet No: 256  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT  Plant I.D. Number: MO-2/3-7504A, B Component: MOTOR OPERATED DAMPER  Manufacturer:  Model Number:  Purchase Order Number: 3447-167 SPEC K-2256  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 257  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	1 MINUTE
Plant I.D. Number: MO-2/3-7504A Component: MOTOR OPERATED DAMPER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: OUTSIDE AIR SUPPLY DAMPER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location 7'-0" EAST COLUMN 44 1'-6" SOUTH COLUMN G Elevation 546'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	1 MINUTE
Plant I.D. Number: MO-2/3-7504B Component: MOTOR OPERATED DAMPER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: OUTSIDE AIR SUPPLY DAMPER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location 7'-0" WEST COLUMN 44 1'-6" SOUTH COLUMN G Elevation 546'-0"	Submergence	NA
Flood Level Elevation: Above Flood Level: Yes: No:		

G-0858-03

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 258  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: MO-2/3-7505A,B Component: MOTOR OPERATED DAMPER	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
Manufacturer:	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
Model Number:	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
Location: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 259  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: MO-2/3 7505A Component: MOTOR OPERATED DAMPER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: INLET DAMPER	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location 6'-0" EAST COLUMN 44 1'-6" SOUTH COLUMN G Elevation 542'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: MO-2/3-7505B Component: MOTOR OPERATED DAMPER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: INLET DAMPER	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location 6'-0" WEST COLUMN 44 1'-6" SOUTH COLUMN G Elevation 542'-0"	Submergence	NA
Flood Level Elevation: \$NA Above Flood Level: Yes: No:		

Component Sheet No: 260  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY GAS TREATMENT</b>  Plant I.D. Number: 2/3-7506A,B Component: <b>EXHAUST FAN</b>  Manufacturer: <b>NEW YORK BLOWER</b>  Model Number:  Purchase Order Number: 3447-196 SPEC K- Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)			
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 261  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-7506A Component: EXHAUST FAN	Temperature (°F)	120
Manufacturer: NEW YORK BLOWER	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-196 SPEC K- Function/Service: EXHAUST FAN FOR A TRAIN	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.6 E06
Location 2'-0" EAST COLUMN 44 3'-0" SOUTH COLUMN F Elevation 545'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-7506B Component: EXHAUST FAN	Temperature (°F)	120
Manufacturer: NEW YORK BLOWER	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-196 SPEC K- Function/Service: EXHAUST FAN FOR B TRAIN	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.6 E06
Location 2'-0" WEST COLUMN 44 3'-0" SOUTH COLUMN F Elevation 545'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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Component Sheet No: 262  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: MO-2/3-7507A, B Component: MOTOR OPERATED DAMPER	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
Manufacturer:	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
Model Number:	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
Location: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 263  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: MO-2/3-7507A Component: MOTOR OPERATED DAMPER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: DISCHARGE DAMPER A TRAIN	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.6 E06
Location 8'-0" EAST COLUMN 44 1'-0" NORTH COLUMN E Elevation 546'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: MO-2/3-7507B Component: MOTOR OPERATED DAMPER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-167 SPEC K-2256 Function/Service: DISCHARGE DAMPER B TRAIN	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.6 E06
Location 8'-0" WEST COLUMN 44 1'-0" NORTH COLUMN E Elevation 546'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 264  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY GAS TREATMENT</b>  Plant I.D. Number: TSH-2/3-7541-11A,B Component: <b>TEMPERATURE SWITCH HIGH</b> Manufacturer:  Model Number: NO TAG  Purchase Order Number: SPEC K-  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 265  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: TSH-2/3-7541-11A Component: TEMPERATURE SWITCH HIGH Manufacturer:	Temperature (°F)	120
	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number: SPEC K-	Chemical Spray	NA
Function/Service: SHUTS OFF A TRAIN HEATER ON HIGH GAS TEMPERATURE	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo: Location	Aging	NOT REQD.
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: TSH-2/3-7541-11B Component: TEMPERATURE SWITCH HIGH Manufacturer:	Temperature (°F)	120
	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number: SPEC-K	Chemical Spray	NA
Function/Service: SHUTS OFF B-TRAIN HEATER ON HIGH GAS TEMPERATURE	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo: Location	Aging	NOT REQD.
Elevation	Submergence	NA
Flood Level Elevation: \$NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 266  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY GAS TREATMENT</b>  Plant I.D. Number: SCR-2/3-7541-36A,B Component:  Manufacturer: FOXBORO  Model Number:  Purchase Order Number: 3447-191 SPEC K-2272 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (*F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	8.0 E05		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 267  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: SCR-2/3-7541-36A Component:	Temperature (°F)	120
Manufacturer: FOXBORO	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-191 SPEC K-2272 Function/Service: TRAIN A HEATER CONTROLLER FOR AIR HEATER 2/3-A-7503	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	8.0 E05
Location 5'-6" WEST COLUMN G 2'-0" NORTH COLUMN 44 Elevation 545'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: SCR-2/3-7541-36B Component:	Temperature (°F)	120
Manufacturer: FOXBORO	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-191 SPEC K-2272 Function/Service: TRAIN B HEATER CONTROLLER FOR AIR HEATER 2/3-B-7503	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	8.0 E05
Location 5'-0" WEST COLUMN G 2'-0" NORTH COLUMN 44 Elevation 545'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: FT-2/3-7541-40A,B Component: FLOW TRANSMITTER	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
Manufacturer:	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
Model Number:	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
Purchase Order Number: 3447-191 SPEC K-2272 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
Accuracy: Spec: Location: Demo: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
Elevation: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FT-2/3-7541-40A Component: FLOW TRANSMITTER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-191 SPEC K-2272 Function/Service: TRANSMITS SIGNAL TO FLOW SWITCH AND TO FLOW CONTROLLER FOR A TRAIN	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.6 E06
Location NEAR COLUMNS G & 44	Aging	NOT REQD.
Elevation 545'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FT-2/3-7541-40B Component: FLOW TRANSMITTER	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3447-191 SPEC K-2272 Function/Service: TRANSMITS SIGNAL TO FLOW SWITCH AND TO FLOW CONTROLLER FOR B TRAIN	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	1.6 E06
Location NEAR COLUMNS G & 44	Aging	NOT REQD.
Elevation 545'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY GAS TREATMENT</b>  Plant I.D. Number: FSL-2/3-7541-41A,B Component: <b>FLOW SWITCH LOW</b>  Manufacturer:  Model Number:  Purchase Order Number: SPEC K-  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (*F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.6 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FSL-2/3-7541-41A Component: FLOW SWITCH LOW	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: SPEC K-	Chemical Spray	NA
Function/Service: SHUTS OFF AIR HEATER 2/3-A-7503 ON LOW FLOW	Radiation (Rad)	1.6 E06
Accuracy: Spec: Location Demo:	Aging	NOT REQD.
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FSL-2/3-7541-4B Component: FLOW SWITCH LOW	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: SPEC K-	Chemical Spray	NA
Function/Service: SHUTS OFF AIR HEATER 2/3-B-7503 ON LOW FLOW	Radiation (Rad)	1.6 E06
Accuracy: Spec: Location Demo:	Aging	NOT REQD.
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY GAS TREATMENT</b>  Plant I.D. Number: FS-2/3-7541-45A,B Component: <b>FLOW SWITCH</b>  Manufacturer: <b>MERCOID</b>  Model Number:  Purchase Order Number: SPEC K-  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.3 E05		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FS-2/3-7541-45A Component: FLOW SWITCH	Temperature (°F)	120
Manufacturer: MERCROID	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: SPEC K-	Chemical Spray	NA
Function/Service: STARTS FAN 2/3-A-7506 AND OPENS DAMPERS ON A TRAIN	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location 2'0" EAST OF COL C S OF COL 44 Elevation 553'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FS-2/3-7541-45B Component: FLOW SWITCH	Temperature (°F)	120
Manufacturer: MERCROID	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: STARTS FAN 2/3-B-7506 AND OPENS DAMPERS ON B TRAIN	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location ALONG COLUMN 44 2'0" EAST OF COL C Elevation 553'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: 2223-28A&B	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
Component: LOCAL PANEL	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
Manufacturer:	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
Model Number: NO TAG	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: SPEC K-	Radiation (Rad)	2.3 E05		REF. (B)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2223-28A Component: LOCAL PANEL	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number: SPEC K-	Chemical Spray	NA
Function/Service: HOUSES AUXILIARY RELAYS AND CONTROL WIRING FOR SGTS SYSTEM	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location NEAR COLUMNS F & 44	Submergence	NA
Elevation 542'-0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2223-28B Component: LOCAL PANEL	Temperature (°F)	120
Manufacturer:	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number: SPEC K-	Chemical Spray	NA
Function/Service: HOUSES AUXILIARY RELAYS AND CONTROL WIRING FOR SGTS SYSTEM	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location NEAR COLUMNS F & 44	Submergence	NA
Elevation 542'-0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>SERVICE WATER</b>  Plant I.D. Number: 3&2/3-3903 Component: <b>DIESEL GENERATOR            COOLING WATER PUMP</b> Manufacturer:  Model Number:  Purchase Order Number: 3447-140 SPEC K-2191 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	30 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	120		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THE DIESEL COOLING WATER PUMPS ARE REQUIRED FOR THE DURATION OF LOST OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	30 DAYS
Plant I.D. Number: 3-3903 Component: DIESEL GENERATOR COOLING WATER PUMP Manufacturer:	Temperature (°F)	120
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 3447-140 SPEC K-2191 Function/Service: SUPPLY COOLING WATER TO STANDBY DIESEL GENERATOR	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location DIESEL ROOM 3	Radiation (Rad)	<1.0 E04
Elevation 517'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	30 DAYS
Plant I.D. Number: 2/3-3903 Component: DIESEL GENERATOR COOLING WATER PUMP Manufacturer:	Temperature (°F)	120
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: 3447-140 SPEC K-2191 Function/Service: SUPPLY COOLING WATER TO STANDBY DIESEL GENERATOR	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location DIESEL ROOM 2/3	Radiation (Rad)	<1.0 E04
Elevation 517'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>SERVICE WATER</b>  Plant I.D. Number: 3-5746A,B Component: <b>REACTOR BLDG            EMERGENCY AIR COOLER</b> Manufacturer: G-182-A  Model Number:  Purchase Order Number: SPEC K-  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	150		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	4.7 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR PARAGRAPH 6.2.3.2 B. FSAR TABLE 5.2.2 C. BECHTEL RADIATION STUDY. D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	CONTINUOUS
Plant I.D. Number: 3-5746A Component: REACTOR BLDG EMERGENCY AIR COOLER Manufacturer: G-182-A	Temperature (°F)	150
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: SPEC K-	Relative Humidity (%)	100
Function/Service: PROVIDE COOLING TO LPCI ROOM	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	3.4 E06
Location S.E. CORNER ROOM	Aging	NOT REQD.
Elevation 505'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	CONTINUOUS
Plant I.D. Number: 3-5746B Component: REACTOR BLDG EMERGENCY AIR COOLER Manufacturer: G-182-A	Temperature (°F)	150
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: SPEC K-	Relative Humidity (%)	100
Function/Service: PROVIDE COOLING TO LPCI ROOM	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	4.7 E06
Location S.W. CORNER ROOM	Aging	NOT REQD.
Elevation 507'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>SERVICE WATER</b>  Plant I.D. Number: 3-5747 Component: HPCI BLDG EMERGENCY AIR COOLER Manufacturer:  Model Number:  Purchase Order Number: SPEC K-  Function/Service: PROVIDE COOLING TO HPCI BLDG  Accuracy: Spec: NA Demo: NA  Location: ALONG COL 45 S. OF COL. N. Elevation: 486' -0"	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.8 E06		REF. (D)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes:       No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. REPORT SECTION 4.3.6 D. BECHTEL RADIATION STUDY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>DIESEL OIL PIPING</b>  Plant I.D. Number: 3&2/3-5203 Component: <b>DIESEL OIL TRANSFER PUMP</b> Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number: 2K182BLG239  Purchase Order Number: 3447-188  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:     No:	Operating Time	30 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 213		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HEL B 14.9		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		NA			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT REQUIRED FOR THE DURATION OF LOST OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED IN 30 DAYS. B. FSAR PARAGRAPH 10.11 AND SPECIAL REPORT NO. 37, REV 1, FEB 1975. C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. RESOLVE QUALIFICATION REQUIREMENTS FOR TEMPERATURE. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE EFFECTS OF THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	CONTINUOUS
Plant I.D. Number: 3-5203 Component: DIESEL OIL TRANSFER PUMP Manufacturer: GENERAL ELECTRIC	Temperature (°F)	NORMAL 120 HELB 213
Model Number: 2K182BLG239	Pressure (PSIA)	NORMAL 14.7 HELB 15
Purchase Order Number: 3447-188	Relative Humidity (%)	100
Function/Service: TRANSFER DIESEL OIL TO DAY TANK	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location UNIT 3 DG ROOM	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-5203 Component: DIESEL OIL TRANSFER PUMP Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number: 2K182BLG239	Pressure (PSIA)	14.7
Purchase Order Number: 3447-188	Relative Humidity (%)	100
Function/Service: TRANSFER DIESEL OIL TO DAY TANK	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location UNIT 2/3 DG ROOM NW CORNER	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>DIESEL OIL PIPING</b>  Plant I.D. Number: LS-3-5241-3 Component: <b>LEVEL SWITCH (HIGH/LOW)</b> Manufacturer: <b>MAGNETROL</b>  Model Number: A-103F SN.404600 Purchase Order Number: 3447-184 SPEC K-2258 Function/Service: <b>TRIP DIESEL OIL TRANSFER PUMP ON LOW LEVEL. START PUMP ON HIGH LEVEL</b>  Accuracy: Spec: Demo:  Location: UNIT 3 DG ROOM DAY TANK ROOM Elevation: 527'0"	Operating Time	CONTINUOUS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 213	275	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HEL B 14.9	45.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100		REF. (C)	REF. (D)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT IS USED IN CONJUNCTION WITH THE DIESEL GENERATOR. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. 9306-P04156 REPORT OF TEST ON MAGNETROL LEVEL SWITCH A-153-FEPLUPX-Y-TOM-S1M3H. C. FSAR SECTION 10.11 AND SPECIAL REPORT NO 37, REV 1, FEB 1975.	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>D. BECHTEL RADIATION STUDY. E. REPORT SECTION 4.3.6</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: DIESEL OIL PIPING	Operating Time	30 DAYS		REF. (A)			SEE NOTE (1)
Plant I.D. Number: SD-3-5202	Temperature (°F)	NORMAL 120 HELB 213		REF. (B)			SEE NOTE (1)
Component: SOLENOID VALVE	Pressure (PSIA)	NORMAL 14.7 HELB 14.9		REF. (B)			SEE NOTE (1)
Manufacturer:	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
Function/Service: INLET SOLENOID TO DAY TANK 2-5205	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: UNIT 3 DG ROOM DAY TANK ROOM	Flood Level Elevation: NA Above Flood Level: Yes: No:						
Elevation: 527'0"							

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT IS USED IN CONJUNCTION WITH THE DIESEL GENERATOR. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. FSAR 10.11 AND SPECIAL REPORT NO. 37, REV 1, FEB, 1975. C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: DIESEL OIL PIPING	Operating Time	30 DAYS		REF. (A)			SEE NOTE (1)
Plant I.D. Number: 50-2/3-5202	Temperature (°F)	NORMAL 120 HELB 213		REF. (B)			SEE NOTE (1)
Component: SOLENOID	Pressure (PSIA)	NORMAL 14.7 HELB 14.9		REF. (B)			SEE NOTE (1)
Manufacturer:	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
Function/Service:	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: DIESEL GENERATOR ROOM 2/3 IN DAY TANK ROOM Elevation: 527'0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT IS USED IN CONJUNCTION WITH THE DIESEL GENERATOR. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. FSAR 10.11 AND SPECIAL REPORT NO. 37, REV 1, FEB, 1975. C. BECHTEL RADIATION STUDY. D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: DIESEL OIL PIPING  Plant I.D. Number: LS-2/3-5241-3 Component: LEVEL SWITCH  Manufacturer: MAGNETROL  Model Number: A-103F SN. 404853 Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo:  Location: DIESEL GENERATOR ROOM 2/3 IN DAY TANK ROOM Elevation: 527'0"	Operating Time	30 DAYS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 213		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HEL B 14.9		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT IS USED IN CONJUNCTION WITH THE DIESEL GENERATOR. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. FSAR 10.11 AND SPECIAL REPORT NO. 37, REV. 1, FEB, 1975. C. BECHTEL RADIATION STUDY. D. REPORT SECTION 4.3.6.	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: MD-3-1001-1A&B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-2-60  Purchase Order Number: (B)  Function/Service: SEE ATTACHED SHEETS   Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	1 MINUTE	16 DAYS	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Temperature (°F)	NORMAL 150 LOCA 281	250	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	39.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	DEMIN WATER		REF. (D)			
	Radiation (Rad)	1.1 E05	2.0 E07	REF. (E)	REF. (B)	INDIVIDUAL TEST	SEE NOTE (1)
	Aging		165F FOR 199.8 HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (2)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 600461-80003 QUALIFICATION ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. TYPE TEST REPORT-LIMITORQUE VALVE C. FSAR FIGURES 5.2.11 & 5.2.12 & TABLE 5.2.1	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER. 2. RESOLVE AGING REQUIREMENTS.



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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>D. FSAR SECTION 6.2.4.2.B E. BECHTEL RADIATION STUDY</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1001-1A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE(RELIANCE) AC MOTOR Model Number: SMB-2-60	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
	Chemical Spray	DEMIN WATER
	Radiation (Rad)	1.1 E05
	Aging	
	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1001-1B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE(RELIANCE) AC MOTOR Model Number: SMB-2-60	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
	Chemical Spray	DEMIN WATER
	Radiation (Rad)	1.1 E05
	Aging	
	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CONTAINMENT ISOLATION</b>  Plant I.D. Number: MO-3-1001-2A,B,C Component: <b>MOTOR OPERATED GATE VALVE (DC)</b> Manufacturer: <b>LIMITORQUE (PEERLESS) DC MOTOR</b> Model Number: SMB-2-60  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Temperature (*F)	103	340 F	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	14.7	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	1.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	
	Aging	NOT REQD.	185 C FOR 100 HOURS		REF. (B)	INDIVIDUAL TEST	
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 600456-B0009-QUALIFICATION TYPE TEST REPORT-LIMITORQUE DC VALVE ACTUATORS C. FSAR SECTION 10.11 D. BECHTEL RADIATION STUDY	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1001-2A Component: MOTOR OPERATED GATE VALVE (DC) Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-2-60	Temperature (°F)	103
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE SHUTDOWN COOLING SYSTEM	Pressure (PSIA)	14.7
Accuracy: Spec: NA Demo: NA	Relative Humidity (%)	100
Location SHUTDOWN COOLING PUMP ROOM	Chemical Spray	NA
Elevation 528'6"	Radiation (Rad)	<1.0 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REQD.
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1001-2B Component: MOTOR OPERATED GATE VALVE (DC) Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-2-60	Temperature (°F)	103
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE. SHUTDOWN COOLING SYSTEM	Pressure (PSIA)	14.7
Accuracy: Spec: NA Demo: NA	Relative Humidity (%)	100
Location SHUTDOWN COOLING PUMP ROOM	Chemical Spray	
Elevation 528'6"	Radiation (Rad)	<1.0 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REQD.
	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MD-3-1001-2C Component: MOTOR OPERATED GATE VALVE (DC) Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-2-60 Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, SHUTDOWN COOLING SYSTEM Accuracy: Spec: NA Demo: NA Location SHUTDOWN COOLING PUMP ROOM Elevation 528'6"	Temperature (*F)	103
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (*F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: MO-3-1001-5A&B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE  Model Number: SMB-2-60  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE	16 DAYS	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Temperature (°F)	242	250	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	39.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1 E05	2.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	
	Aging		165 F FOR 199.8 HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 60046-80003 QUALIFICATION TYPE TEST REPORT LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE CONTAINMENT C. SPECIAL REPORT NO. 37, REV. 1, FEB 1975 D. BECHTEL RADIATION STUDY	1. RESOLVE AGING REQUIREMENTS.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1001-5A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	242
Model Number: SMB-2-60	Pressure (PSIA)	27.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, SHUTDOWN COOLING SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location ABOVE TORUS, NEAR 90 AZIMUTH, PEN X-116A Elevation 513'9"	Radiation (Rad)	1.1 E05
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1001-5B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	242
Model Number: SMB-2-60	Pressure (PSIA)	27.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, SHUTDOWN COOLING SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location ABOVE TORUS, NEAR 270 AZIMUTH, PEN X-116B Elevation 513'9"	Radiation (Rad)	1.1 E05
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: MO-3-1201-1 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE  Model Number: SMB-1-25  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: INBOARD CONTAINMENT ISOLATION VALVE, REACTOR WATER CLEANUP SYSTEM  Accuracy: Spec: NA Demo: NA  Location: INSIDE DRYWELL NEAR 110 Elevation: 535'0"  Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:	Operating Time	1 MINUTE		REF. (A)		SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281	307	REF. (B)	REF. (C)	SIMULTANEOUS TEST	
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	74.7	REF. (B)	REF. (C)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (B)	REF. (C)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	DEMIN WATER		REF. (D)			SEE NOTE (3)
	Radiation (Rad)	1.1 E05		REF. (E)			SEE NOTE (3)
	Aging						SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR TABLE 5.2.1, FIGURE 5.2.11 & 5.2.12 C. REPORT NO. 338164-FC2485-01 TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR-BRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION, UNDER SIMULATED REACTOR CONTAINMENT POST-	1. RESOLVE QUALIFICATION TEST TIME 2. THE TEST PROCEDURE CALLS OUT A SATURATED ATMOSPHERE, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST. 3. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>ACCIDENT STEAM AND CHEMICAL ENVIRONMENT D. FSAR SECTION 6:2.4.2.6 E. BECHTEL RADIATION STUDY</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
Plant I.D. Number: MO-3-1201-2&3	Temperature (°F)	NORMAL 150 LOCA 281	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Manufacturer: LIMITORQUE	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
Model Number: SMB-1-40	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3447-141 SPEC K-2205	Radiation (Rad)	<1.0 E04	1.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	
Function/Service: SEE ATTACHED SHEETS	Aging		185 C FOR 100 HOURS 2000 CYCLES		REF. (B)	INDIVIDUAL TEST	
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 600426-B0009 QUALIFICATION TYPE TEST REPORT & LIMITORQUE DC VALVE ACTUATORS. ONLY THE MOTOR WAS THERMALLY AGED. LIMITORQUE CORP. USES THESE UNITS AT 300F CONTINUOUSLY. THEREFORE, AGING WAS CONSIDERED REQUIRED FOR THE MOTOR ONLY.	1. THE TEMPERATURE PROFILE DOES NOT MEET THE REQUIREMENTS PER IEEE STANDARDS OR THAT OF THE FSAR. THE TIME TO REACH TEMPERATURE WAS 1 HOUR AND 55 MINUTES. 2. THE TEST PROCEDURE CALLS OUT A SATURATED ATMOSPHERE, BUT HUMIDITY WAS NOT MEASURED DURING TEST.

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>C. ENVIRONMENTAL SERVICE CONDITIONS NOT ESTABLISHED. LOCA CONDITIONS FOR DRYWELL CONSERVATIVELY ASSUMED.</p> <p>D. BECHTEL RADIATION STUDY</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1201-2 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	NORMAL 150 LOCA 281
Model Number: SMB-1-40	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, REACTOR WATER CLEANUP SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location N OF COL K E OF COL 43 Elevation 548' 10"	Radiation (Rad)	<1.0 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-1201-3 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	NORMAL 150 LOCA 281
Model Number: SMB-1-40	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, REACTOR WATER CLEANUP SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location N OF COL K E OF COL 43 Elevation 548' 10"	Radiation (Rad)	<1.0 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	
	Submergence	NA

G-0858-03

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CONTAINMENT ISOLATION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: <b>MOTOR OPERATED            GATE VALVE</b> Manufacturer: <b>LIMITORQUE</b>  Model Number: <b>SMB-000-5</b>  Purchase Order Number: <b>3447-141</b> <b>SPEC K-2205</b> Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	1 MINUTE		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281	307	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	74.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	DEMIN WATER	NA	REF. (D)			SEE NOTE (3)
	Radiation (Rad)	3.3 E05		REF. (E)			SEE NOTE (3)
	Aging						SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. REPORT NO. 338164-FC2485-01 TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR-BRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT.	1. RESOLVE QUALIFICATION TEST TIME. 2. THE TEST PROCEDURE CALLS OUT A SATURATED ATMOSPHERE, BUT HUMIDITY WAS NOT MEASURED DURING THE TEST. 3. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>C. FSAR TABLE 5.2.1, FIGURES 5.2.11 &amp; 5.2.12 D. FSAR SECTION 6.2.4.2.B E. BECHTEL RADIATION STUDY</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-3702 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	242
Model Number: SMB-000-5	Pressure (PSIA)	27.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, RBCCW SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location ABOVE TORUS NEAR 315 AZIMUTH PEN X-123 Elevation 513'9"	Radiation (Rad)	1.1 E05
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-3703 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (°F)	242
Model Number: SMB-000-5	Pressure (PSIA)	27.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, RBCCW SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location ABOVE TORUS NEAR 310 AZIMUTH PEN X-124 Elevation 513'9"	Radiation (Rad)	1.1 E05
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: MO-3-3706 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE	Temperature (*F)	NORMAL 150 LOCA 281
Model Number: SMB-000-5	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: INBOARD CONTAINMENT ISOLATION VALVE, RBCCW SYSTEM	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	DEMIN WATER
Location INSIDE DRYWELL NEAR 310 AZIMUTH Elevation 513'9"	Radiation (Rad)	3.3 E05
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (*F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CONTAINMENT ISOLATION</b>  Plant I.D. Number: POS-3-2001-5,6 Component: <b>POSITION SWITCH</b>  Manufacturer: NAMCO SNAP-LOCK Model Number: D1200G  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.3 E05		REF. (C)			
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO. 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-2001-5 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: D1200G	Pressure (PSIA)	27.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, RADWASTE DRAINS SYSTEM	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	3.3 E05
Location ABOVE TORUS, NEAR 45 AZIMUTH PEN X-118 Elevation 512'3"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE
Plant I.D. Number: POS-3-2001-6 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: NAMCO SNAP-LOCK Model Number: D1200G	Pressure (PSIA)	27.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, RADWASTE DRAINS SYSTEM	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	3.3 E05
Location ABOVE TORUS, NEAR 45 AZIMUTH PEN X-118 Elevation 512'3"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: AD-3-2001-5 Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: CAT. 8316014 SN. 561317 Purchase Order Number:  Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, RADWASTE DRAINS SYSTEM  Accuracy: Spec: NA Demo: NA  Location: ABOVE TORUS, NEAR 45 AZIMUTH PEN X-118 Elevation: 512'3"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.3 E05		REF. (C)			
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO. 37, REV. 1, FEB 1975 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: AO-3-2001-6 Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: CAT. HT831614 SN. S4300R2 Purchase Order Number:  Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE, RADWASTE DRAINS SYSTEM  Accuracy: Spec: NA Demo: NA  Location: ABOVE TORUS NEAR 45 AZIMUTH PEN X-118 Elevation: 512'3"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (*F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27					SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.3 E05		REF. (C)			
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO. 37, REV. 1, FEB 1975 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CONTAINMENT ISOLATION</b>  Plant I.D. Number: AO-3-4720 Component: <b>SOLENOID VALVE</b>  Manufacturer: ASCO  Model Number: 91768D  Purchase Order Number:  Function/Service: <b>CONTAINMENT ISOLATION</b>  <b>INSTRUMENT AIR LINE</b>  Accuracy: Spec: NA Demo: NA  Location: <b>OUTSIDE DRYWELL ON</b> <b>NW SIDE</b> Elevation: <b>530'0"</b>  Flood Level Elevation: NA Above Flood Level: Yes:      No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: POS-3-4720 Component: POSITION SWITCH  Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II D1200G  Purchase Order Number:  Function/Service: INSTRUMENT AIR LINE CONTAINMENT ISOLATION VALVE POSITION INDICATION  Accuracy: Spec: NA Demo: NA  Location: CATWALK OUTSIDE DRYWELL ON NW SIDE  Elevation: 530'0"	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (*F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE	NOT REQD.	REF. (A)			
Plant I.D. Number: AO-3-4721 Component: SOLENOID VALVE	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
Manufacturer: ASCO	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
Model Number: 694615	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: CONTAINMENT ISOLATION	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
INSTRUMENT AIR LINE	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: CATWALK OUTSIDE DRYWELL ON NW SIDE							
Elevation: 530'0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CONTAINMENT ISOLATION</b>  Plant I.D. Number: POS-3-4721 Component: <b>POSITION SWITCH</b>  Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II-D1200G  Purchase Order Number:  Function/Service: INSTRUMENT AIR LINE CONTAINMENT ISOLATION VALVE POSITION INDICATION  Accuracy: Spec: NA Demo: NA  Location: RX BLDG ALONG CATWALK NW OUTSIDE DRYWELL  Elevation: 530'0"	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
Plant I.D. Number: AO-3-4722	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
Component: SOLENOID VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
Model Number: 661085	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
Function/Service: CONTAINMENT ISOLATION	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
INSTRUMENT AIR LINE	Submergence	NA	NA	NA	NA	NA	
Accuracy: Spec: NA Demo: NA							
Location: CATWALK OUTSIDE DRYWELL ON NW SIDE							
Elevation: 530'0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: POS-3-4722 Component: POSITION SWITCH  Manufacturer: NAMCO SNAP-LOCK Model Number:  Purchase Order Number:  Function/Service: INSTRUMENT AIR LINE CONTAINMENT ISOLATION VALVE POSITION INDICATION  Accuracy: Spec: NA Demo: NA  Location: CATWALK OUTSIDE DRYWELL ON NW SIDE Elevation: 530'0"	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR PARAGRAPH 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: AO-3-2001-105, 106 Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time			REF. (A)			SEE NOTE (1)
	Temperature (°F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO. 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: AO-3-2001-105 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEM TAG DAMAGED	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location ABOVE TORUS NEAR 180 AZIMUTH PEN X-117 Elevation 512'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number: AO-3-2001-106 Component: SOLENOID VALVE	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEM -HT 831614	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location ABOVE TORUS NEAR 180 AZIMUTH PEN X-117 Elevation 512'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Date

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: POS-3-2001-105, 106 Component: POSITION SWITCH  Manufacturer: ASCO  Model Number: HT 831614  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time			REF. (A)			SEE NOTE (1)
	Temperature (*F)	242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	27		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. SPECIAL REPORT NO. 37, REV 1, FEB 1975 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: POS-3-2001-105 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27
Model Number: HT 831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEM POSITION INDICATION (TAG DAMA)	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location ABOVE TORUS NEAR 180 AZIMUTH PEN X-117 Elevation 512'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: POS-3-2001-106 Component: POSITION SWITCH	Temperature (°F)	242
Manufacturer: ASCO	Pressure (PSIA)	27
Model Number: HT 831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEM POSITION INDICATION	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location ABOVE TORUS NEAR 180 AZIMUTH PEN X-117 Elevation 512'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION	Operating Time		NOT REQD.	REF. (A)	NOT REQD.		
Plant I.D. Number: 3-700-733A, B, C, D, E	Temperature (*F)	104	NOT REQD.	REF. (B)	NOT REQD.		
Component: SOLENOID BALL VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
Manufacturer:	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)			REF. (C)			
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
Accuracy: Spec: Location: Demo: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733A Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733B Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733D Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522' 0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733E Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522' 0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: 3-700-736A, B, C, D, E Component: SQUIB SHEAR VALVE  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time		NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	104	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736A Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736B Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736C Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522' 0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736D Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522' 0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736E Component: SQUIB SHEAR VALVE Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (*F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION  Plant I.D. Number: 3-700-733A, B, C, D, E Component: SOLENOID BALL VALVE  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time		NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	104	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733A Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733B Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733C Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733D Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		



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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733D Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-733E Component: SOLENOID BALL VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>CONTAINMENT ISOLATION</b>  Plant I.D. Number: 3-700-736A, B, C, D, E Component: <b>SQUIB SHEAR VALVE</b>  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time		NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	104	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)			REF. (C)			
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736A Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736B Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736C Component: SQUIB SHEAR VALVE	Temperature (*F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736D Component: SQUIB SHEAR VALVE	Temperature (*F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	
Plant I.D. Number: 3-700-736E Component: SQUIB SHEAR VALVE	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location BETWEEN COL 45&46 BETWEEN COL H&J Elevation 522'0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: SO-3-305-117 Component: SOLENOID VALVE TYPICAL OF 177 UNITS Manufacturer: ASCO  Model Number: HVA90-405-2A  Purchase Order Number:  Function/Service: 88 ON E SIDE OF RB 89 ON W SIDE OF RB  Accuracy: Spec: NA Demo: NA Location: 88 ON EAST SIDE OF RB 89 ON WEST SIDE OF R Elevation: 526' 11"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. SAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: SO-3-305-118 Component: SOLENOID VALVE TYPICAL OF 177 UNITS Manufacturer: ASCO  Model Number: HVA90-405-2A  Purchase Order Number:  Function/Service: 88 ON E SIDE OF RB 89 ON W SIDE OF RB  Accuracy: Spec: NA Demo: NA  Location: 88 ON EAST SIDE OF RB 89 ON WEST SIDE OF R Elevation: 526'11"  Flood Level Elevation: NA Above Flood Level: Yes:     No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

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A. FSAR SECTION 6.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: SO-3-0302-19A.B Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: 3384-8-R  Purchase Order Number: GE 59137  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: SO-3-0302-19A Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: 3384-8-R	Relative Humidity (%)	100
Purchase Order Number: NEAR COLUMNS 45 & J	Chemical Spray	NA
Function/Service: BACKUP CONTROL ROD DRIVE SCRAM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location ALONG NE OUTSIDE OF DRYWELL Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: SO-3-0302-19B Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: 3384-8-R	Relative Humidity (%)	100
Purchase Order Number: GE 59137	Chemical Spray	NA
Function/Service: BACKUP CONTROL ROD DRIVE SCRAM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location NEAR COLUMNS 45 & J Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: SO-3-0302-20A&B Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number:  Purchase Order Number: GE 59137  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.		NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. FSAR SECTION 10.11 FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: 50-3-0302-20A Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: GE 59137	Chemical Spray	NA
Function/Service: CLOSES DISCHARGE VOLUME VENT AND DRAIN VALVES	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location ALONG OUTSIDE NE SIDE OF DRYWELL Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: 50-3-0302-20B Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: GE 59137	Chemical Spray	NA
Function/Service: CLOSES DISCHARGE VOLUME VENT AND DRAIN VALVES	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location ALONG OUTSIDE NE SIDE OF DRYWELL Elevation 517'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: LS-3-0302-82A, B, C, D Component: LEVEL SWITCH  Manufacturer: MAGNETROL  Model Number: 402  Purchase Order Number: GE H0749  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.7 EO4		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: LS-3-0302-82A Component: LEVEL SWITCH	Temperature (°F)	103
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number: GE H0749	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL VOLUME HIGH ALARM	Radiation (Rad)	1.7 E04
Accuracy: Spec: Demo:	Aging	NOT REOD.
Location TIP ROOM	Submergence	NA
Elevation 523'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: L2-3-0302-82B Component: LEVEL SWITCH	Temperature (°F)	103
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number: GE H0749	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL VOLUME HIGH ALARM	Radiation (Rad)	1.7 E04
Accuracy: Spec: Demo:	Aging	NOT REOD.
Location TIP ROOM	Submergence	NA
Elevation 523'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: LS-3-0302-82C Component: LEVEL SWITCH	Temperature (°F)	103
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number: GE H0749	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL VOLUME HIGH ALARM	Radiation (Rad)	1.7 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location TIP ROOM	Submergence	NA
Elevation 523'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: LS-3-0302-82D Component: LEVEL SWITCH	Temperature (°F)	103
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number: GE H0749	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL VOLUME HIGH ALARM	Radiation (Rad)	1.7 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location TIP ROOM	Submergence	NA
Elevation 523'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: LS-3-0302-82E Component: LEVEL SWITCH	Temperature (°F)	103
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number: GE H0749	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL VOLUME HIGH ALARM	Radiation (Rad)	1.7 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location TIP ROOM	Submergence	NA
Elevation 523'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRANLIC  Plant I.D. Number: POS-3-302-21A.B Component: POSITION SWITCH  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	
Plant I.D. Number: AD-2-302-21B Component: POSITION SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	
Plant I.D. Number: POS-3-302-21A Component: POSITION SWITCH	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: SCRAM DISCHARGE VOLUME VENT VALVE POSITION SWITCH	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: POS-3-302-22 Component: POSITION SWITCH  Manufacturer: NAMCO SNAP-LOCK Model Number:  Purchase Order Number:  Function/Service: DISCHARGE VOLUME DRAIN VALVE POSITION SWITCH  Accuracy: Spec: Demo: Location: TIP ROOM AROUND STAIRWAY Elevation: 517'-6"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC  Plant I.D. Number: SEE ATTACHED SHEETS Component: SOLENOID VALVES (TYPICAL OF 177 UNITS) Manufacturer: ASCO  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: SO-3-305-120	Temperature (°F)	103
Component: SOLENOID VALVES (TYPICAL OF 177 UNITS)	Pressure (PSIA)	14.7
Manufacturer: ASCO	Relative Humidity (%)	100
Model Number:	Chemical Spray	NA
Purchase Order Number:	Radiation (Rad)	<1.0 E04
Function/Service: CONTROL ROD DRIVE MANUAL CONTROL	Aging	NOT REQD.
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location ALONG OUTSIDE DRYWELL WALL-EAST WEST SIDE Elevation 517'-6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: SO-3-305-121	Temperature (°F)	103
Component: SOLENOID VALVES (TYPICAL OF 177 UNITS)	Pressure (PSIA)	14.7
Manufacturer: ASCO	Relative Humidity (%)	100
Model Number:	Chemical Spray	NA
Purchase Order Number:	Radiation (Rad)	<1.0 E04
Function/Service: CONTROL ROD DRIVE MANUAL CONTROL	Aging	NOT REQD.
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location ALONG OUTSIDE DRYWELL WALL-EAST&WEST SIDE Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: SO-3-305-122 Component: SOLENOID VALVES (TYPICAL OF 177 UNITS) Manufacturer: ASCO	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: CONTROL ROD DRIVE MANUAL CONTROL	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location ALONG OUTSIDE DRYWELL WALL-EAST & WEST SID Elevation 517'0"	Aging	NOT REOD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYD	Operating Time	<1 MINUTE
Plant I.D. Number: SO-3-305-123 Component: SOLENOID VALVES (TYPICAL OF 177 UNITS) Manufacturer: ASCO	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: CONTROL ROD DRIVE MANUAL CONTROL	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location ALONG OUTSIDE DRYWELL WALL-EAST & WEST SID Elevation 517'-6"	Aging	NOT REOD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-205-2-4A, B Component: <b>MOTOR OPERATED GATE VALVE</b> Manufacturer: <b>LIMITORQUE</b>  Model Number: SMB-1  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION & INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-205-2-4A Component: <b>MOTOR OPERATED            GATE VALVE</b> Manufacturer: <b>LIMITORQUE</b>  Model Number: SMB-1  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>REACTOR HEAD SPRAY            INLET</b>  Accuracy: Spec: Demo:  Location   Elevation	Operating Time   Temperature (°F)   Pressure (PSIA)   Relative Humidity (%)   Chemical Spray   Radiation (Rad)   Aging   Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-205-2-4B Component: <b>MOTOR OPERATED            GATE VALVE</b> Manufacturer: <b>LIMITORQUE</b>  Model Number: SMB-1  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>REACTOR HEAD SPRAY            INLET</b>  Accuracy: Spec: Demo:  Location   Elevation	Operating Time   Temperature (°F)   Pressure (PSIA)   Relative Humidity (%)   Chemical Spray   Radiation (Rad)   Aging   Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: <b>POSITION SWITCH</b>  Manufacturer: <b>NAMCO</b> <b>SNAPLOCK</b> Model Number: <b>SASA</b>  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (C)			
	Radiation (Rad)			REF. (D)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR FIGURES 5.2.11 & 5.2.12 C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: AO-3-220-44 Component: POSITION SWITCH	Temperature (°F)	
Manufacturer: NAMCO SNAPLOCK Model Number: SA5A	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging -	
Elevation	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: AO-3-220-45 Component: POSITION SWITCH	Temperature (°F)	
Manufacturer: NAMCO SNAPLOCK Model Number: SA5A	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-220-51 Component: POSITION SWITCH	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer: NAMCO SNAPLOCK Model Number: SA5A	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service:	Chemical Spray	DEMIN WATER
Accuracy: Spec: Demo:	Radiation (Rad)	3.3 E05
Location DRYWELL AZIMUTH 270	Aging	
Elevation 585'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-220-52 Component: POSITION SWITCH	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer: NAMCO SNAPLOCK Model Number: SA5A	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service:	Chemical Spray	DEMIN WATER
Accuracy: Spec: Demo:	Radiation (Rad)	3.3 E05
Location DRYWELL AZIMUTH 270	Aging	
Elevation 585'0"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: CAT. # WPH8300B61F  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (1)
	Radiation (Rad)			REF. (D)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR FIGURES 5.2.10 & 5.2.11 C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: AO-3-220-45 Component: SOLENOID VALVE	Temperature (°F)	
Manufacturer: ASCO	Pressure (PSIA)	
Model Number: CAT. # WPH8300B61F	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: PILOT SOLENOID FOR RECIRCULATION LOOP SAMPLING VALVE AO-3-220-45	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location	Submergence	NA
Elevation 585'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-220-51 Component: SOLENOID VALVE	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Model Number: CAT. # WPH8300B61F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: PILOT SOLENOID FOR REACTOR VESSEL HEAD LEAKOFF VALVE AO-3-220-51	Radiation (Rad)	3.3 E05
Accuracy: Spec: Demo:	Aging	
Location	Submergence	NA
INSIDE DRYWELL Elevation 585'0"		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>MELETRON</b>  Model Number: <b>372-665-49A</b>  Purchase Order Number: <b>GE HO763</b>  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (*F)	242		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	7.0 E04		REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SPECIAL REPORT NO 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-51A Component: PRESSURE SWITCH	Temperature (*F)	103
Manufacturer: MELETRON	Pressure (PSIA)	14.7
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: ABOVE 600PSIG, ENERGIZES SCRAM	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-51B Component: PRESSURE SWITCH	Temperature (*F)	242
Manufacturer: MELETRON	Pressure (PSIA)	27.0
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: ABOVE 600PSIG, ENERGIZES SCRAM RELAYS	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-52A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: MELETRON	Pressure (PSIA)	14.7
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: INITIATES CORE SPRAY AND LPCI ON LOW REACTOR PRESSURE	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-52B Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: MELETRON	Pressure (PSIA)	27.0
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: INITIATES CORE SPRAY AND LPCI ON LOW REACTOR PRESSURE	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS		NA			
Plant I.D. Number: SEE ATTACHED SHEETS Component: PRESSURE SWITCH	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Manufacturer: BARKSDALE	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Model Number: B2T-M1255-GE	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Purchase Order Number: M-77-81	Chemical Spray	NA	NA	NA	NA	NA	NA
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	7.0 E04		REF. (B)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging						SEE NOTE (1)
Location: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	NA
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-53A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: OPENS ISOLATION CONDENSER VALVE MO-2-1301-3 ON HIGH REACTOR PRESSURE	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-53B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: OPENS ISOLATION CONDENSER VALVE MO-2-1301-3 ON HIGH REACTOR PRESSURE	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
Component: SOLENOID VALVE	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
Manufacturer: ASCO	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
Model Number: CAT. # WPH8300B61F	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (1)
Purchase Order Number:	Radiation (Rad)			REF. (D)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging						SEE NOTE (1)
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR FIGURES 5.2.10 & 5.2.11 C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: AO-3-220-45 Component: SOLENOID VALVE	Temperature (*F)	
Manufacturer: ASCO	Pressure (PSIA)	
Model Number: CAT. # WPH8300B61F	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service: PILOT SOLENOID FOR RECIRCULATION LOOP SAMPLING VALVE AO-3-220-45	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location	Submergence	NA
Elevation 585'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-220-51 Component: SOLENOID VALVE	Temperature (*F)	NORMAL 150 LOCA 281
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Model Number: CAT. # WPH8300B61F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: PILOT SOLENOID FOR REACTOR VESSEL HEAD LEAKOFF VALVE AO-3-220-51	Radiation (Rad)	3.3 E05
Accuracy: Spec: Demo:	Aging	
Location	Submergence	NA
INSIDE DRYWELL Elevation 585'0"		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	1 MINUTE
Plant I.D. Number: AD-3-220-52 Component: SOLENOID VALVE	Temperature (°F)	NORMAL 150 LOCA 281
Manufacturer: ASCO	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Model Number: CAT. # WPH8300B61F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	DEMIN WATER
Function/Service: PILOT SOLENOID FOR REACTOR VESSEL HEAD LEAKOFF VALVE AD-3-220-52	Radiation (Rad)	3.3 E05
Accuracy: Spec: Demo:	Aging	
Location  INSIDE DRYWELL Elevation 585'0"	Submergence	NA
Flood Level Elevation: 505'6" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location  Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: SEE ATTACHED SHEETS Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>MELETRON</b>  Model Number: <b>372-665-49A</b>  Purchase Order Number: <b>GE HO763</b>  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	7.0 E04		REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SPECIAL REPORT NO 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-51A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: MELETRON	Pressure (PSIA)	14.7
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: ABOVE 600PSIG, ENERGIZES SCRAM	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-51B Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: MELETRON	Pressure (PSIA)	27.0
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: ABOVE 600PSIG, ENERGIZES SCRAM RELAYS	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-52A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: MELETRON	Pressure (PSIA)	14.7
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: INITIATES CORE SPRAY AND LPCI ON LOW REACTOR PRESSURE	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-52B Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: MELETRON	Pressure (PSIA)	27.0
Model Number: 372-665-49A	Relative Humidity (%)	100
Purchase Order Number: GE H0763	Chemical Spray	NA
Function/Service: INITIATES CORE SPRAY AND LPCI ON LOW REACTOR PRESSURE	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>BARKSDALE</b>  Model Number: <b>B2T-M1255-GE</b>  Purchase Order Number: <b>M-77-81</b>  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			
	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)	7.0 E04		REF. (B)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-53A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: OPENS ISOLATION CONDENSER VALVE MD-2-1301-3 ON HIGH REACTOR PRESSURE	Radiation (Rad)	7.0 EO4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-53B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: OPENS ISOLATION CONDENSER VALVE MD-2-1301-3 ON HIGH REACTOR PRESSURE	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-262-53C Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: BARKSDALE	Pressure (PSIA)	27.0
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: OPENS ISOLATION CONDENSER VALVE MO-2-1301-3 ON HIGH REACTOR PRESSURE	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-53D Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: BARKSDALE	Pressure (PSIA)	27.0
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: OPENS ISOLATION CONDENSER VALVE MO-2-1301-3 ON HIGH REACTOR PRESSURE	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-55A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-55B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM ENERGIZES SCRAM RELAY	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-55C Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: BARKSDALE	Pressure (PSIA)	27.0
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	3.4 EO4
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-55D Component: PRESSURE SWITCH	Temperature (°F)	242
Manufacturer: BARKSDALE	Pressure (PSIA)	27.0
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: M-77-81	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	3.4 EO4
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION  Plant I.D. Number: SEE ATTACHED SHEETS Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY  Model Number: 4418C  Purchase Order Number: GE H0815  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			
	Temperature (°F)	242	212	REF. (A)	REF. (B)		SEE NOTE (1)
	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100	96	REF. (A)	REF. (B)		SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	7.0 E04		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975. B. REPORT NO DV145C3031- QUALIFICATION DESIGN VERIFICATION FILE, YARWAY 4418C, CE, EC C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-57A Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY	Temperature (*F)	103
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE H0815	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LOW LOW WATER LEVEL ALARM	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	7.0 E04
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-57B Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY	Temperature (*F)	103
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE H0815	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LOW LOW WATER LEVEL ALARM	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	7.0 E04
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-58A Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY	Temperature (°F)	242
Model Number: 4418C	Pressure (PSIA)	27.0
Purchase Order Number: GE H0815	Relative Humidity (%)	100
Function/Service: START AND TRIP SIGNALS TO HPCI LPCI, AND SERVICE WATER PUMPS	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.4 E04
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-58B Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY	Temperature (°F)	242
Model Number: 4418C	Pressure (PSIA)	27.0
Purchase Order Number: GE H0815	Relative Humidity (%)	100
Function/Service: START AND TRIP SIGNALS TO HPCI LPCI, AND SERVICE WATER PUMPS	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.4 E04
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-59A	Temperature ("F)	103
Component: LEVEL INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: YARWAY	Relative Humidity (%)	100
Model Number: 4418C	Chemical Spray	NA
Purchase Order Number: GE H0815	Radiation (Rad)	7.0 E04
Function/Service: TRIP MAIN TURBINE AND FEEDWATER PUMPS SWITCHOVER OF LEVEL CONTROL TO/FROM FEEDWATER SYSTEM	Aging	NOT REQD.
Accuracy: Spec: Demo:	Submergence	NA
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Flood Level Elevation: NA Above Flood Level: Yes: No:	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-59B	Temperature ("F)	242
Component: LEVEL INDICATING SWITCH	Pressure (PSIA)	27.0
Manufacturer: YARWAY	Relative Humidity (%)	100
Model Number: 4418C	Chemical Spray	NA
Purchase Order Number: GE H0815	Radiation (Rad)	3.4 E04
Function/Service: TRIP MAIN TURBINE AND FEEDWATER PUMPS, SWITCHOVER OF LEVEL CONTROL TO/FROM FEEDWATER SYSTEM	Aging	NOT REQD.
Accuracy: Spec: Demo:	Submergence	NA
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Flood Level Elevation: NA Above Flood Level: Yes: No:	



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-72A Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY	Temperature (°F)	103
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE H0815	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LOW LOW ALARM, INITIATE CORE SPRAY	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	7.0 E04
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-3-263-72B Component: LEVEL INDICATING SWITCH Manufacturer: YARWAY	Temperature (°F)	242
Model Number: 4418C	Pressure (PSIA)	27.0
Purchase Order Number: GE H0815	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LOW LOW ALARM, INITIATE CORE SPRAY	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.4 E04
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: LIS-3-263-72C Component: <b>LEVEL INDICATING SWITCH</b> Manufacturer: YARWAY  Model Number: 4418C  Purchase Order Number: GE H0815  Function/Service: <b>REACTOR VESSEL LOW LOW ALARM, INITIATE CDRE SPRAY</b>  Accuracy: Spec: Demo:  Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Operating Time	CONTINUOUS
	Temperature (°F)	103
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	7.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: LIS-3-263-72D Component: <b>LEVEL INDICATING SWITCH</b> Manufacturer: YARWAY  Model Number: 4418C  Purchase Order Number: GE H0815  Function/Service: <b>REACTOR VESSEL LOW LOW ALARM, INITIATE CORE SPRAY</b>  Accuracy: Spec: Demo:  Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Operating Time	CONTINUOUS
	Temperature (°F)	242
	Pressure (PSIA)	27.0
	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	3.4 E04
	Aging	
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Component: LEVEL TRANSMITTER	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number: GE/MAC 553	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: SEE ATTACHED SHEETS	Radiation (Rad)	7.0 E04		REF. (B)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging						SEE NOTE (1)
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LT-3-646A Component: LEVEL TRANSMITTER	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: GE/MAC 553	Relative Humidity (%)	100
Purchase Order Number: GE H1158 MANUAL GEK 13969-10 Function/Service: REACTOR VESSEL LEVEL INDICATION	Chemical Spray	NA
	Radiation (Rad)	7.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LT-3-646B Component: LEVEL TRANSMITTER	Temperature (°F)	242
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	27.0
Model Number: GE/MAC 553	Relative Humidity (%)	100
Purchase Order Number: GE H1158 MANUAL GEK 13969-10 Function/Service: REACTOR VESSEL LEVEL INDICATION	Chemical Spray	NA
	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LT-3-263-61 Component: LEVEL TRANSMITTER	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: GE/MAC 553	Relative Humidity (%)	100
Purchase Order Number: GE H0566 MANUAL GEK 13969-10 Function/Service: REACTOR VESSEL LEVEL INDICATION	Chemical Spray	NA
	Radiation (Rad)	7.0 EO4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: LITS-3-263-73A&B Component: <b>LEVEL INDICATING TRANSMITTING SWITCH</b> Manufacturer: YARWAY  Model Number: 4418CE  Purchase Order Number: GE H1199  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo:  Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.1 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. FSAR SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LITS-3-263-73A Component: LEVEL INDICATING TRANSMITTING SWITCH Manufacturer: YARWAY	Temperature (°F)	103
Model Number: 4418CE	Pressure (PSIA)	14.7
Purchase Order Number: GE H1199	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LEVEL INDICATION CONTAINMENT SPRAY INTERLOCK	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	2.1 E06
Location RACK 2203-7 COLUMNS 49 & K Elevation 517'6"	Aging	NOT REOD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LITS-3-263-73B Component: LEVEL INDICATING TRANSMITTING SWITCH Manufacturer: YARWAY	Temperature (°F)	103
Model Number: 4418CE	Pressure (PSIA)	14.7
Purchase Order Number: GE H1199	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LEVEL INDICATION CONTAINMENT SPRAY INTERLOCK	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	2.1 E06
Location RACK 2203-8 COLUMNS 45 & K Elevation 517'6"	Aging	NOT REOD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: PS-3-263-111A,B,C,D Component: <b>PRESSURE SWITCH</b>  Manufacturer: <b>BARKSDALE</b>  Model Number: <b>B2T-M1255-GE</b>  Purchase Order Number: <b>GE 209A4965P1</b>  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.1 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. FSAR SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-111A Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1	Chemical Spray	NA
Function/Service: PERMISSIVE FOR LPCI LOOP SELECTION DELAY	Radiation (Rad)	2.1 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-7 COLUMNS 49 & K Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-111B Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1	Chemical Spray	NA
Function/Service: PERMISSIVE FOR LPCI LOOP SELECTION DELAY	Radiation (Rad)	2.1 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-8 COLUMNS 45 & K Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-111C Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1	Chemical Spray	NA
Function/Service: PERMISSIVE FOR LPCI LOOP SELECTION DELAY	Radiation (Rad)	2.1 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-7 COLUMNS 49 & K Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PS-3-263-111D Component: PRESSURE SWITCH	Temperature (°F)	103
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M1255-GE	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1	Chemical Spray	NA
Function/Service: PERMISSIVE FOR LPCI LOOP SELECTION DELAY	Radiation (Rad)	2.1 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location RACK 2203-8 COLUMNS 45 & K Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS		NA			
Plant I.D. Number: SEE ATTACHED SHEETS Component: PRESSURE TRANSMITTER	Temperature (°F)	242	212	REF. (A)	REF. (B)		SEE NOTE (1)
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	27.0		REF. (A)			
Model Number: GE/MAC 551 CAT # 50-55-1032GAAH1	Relative Humidity (%)	100	95	REF. (A)	REF. (B)		SEE NOTE (1)
Purchase Order Number: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	7.0 E04		REF. (C)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging						SEE NOTE (1)
Location: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO. 37, REV 1, FEB 1975. B. DV1453006-QUALIFICATION DESIGN VERIFICATION FILE GE/MAC 551 C. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PT-3-647A Component: PRESSURE TRANSMITTER	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: GE/MAC 551 CAT # 50-55-1032GAAH1 Purchase Order Number: GE H1158	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL PRESSURE INDICATION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	7.0 E04
Location RACK 2203-5 COLUMNS 49 & K Elevation 545'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PT-3-647B Component: PRESSURE TRANSMITTER	Temperature (°F)	242
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	27.0
Model Number: GE/MAC 551 CAT # 50-55-1032GAAH1 Purchase Order Number: GE H1158	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL PRESSURE INDICATION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.4 E04
Location RACK 2203-6 COLUMNS 48 & M Elevation 545'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: PT-3-662 Component: PRESSURE TRANSMITTER	Temperature (°F)	242
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	27.0
Model Number: GE/MAC 551 CAT # 50-55-1032GAAH1	Relative Humidity (%)	100
Purchase Order Number: GE 120-1991	Chemical Spray	NA
Function/Service: REACTOR VESSEL PRESSURE INDICATION	Radiation (Rad)	3.4 E04
Accuracy: Spec: Demo:	Aging	
Location RACK 2203-6 COLUMNS 47 & M Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-202-4A&B Component: <b>MOTOR OPERATED VALVE</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MD-3-202-4A Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MD-3-202-4B Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-202-5A&B Component: <b>MOTOR OPERATED VALVE</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-5A Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: - No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-5B Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-202-6A&B Component: <b>MOTOR OPERATED VALVE</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time						SEE NOTE (1)
	Temperature (*F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-6A	Temperature (°F)	
Component: MOTOR OPERATED VALVE	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-6B	Temperature (°F)	
Component: MOTOR OPERATED VALVE	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-202-7A&B Component: <b>MOTOR OPERATED VALVE</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						SEE NOTE (1)
	Temperature (*F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-7A Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (°F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location		
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-7B Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (°F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location		
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: MO-3-202-9A&B Component: <b>MOTOR OPERATED VALVE</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-9A Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: MO-3-202-9B Component: MOTOR OPERATED VALVE Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time						SEE NOTE (1)
Plant I.D. Number: DPIS-3-261-34A,B,C,D	Temperature (°F)						SEE NOTE (1)
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)						SEE NOTE (1)
Manufacturer:							
Model Number:	Relative Humidity (%)						SEE NOTE (1)
Purchase Order Number:	Chemical Spray						SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)						SEE NOTE (1)
Accuracy: Spec: Demo:	Aging						SEE NOTE (1)
Location: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-34A	Temperature (°F)	
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-34B	Temperature (°F)	
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	NA
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-34C Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-34D Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>REACTOR RECIRCULATION</b>  Plant I.D. Number: DPIS-3-261-35A-H Component: <b>DIFFERENTIAL PRESSURE            INDICATING SWITCH</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT MANUFACTURER, LOCATION & MODEL NUMBER. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Demo:	Radiation (Rad)	
Location	Aging	
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35C Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
	Aging	
Accuracy: Spec: Location Demo:	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35D Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
	Aging	
Accuracy: Spec: Location Demo:	Submergence	NA
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35E Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (*F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location		
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35F Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (*F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Demo:	Aging	
Location		
Elevation	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35G Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Location Demo:	Radiation (Rad)	
Elevation	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	
Plant I.D. Number: DPIS-3-261-35H Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: Location Demo:	Radiation (Rad)	
Elevation	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION  Plant I.D. Number: AO-3-220-44 Component: SOLENOID VALVE  Manufacturer: JAMESBURY CORP  Model Number: 2063803F  Purchase Order Number:  Function/Service: PILOT SOLENOID FOR RECIRCULATION LOOP SAMPLING VALVE AO-3-220-44  Accuracy: Spec: NA Demo: NA  Location: DRYWELL AZIMUTH 270  Elevation: 585' 0"  Flood Level Elevation: 505' 6" Above Flood Level: Yes: X No:	Operating Time	1 MINUTE		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (1)
	Radiation (Rad)			REF. (D)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR FIGURES 5.2.11 & 5.2.12 C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PROCESS RADIATION MONITORING  Plant I.D. Number: RE-3-1734A-D Component: RADIATION ELEMENT ION CHAMBER Manufacturer: GENERAL ELECTRIC  Model Number:  Purchase Order Number: GE 120-1917 MANUAL GEK-786 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	10 MINUTES		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 242		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HEL B 27.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.8 EO4		REF. (C)			SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THESE MONITORS ARE PROVIDED TO DETECT AN ABNORMAL CONDITION WHICH RESULTS IN HIGH STEAM LINE RADIATION THE HIGH RADIATION WOULD BE DETECTED IMMEDIATELY. TEN MINUTES IS CONSERVATIVELY ASSUMED. B. FSAR SECTION 10.11 AND SPECIAL REPORT NO. 37 REV. 1 FEB. 1975	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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### EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
C. BECHTEL RADIATION STUDY	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	10 MINUTES
Plant I.D. Number: RE-3-1734A Component: RADIATION ELEMENT ION CHAMBER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	NORMAL 120 HELB 242
Model Number:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE 120-1917 MANUAL GEK-786 Function/Service: MAIN STEAM LINE A RADIATION MONITORING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location STEAM TUNNEL	Radiation (Rad)	1.8 E04
Elevation 529'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	10 MINUTES
Plant I.D. Number: RE-3-1734B Component: RADIATION ELEMENT ION CHAMBER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	NORMAL 120 HELB 242
Model Number:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE 120-1917 MANUAL GEK-786 Function/Service: MAIN STEAM LINE D RADIATION MONITORING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location STEAM TUNNEL	Radiation (Rad)	1.8 E04
Elevation 529'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	10 MINUTES
Plant I.D. Number: RE-3-1734C Component: RADIATION ELEMENT ION CHAMBER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	NORMAL 120 HELB 242
Model Number:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE 120-1917 MANUAL GEK-786 Function/Service: MAIN STEAM LINE RADIATION MONITORING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location STEAM TUNNEL	Radiation (Rad)	1.8 EO4
Elevation 529'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	10 MINUTES
Plant I.D. Number: RE-3-1734D Component: RADIATION ELEMENT ION CHAMBER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	NORMAL 120 HELB 242
Model Number:	Pressure (PSIA)	NORMAL 14.7 HELB 27.0
Purchase Order Number: GE 120-1917 MANUAL GEK-786 Function/Service: MAIN STEAM LINE C RAD	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location STEAM TUNNEL	Radiation (Rad)	1.8 EO4
Elevation 529'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>PROCESS RADIATION MONITORING</b>  Plant I.D. Number: RE-3-1735A,B Component: <b>RADIATION ELEMENT SENSOR AND CONVERTER</b> Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number:  Purchase Order Number: GE-120-1917 MANUAL GEK-802-D Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THESE MONITORS USED TO DETECT THE RELEASE OF RADIOACTIVE MATERIAL. THIS VENTILATION SYSTEM IS ISOLATED FOLLOWING AN ACCIDENT AND THE STANDBY GAS TREATMENT SYSTEM UTILIZED. EQUIPMENT WOULD THEREFORE ONLY BE REQUIRED TO FUNCTION UNTIL STANDBY GAS TREATMENT SYSTEM START. REFERENCE FSAR FIGURE 8.2.5 FOR START TIME.	

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	
Plant I.D. Number: RE-3-1735A Component: RADIATION ELEMENT SENSOR AND CONVERTER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: GE 120-1917 MANUAL GEK-802-D Function/Service: REACTOR BLDG VENTILATION RADIATION MONITORING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: BETWEEN COL. 39 & 40 BETWEEN COL. J & K Elevation 570'0"	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	
Plant I.D. Number: RE-3-1735B Component: RADIATION ELEMENT SENSOR AND CONVERTER Manufacturer: GENERAL ELECTRIC	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: GE 120-1917 MANUAL GEK-802-D Function/Service: REACTOR BLDG VENTILATION RADIATION MONITORING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: VENTILATION ROOM REACTOR BUILDING Elevation 570'0"	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR BLDG VENTILATION  Plant I.D. Number: AO-3-5741A.B Component: SOLENOID VALVE  Manufacturer: VERSA  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	



Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 403  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BLDG VENTILATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-5741A Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: VERSA	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: AIR SUPPLY CONTROL FOR AO-3-5741-A	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REOD.
Location VENTILATION ROOM	Submergence	NA
Elevation 613'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BLDG VENTILATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-5741B Component: SOLENOID VALVE	Temperature (°F)	103
Manufacturer: VERSA	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: AIR SUPPLY CONTROL FOR AO-3-5741-B	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REOD.
Location VENTILATION ROOM	Submergence	NA
Elevation 613'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 404  
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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR BLDG VENTILATION  Plant I.D. Number: AO-3-5742A,B Component: SOLENOID VALVE  Manufacturer: VERSA  Model Number: VGS-4422  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy; Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 405  
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 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BLDG VENTILATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-5742-A Component: SOLENOID VALVE	Temperature (*F)	103
Manufacturer: VERSA	Pressure (PSIA)	14.7
Model Number: VGS-4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: AIR SUPPLY CONTROL FOR AO-3-5742-A	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location VENTILATION ROOM	Submergence	NA
Elevation 613'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BLDG VENTILATION	Operating Time	1 MINUTE
Plant I.D. Number: AO-3-5742-B Component: SOLENOID VALVE	Temperature (*F)	103
Manufacturer: VERSA	Pressure (PSIA)	14.7
Model Number: VGS-4422	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: AIR SUPPLY CONTROL FOR AO-3-5742-B	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location VENTILATION ROOM	Submergence	NA
Elevation 613'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

G-0858-03

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 406  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC  Plant I.D. Number: 2/3-5772-100 Component: ISOLATION DAMPER AND SOLENOID VALVES(2) Manufacturer: JOHNSON SERVICE  Model Number: V6183  Purchase Order Number:  Function/Service: DIESEL GENERATOR ROOM FIRE DAMPER  Accuracy: Spec: NA Demo: NA  Location: UNIT 2/3 DG ROOM  Elevation: 527'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	30 DAYS	NOT REQD.	REF. (A)	NOT REQD.		SEE NOTE (1)
	Temperature (°F)	120	NOT REQD.	REF. (B)	NOT REQD.		SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 407  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC  Plant I.D. Number: 2/3-5772-99 Component: DAMPER AND SOLENOID VALVES (2) Manufacturer: JOHNSON SERVICE  Model Number: V6183 32280 Purchase Order Number:  Function/Service: DIESEL GENERATOR ROOM INLET DAMPER  Accuracy: Spec: NA Demo: NA Location: UNIT 2/3 DG ROOM  Elevation: 517'6"	Operating Time	30 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC  Plant I.D. Number: 2/3-5772-101 Component: ISOLATION DAMPER AND SOLENOID VALVES(2) Manufacturer: JOHNSON SERVICE  Model Number: V6183 32280 Purchase Order Number:  Function/Service: DIESEL GENERATOR ROOM FIRE DAMPER  Accuracy: Spec: NA Demo: NA Location: UNIT 2/3 DG ROOM  Elevation: 517'6"	Operating Time	30 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM OFFICE DRYWELL HVAC  Plant I.D. Number: 2/3-5731 Component: SUPPLY AIR FAN  Manufacturer: BUFFALO FORGE  Model Number: 250 PCM SHIP# 68K3684 Purchase Order Number: 3447-178 SPEC K-2259 Function/Service: AIR SUPPLY TO COMPUTER ROOM AND CONTROL ROOM  Accuracy: Spec: Demo: Location: ABOVE CONTROL ROOM  Elevation: 551'0"	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (A)	NOT REQD.		
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. BECHTEL RADIATION STUDY	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE DRYWELL HVAC  Plant I.D. Number: 2/3-9472-024 Component: DAMPER AND SOLENOID  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: ISOLATION DAMPER  Accuracy: Spec: NA Demo: NA Location: ABOVE CONTROL ROOM  Elevation: 551'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (A)	NOT REQD.		
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. BECHTEL RADIATION STUDY	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS



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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM OFFICE DRYWELL HVAC  Plant I.D. Number: 2/3-9472-023 Component: DAMPER  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: ISOLATION DAMPER  Accuracy: Spec: NA Demo: NA Location: ABOVE CONTROL ROOM  Elevation: 551'0"  Flood Level Elevation: NA Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04		REF. (A)			
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. BECHTEL RADIATION STUDY	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC  Plant I.D. Number: 2/3-5728 Component: AIR FAN  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: RETURN AIR FAN  Accuracy: Spec: NA Demo: NA Location: ABOVE CONTROL ROOM  Elevation: 551'0"  Flood Level Elevation: NA Above Flood Level: Yes:     No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (A)	NOT REQD.		
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. BECHTEL RADIATION STUDY	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC  Plant I.D. Number: 2/3-5790 Component: FAN  Manufacturer: TRANE  Model Number:  Purchase Order Number:  Function/Service: DIESEL GENERATOR ROOM FAN  Accuracy: Spec: NA Demo: NA Location: UNIT 2/3 DG ROOM  Elevation: 517'6"	Operating Time	30 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. THE DIESEL ROOM FAN WILL BE REQUIRED UNTIL OFFSITE POWER CAN BE RESTORED AFTER A LOSS OF OFFSITE POWER. THIS IS ASSUMED TO BE 30 DAYS. B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC	Operating Time	CONTINUOUS		NA			
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (*F)						SEE NOTE (1)
Component: COMPRESSOR	Pressure (PSIA)						SEE NOTE (1)
Manufacturer:	Relative Humidity (%)						SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (A)	NOT REQD.		
Function/Service: SEE ATTACHED SHEETS	Aging						SEE NOTE (1)
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. BECHTEL RADIATION STUDY	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 415  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROOM, OFFICE, DRYWELL HVAC	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-2A Component: COMPRESSOR	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	NA
Function/Service: CONTROL ROOM AIR CONDITIONING	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location ABOVE CONTROL ROOM	Submergence	NA
Elevation 551'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROOM, OFFICE, DRYWELL HVAC	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-2B Component: COMPRESSOR	Temperature (°F)	
Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	NA
Function/Service: CONTROL ROOM AIR CONDITIONING	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	
Location ABOVE CONTROL ROOM	Submergence	NA
Elevation 551'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM, OFFICE, & DRYWELL HVAC  Plant I.D. Number: 213-5772-62 Component: DAMPER  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location: ON MIXING BOX 5731  Elevation: 545'0"	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION & ESTABLISH DETERMINE EQUIPMENT LOCATION AND ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS ENVIRONMENTAL SERVICE CONDITIONS

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM OFFICE & DRYWELL HVAC  Plant I.D. Number: SE-2/3-8941-013 Component: SMOKE DETECTOR  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION & ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM OFFICE & DRYWELL HVAC  Plant I.D. Number: SO-2/3-9441-003 Component: SOLENOID VALVE  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION & ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS



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 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM OFFICE & DRYWELL HVAC  Plant I.D. Number: SO-2/3-9441-004 Component: SOLENOID VALVE  Manufacturer:  Model Number:  Purchase Order Number:  Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level: Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. DETERMINE EQUIPMENT LOCATION & ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY AC POWER</b>  Plant I.D. Number: 2/3 & 3-5209 Component: <b>STANDBY DIESEL GENERATOR</b> Manufacturer: <b>GENERAL MOTORS</b>  Model Number: <b>A-20-C1</b>  Purchase Order Number: 3447-132 SPEC K2183 Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HELB 213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HELB 14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT NO 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 3-5209 Component: STANDBY DIESEL GENERATOR Manufacturer: GENERAL MOTORS	Temperature (°F)	NORMAL 120 HELB 213
Model Number: A-20-C1	Pressure (PSIA)	NORMAL 14.7 HELB 14.9
Purchase Order Number: 3447-132 SPEC K2183 Function/Service: PROVIDE AC POWER DURING LOSS OF OFFSITE POWER	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location 10'0"N OF COL H 8'0"W OF COL 34 Elevation 517'6"	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 2/3-5209 Component: STANDBY DIESEL GENERATOR Manufacturer: GENERAL MOTORS	Temperature (°F)	120
Model Number: A-20-C1	Pressure (PSIA)	14.7
Purchase Order Number: 3447-132 SPEC K2183 Function/Service: PROVIDE AC POWER DURING LOSS OF OFFSITE POWER	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location 50'0"S OF COL N ON COL 45 Elevation 517'6"	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: SWGR 33-1, SWGR 34-1 Component: 4.16 KV SWITCHGEAR  Manufacturer: GENERAL ELECTRIC NPO195A4072 Model Number: MAGNEBLAST BREAKERS TYPE AMH 4.76-250 Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.1 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: SWGR 33-1 Component: 4.16 KV SWITCHGEAR	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC NPO195A4072	Pressure (PSIA)	14.7
Model Number: MAGNEBLAST BREAKERS TYPE AMH 4.76-250 Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	5.0 E05
Location BETWEEN COL 47 & 48 BETWEEN COL M & N	Aging	NOT REOD.
Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: SWGR 34-1 Component: 4.16 KV SWITCHGEAR	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC NPO195A4072	Pressure (PSIA)	14.7
Model Number: MAGNEBLAST BREAKERS TYPE AMH 4.76-250 Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E06
Location BETWEEN COL 48 & 49 BETWEEN COL M & N	Aging	NOT REOD.
Elevation 545'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 424  
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: SWGR 38 & 39 Component: 480 V SWITCHGEAR  Manufacturer: GENERAL ELECTRIC  Model Number: TYPE AKD5  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.0 E04		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: SWGR 38 Component: 480 V SWITCHGEAR	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: TYPE AKD5	Relative Humidity (%)	100
Purchase Order Number: REQ NO. 291-57145-A	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	3.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BETWEEN COL 46&47 BETWEEN COL M&N Elevation 570'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: SWGR 39 Component: 480 V SWITCHGEAR	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: TYPE AKD5	Relative Humidity (%)	100
Purchase Order Number: REQ NO. 391-2305-8 391-571458A Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BETWEEN COL 46&47 BETWEEN COL M&N Elevation 570'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY AC POWER</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>480 V MCC</b>  Manufacturer: <b>GENERAL ELECTRIC</b>  Model Number: <b>7700</b>  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time	CONTINUOUS		NA			
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7		REF. (A)			
	Relative Humidity (%)	100		REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.0 E06		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 38-1 Component: 480 V MCC	Temperature (*F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	2.0 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BETWEEN COL M&N BETWEEN COL 49&50 Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 38-2 Component: 480 V MCC	Temperature (*F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BETWEEN COL F&G BETWEEN COL 52&53 Elevation 538'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 38-3 Component: 480 V MCC	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	3.6 E05
Accuracy: Spec: N/A Demo: N/A	Aging	NOT REQD.
Location BETWEEN COL F&G BETWEEN COL 52&53 Elevation 538'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 38-7 Component: 480 V MCC	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	3.6 E05
Accuracy: Spec: N/A Demo: N/A	Aging	NOT REQD.
Location BETWEEN COL M&N BETWEEN COL 47&48 Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 39-1 Component: 480 V MCC	Temperature (*F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	2.0 E06
Accuracy: Spec: N/A Demo: N/A	Aging	NOT REQD.
Location BETWEEN COL K&L BETWEEN COL 44&45 Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 39-2 Component: 480 V MCC	Temperature (*F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: N/A Demo: N/A	Aging	NOT REQD.
Location AUX ELECTRICAL EQUIPMENT ROOM Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 39-3 Component: 480 V MCC	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	6.1 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BETWEEN COL L & M BETWEEN COL 46 & 47 Elevation 570'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 39-4 Component: 480 V MCC	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	9.7 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BETWEEN COL 44&45 BETWEEN COL L&M Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 39-7 Component: 480 V MCC	Temperature (°F)	103
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	1.5 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BETWEEN COL M&N BETWEEN COL 47&48 Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY AC POWER</b>  Plant I.D. Number: <b>SEE ATTACHED SHEETS</b> Component: <b>120/208 V</b> <b>DISTRIBUTION PANEL</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time						
	Temperature ("F)						
	Pressure (PSIA)						
	Relative Humidity (%)						
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)						
	Aging						
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	
Plant I.D. Number: DP 28-1 Component: 120/208 V DISTRIBUTION PANEL Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service: POWER DISTRIBUTION	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location IN MCC 28-1 NEAR COL L AND COL 38 Elevation 517'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	
Plant I.D. Number: DP 28-2 Component: 120/208 V DISTRIBUTION PANEL Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service: POWER DISTRIBUTION	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location IN MCC 28-2 NEAR COL F AND COL 35 Elevation 517'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 434  
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 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	
Plant I.D. Number: DP 29-1 Component: 120/208 V DISTRIBUTION PANEL Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service: POWER DISTRIBUTION	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location MCC 29-1 NEAR COL 43 AND COL K Elevation 517'6"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	
Plant I.D. Number: DP 29-3 Component: 120/208 V DISTRIBUTION PANEL Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service: POWER DISTRIBUTION	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location MCC 29-3 NEAR COL L AND COL 41 Elevation 570'0"	Aging	
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	

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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 435  
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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: RPS BUS 1&2 Component: 120 V REACTOR PROTECTION SYSTEM BUS Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	NA
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging						SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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 Facility: DRESDEN  
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 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component: 120 V REACTOR PROTECTION SYSTEM BUS	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Location Demo:	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: RPS BUS 2B	Temperature (°F)	213
Component: 120 V REACTOR PROTECTION SYSTEM BUS	Pressure (PSIA)	14.7
Manufacturer:	Relative Humidity (%)	100
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	<1.0 E04
Function/Service: POWER DISTRIBUTION	Aging	
Accuracy: Spec: NA Location Demo: NA	Submergence	
Elevation 517'6"		
Flood Level Elevation: Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 437  
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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>STANDBY AC POWER</b>  Plant I.D. Number: <b>ESSENTIAL SERVICE BUS</b> Component: <b>120/240 V AC</b> <b>ESSENTIAL SERVICE BUS</b> Manufacturer: <b>CUTLER HAMMER UNITROL</b>  Model Number: <b>WESTINGHOUSE BREAKERS</b>  Purchase Order Number:  Function/Service: <b>POWER DISTRIBUTION</b>  Accuracy: Spec: NA Demo: NA  Location: <b>AUX ELECTRICAL</b> <b>EQUIPMENT ROOM</b> Elevation: <b>517' -6"</b>	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO. 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 438  
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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: INSTRUMENT BUS Component: 120/240 V AC INSTRUMENT BUS Manufacturer:  Model Number: 6CF643663  Purchase Order Number:  Function/Service: POWER DISTRIBUTION  Accuracy: Spec: NA Demo: NA  Location: AUX ELECTRICAL EQUIPMENT ROOM Elevation: 517'6"	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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Component Sheet No: 439  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: ESSENTIAL BUS MMG SET Component: 120/240 V AC ESSENTIAL BUS SUPPLY Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: PROVIDE UNINTERRUPTIBLE POWER FOR CONTROLS  Accuracy: Spec: NA Demo: NA  Location: AUX ELECTRICAL EQUIPMENT ROOM Elevation: 517'-6"  Flood Level Elevation: Above Flood Level: Yes:       No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (*F)	213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 37, REV 1, 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 440  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: SEE ATTACHED SHEETS Component: DIESEL GENERATOR EXCITATION CABINET Manufacturer: VICKERS INC  Model Number: 35 D 870-2  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 147 HEL B 14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: DIESEL GENERATOR EXCITATION CABINET Manufacturer: VICKERS INC	Temperature (°F)	NORMAL 120 HELB 213
Model Number: 35 D 870-2	Pressure (PSIA)	NORMAL 14.7 HELB 14.9
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: EXCITATION OF VOLTAGE REGULATION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 3	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: CAB-2223-41 Component: DIESEL GENERATOR EXCITATION CABINET Manufacturer: VICKERS INC	Temperature (°F)	103
Model Number: 35 D 870-2	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: EXCITATION OF VOLTAGE REGULATION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 2/3	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: SEE ATTACHED SHEETS Component: DIESEL GENERATOR ENGINE CONTROL PANEL Manufacturer: GENERAL MOTORS  Model Number: S20 E4GW  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:      No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HEL B 213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HEL B 14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.



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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: DIESEL GENERATOR ENGINE CONTROL PANEL Manufacturer: GENERAL MOTORS	Temperature (°F)	NORMAL 120 HELB 213
Model Number: S20 E4GW	Pressure (PSIA)	NORMAL 14.7 HELB 14.9
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: DIESEL ENGINE CONTROL	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 3	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: DIESEL GENERATOR ENGINE CONTROL PANEL Manufacturer: GENERAL MOTORS	Temperature (°F)	103
Model Number: S20 E4GW	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: DIESEL ENGINE CONTROL	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 2/3	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: SEE ATTACHED SHEETS Component: DIESEL GENERATOR SPEED SENSING PANEL Manufacturer: GENERAL MOTORS  Model Number: S20 E4GW  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	NORMAL 120 HELB 213		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 HELB 14.9		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: DIESEL GENERATOR SPEED SENSING PANEL Manufacturer: GENERAL MOTORS	Temperature (°F)	NORMAL 120 HELB 213
Model Number: S20 E4GW Purchase Order Number:	Pressure (PSIA)	NORMAL 14.7 HELB 14.9
Function/Service: DIESEL ENGINE SPEED SENSING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location DIESEL ROOM 3	Radiation (Rad)	<1.0 E04
Elevation 517'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: DIESEL GENERATOR SPEED SENSING PANEL Manufacturer: GENERAL MOTORS	Temperature (°F)	103
Model Number: S20 E4GW Purchase Order Number:	Pressure (PSIA)	14.7
Function/Service: DIESEL ENGINE SPEED SENSING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location DIESEL ROOM 2/3	Radiation (Rad)	<1.0 E04
Elevation 517'6"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	NORMAL 120 HELB 213		REF. (A)			SEE NOTE (1)
Component: DIESEL GENERATOR RELAY AND METER PANEL	Pressure (PSIA)	NORMAL 14.7 HELB 14.9		REF. (A)			SEE NOTE (1)
Manufacturer:	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR PARAGRAPH 10.11 AND SPECIAL REPORT 37, REV 1, FEB, 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. THIS EQUIPMENT MAY BE SUBJECTED TO A HARSH ENVIRONMENT DUE TO A FEEDWATER LINE BREAK. THIS IS UNDER REVIEW BY THE NRC AS PART OF THE PIPE BREAK OUTSIDE CONTAINMENT EVALUATION AND ACTION TAKEN TO RESOLVE THE FEEDWATER PIPE BREAK WILL RESOLVE THE HARSH ENVIRONMENT DUE TO HELB.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: DIESEL GENERATOR RELAY AND METER PANEL Manufacturer:	Temperature (°F)	NORMAL 120 HELB 213
Model Number:	Pressure (PSIA)	NORMAL 14.7 HELB 15
Purchase Order Number: SERIAL NO. 265673	Relative Humidity (%)	100
Function/Service: DG 2 PROTECTIVE RELAY AND LOCAL METERING	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 3	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: CAB-2223-33 Component: DIESEL GENERATOR RELAY AND METER PANEL Manufacturer:	Temperature (°F)	103
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number: SERIAL NO. 265674	Relative Humidity (%)	100
Function/Service: DG 2/3 PROTECTIVE RELAY AND LOCAL METERING	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 2/3	Aging	NOT REQD.
Elevation 517'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER  Plant I.D. Number: NONE Component: 4KV NON-SEGREGATED PHASE BUS Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			
	Temperature (°F)	NORMAL 120 HEL B 213		REF. (A)			
	Pressure (PSIA)	NORMAL 14.7 HEL B 14.9		REF. (A)			
	Relative Humidity (%)	100		REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT NO 37, REV 1, FEB 1975 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: 4KV NON-SEGREGATED PHASE BUS Manufacturer:	Temperature (°F)	NORMAL 120 HELB 213
	Pressure (PSIA)	NORMAL 14.7 HELB 14.9
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CONNECTS DG 2 TO 4.16 KV SWGR	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location DIESEL ROOM	Submergence	NA
Elevation 517' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: NONE Component: 4KV NON-SEGREGATED PHASE BUS Manufacturer:	Temperature (°F)	NORMAL 120 HELB 213
	Pressure (PSIA)	NORMAL 14.7 HELB 14.9
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CONNECTS DG 2/3 TO 4.16 KV SWGR	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location DIESEL ROOM	Submergence	NA
Elevation 517' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 250 V BATT CHGR 3 Component: 250 V BATTERY CHARGER  Manufacturer: GOULD  Model Number: GRF240T100X  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: CHARGE 250V BATTERY AND PROVIDE DC POWER  Accuracy: Spec: NA Demo: NA  Location: BATTERY CHARGER ROOM  Elevation: 549'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB. 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 250 V BATT CHR. 2/3 Component: 250 V BATTERY CHARGER  Manufacturer: GOULD  Model Number: GRF-240-T-100X  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: CHARGE 250 V BATTERY AND PROVIDE DC POWER  Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM  Elevation: 545'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (*F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT NO. 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: MCC 3 Component: 250 V DC MOTOR CONTROL CENTER Manufacturer: CUTLER HAMMER UNITROL  Model Number: DIAGRAM 95D9801ED74S BREAKER 45E101G Purchase Order Number: 3447-146 SPEC K2212 Function/Service: DISTRIBUTE DC POWER  Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM  Elevation: 549'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT NO 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: MCC 3 BUS 3A&3B Component: 250 V DC REACTOR BUILDING MCC Manufacturer: CUTLER HAMMER  Model Number: UNITROL(NO TAG)  Purchase Order Number: 3447-149 SPEC K2225 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:       No:	Operating Time	CONTINUOUS	NOT REQD.	NA	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (A)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (A)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.0 E04		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD	NOT	REF. (C)	NOT REQD		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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 Facility: DRESDEN  
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 3 BUS 3A Component: 250 V DC REACTOR BUILDING MCC Manufacturer: CUTLER HAMMER	Temperature (°F)	103
Model Number: UNITROL (NO TAG)	Pressure (PSIA)	14.7
Purchase Order Number: 3447-149 SPEC K2225 Function/Service: DISTRIBUTE DC POWER	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location BETWEEN COLS 46&47 AND COLS M&N Elevation 570'-0"	Radiation (Rad)	3.0 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REQD
	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 3 BUS 3B Component: 250 V DC REACTOR BUILDING MCC Manufacturer: CUTLER HAMMER	Temperature (°F)	103
Model Number: UNITROL (NO TAG)	Pressure (PSIA)	14.7
Purchase Order Number: 3447-149 SPEC K2225 Function/Service: DISTRIBUTES DC POWER	Relative Humidity (%)	100
Accuracy: Spec: NA Demo: NA	Chemical Spray	NA
Location BETWEEN COLS. 46&47 AND COLS. M&N Elevation 570'-0"	Radiation (Rad)	<1.0 E04
Flood Level Elevation: NA Above Flood Level: Yes: No:	Aging	NOT REQD
	Submergence	NA

G-0858-03

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 250 V BATTERIES Component: 250 V DC BATTERY  Manufacturer: GOULD  Model Number: FPS-25  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: STORE AND SUPPLY DC POWER  Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM  Elevation: 549'0"	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1 FEB 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 125 V BATT CHGR 3&3A Component: 125 V BATTERY CHARGER  Manufacturer: GOULD  Model Number: FLOATER CHARGER NO TAG Purchase Order Number: 3447-146 SPEC K2212 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 125 V BATT CHRG 3 Component: 125 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: FLOATER CHARGER NO TAG	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212	Chemical Spray	NA
Function/Service: CHARGE 125V BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BATTERY CHARGER ROOM	Submergence	NA
Elevation 549'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 125 V BATT CHGR 3A Component: 125 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: FLOATER CHARGER NO TAG	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212	Chemical Spray	NA
Function/Service: CHARGE 125V BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BATTERY CHARGER ROOM	Submergence	NA
Elevation 549'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 125 V BATTERY Component: 125 V DC BATTERY  Manufacturer: GOULD  Model Number: FPS-25  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: STORE AND SUPPLY DC POWER  Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM  Elevation: 549'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB. 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 125 V DCDP MAIN BUS 3 Component: 125 V DC TURB BLDG DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER UNITROL  Model Number: DIAGRAM 95D9801ED745 Purchase Order Number: 3447-149 SPEC K2225 Function/Service: DISTRIBUTE DC POWER  Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM  Elevation: 549'0"  Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1 FEB. 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 125 V DCDP RES BUS 2 Component: 125 V DC TURB BLDG DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER UNITROL  Model Number: DIAGRAM 94D7801ED745 Purchase Order Number: 3447-146 SPEC K2212 Function/Service: DISTRIBUTE DC POWER  Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM  Elevation:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB. 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 125 V DCDP MAIN BUS 3 Component: 125 V DC REACTOR BLDG DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER UNITROL  Model Number:  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: DISTRIBUTE DC POWER  Accuracy: Spec: Demo:  Location: IN MCC MAIN BUS 3B NEAR COL 46 & COL M-N Elevation: 570' -0"	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.0 E04		REF. (B)			
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 48/24 V BATT 3A83B Component: 48/24 V BATTERY  Manufacturer: GOULD  Model Number: DPR-9  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1 FEB 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 48/24 V BATT 3A Component: 48/24 V BATTERY	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: DPR-9	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212 Function/Service: STORE AND PROVIDE DC POWER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BATTERY CHARGER ROOM	Submergence	NA
Elevation 549'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 48/24 V BATT 3B Component: 48/24 V BATTERY	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: DPR-9	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212 Function/Service: STORE AND PROVIDE DC POWER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location BATTERY CHARGER ROOM	Submergence	NA
Elevation 549'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 24 V BATT CHRGR 3A&3B Component: 24 V BATTERY CHARGER  Manufacturer: GOULD  Model Number: GRF 24525F30  Purchase Order Number: 3447-146 SPEC K2212 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	14.7	NOT REQD.	REF. (A)	NOT REQD.		
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB. 1975. B. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 24 V BATT CHRG 3A(+) Component: 24 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF 24525F30	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212 Function/Service: CHARGE 48/24 V BATTERY AND PROVIDE DC POWER	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location BATTERY CHARGER ROOM	Aging	NOT REQD.
Elevation 549'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 24 V BATT CHRG 3A(-) Component: 24 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF 24525F30	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212 Function/Service: CHARGE 48/24V BATTERY AND PROVIDE DC POWER	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location BATTERY CHARGER ROOM	Aging	NOT REQD.
Elevation 549'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 24 V BATT CHRG 3B(+) Component: 24 V BATTERY CHARGER	Temperature (*F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF 24525F30	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212 Function/Service: CHARGE 48/24 V BATTERY AND PROVIDE DC POWER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location BATTERY CHARGER ROOM	Submergence	NA
Elevation 549'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 24 V BATT CHRG 3B(-) Component: 24 V BATTERY CHARGER	Temperature (*F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF 24525F30	Relative Humidity (%)	100
Purchase Order Number: 3447-146 SPEC K2212 Function/Service: CHARGE 48/24 V BATTERY AND PROVIDE DC POWER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location BATTERY CHARGER ROOM	Submergence	NA
Elevation 549'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 467  
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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER  Plant I.D. Number: 48/24 V DCDB 3A&B Component: 48/24 V DC DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER UNITROL  Model Number: 6CF643663  Purchase Order Number: 3447-149 SPEC K2225 Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	120		REF. (A)			SEE NOTE (2)
	Pressure (PSIA)	14.7		REF. (A)			SEE NOTE (2)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (B)	NOT REQD.		
	Aging	NOT REQD.	NOT REQD.	REF. (C)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 10.11 AND SPECIAL REPORT 37, REV 1, FEB. 1975. B. BECHTEL RADIATION STUDY C. REPORT SECTION 4.3.6	2. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 468  
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 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 48/24 V DCDB 3A Component: 48/24 V DC DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER UNITROL	Temperature (°F)	120
Model Number: 6CF643663	Pressure (PSIA)	14.7
Purchase Order Number: 3447-149 SPEC K2225 Function/Service: DISTRIBUTE DC POWER	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location BATTERY CHARGER ROOM	Radiation (Rad)	<1.0 EO4
Elevation 549'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 48/24 V DCDB 3B Component: 48/24 V DC DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER UNITROL	Temperature (°F)	120
Model Number: 6CF643663	Pressure (PSIA)	14.7
Purchase Order Number: 3447-149 SPEC K2225 Function/Service: DISTRIBUTE DC POWER	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location BATTERY CHARGER ROOM	Radiation (Rad)	<1.0 EO4
Elevation 549'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>ISOLATION CONDENSER</b>  Plant I.D. Number: MO-3-1301-1 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: TYPE SMB-2-60  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT ISOLATION REACTOR TO ISOLATION CONDENSER  Accuracy: Spec: NA Demo: NA  Location: INSIDE DRYWELL AZIMUTH 90 Elevation: 532'9"	Operating Time	12 DAYS	16 DAYS	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Temperature (°F)	NORMAL 150 LOCA 281	250	REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	39.7	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (1)
	Radiation (Rad)	1.0 E08	2.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	SEE NOTE (1)
	Aging		165 F FOR 199.8 HOURS		REF. (B)	INDIVIDUAL TEST	
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: 505' 6" Above Flood Level: Yes: X No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 AND FSAR SECTION 6.2.3.2 B. REPORT NO 600461-80003, QUALIFICATION TYPE TEST REPORT - LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>ISOLATION CONDENSER</b>  Plant I.D. Number: MD-3-1301-2 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE  Model Number: SMB-4-200  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT ISOLATION REACTOR TO ISOLATION CONDENSER  Accuracy: Spec: NA Demo: NA  Location: OUTSIDE DRYWELL AZIMUTH 90 Elevation: 532'9"	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (*F)	242	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	9.4 E06	1.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	
	Aging		180 C FOR 100 HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. REPORT NO 600426-B0009, QUALIFICATION TYPE TEST REPORT - LIMITORQUE DC VALVE ACTUATORS. ONLY THE MOTOR WAS THERMALLY AGED. LIMITORQUE CORP USES THESE UNITS AT TEMPERATURES OF 300 F CONTINUOUSLY. THEREFORE AGING WAS CONSIDERED NECESSARY FOR THE MOTOR ONLY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA RESOLVE QUALIFICATION TIME. TEMPERATURE PROFILE DOES NOT MEET THE REQUIREMENTS PER IEEE STANDARDS OR THAT OF THE FSAR. TIME TO REACH TEMPERATURE WAS 1 HOUR AND 55 MINUTES. 2. TEST PROCEDURE REQUIRES SATURATED ATMOSPHERE, BUT HUMIDITY WAS NOT MEASURED DURING TEST.

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
C. SPECIAL REPORT NO 37, REV 1, FEB 1975 D. BECHTEL RADIATION STUDY	3. RESOLVE AGING REQUIREMENTS

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EQUIPMENT QUALIFICATION REPORT

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 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: ISOLATION CONDENSER  Plant I.D. Number: MO-3-1301-3 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-1-60  Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: CONTAINMENT ISOLATION ISOLATION CONDENSER RETURN TO REACTOR  Accuracy: Spec: NA Demo: NA Location: OUTSIDE DRYWELL AZIMUTH 180 Elevation: 547' 10"	Operating Time	12 DAYS		REF. (A)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (1)
	Temperature (°F)	242	340	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Pressure (PSIA)	27.0	126.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	SEE NOTE (2)
	Chemical Spray	NA	NA	NA	REF. (D)	NA	
	Radiation (Rad)	6.7 E05	1.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST	
	Aging		180 C FOR 100 HOURS		REF. (B)	INDIVIDUAL TEST	SEE NOTE (3)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes:       No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. REPORT NO 600426-80009, QUALIFICATION TYPE TEST REPORT - LIMITORQUE DC VALVE ACTUATORS. ONLY THE MOTOR WAS THERMALLY AGED. LIMITORQUE CORP USES THESE UNITS AT TEMPERATURES OF 300 F CONTINUOUSLY. THEREFORE AGING WAS CONSIDERED NECESSARY FOR THE MOTOR ONLY.	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA RESOLVE QUALIFICATION TIME. TEMPERATURE PROFILE DOES NOT MEET THE REQUIREMENTS PER IEEE STANDARDS OR THAT OF THE FSAR. TIME TO REACH TEMPERATURE WAS 1 HOUR AND 55 MINUTES. 2. TEST PROCEDURE REQUIRES SATURATED ATMOSPHERE, BUT HUMIDITY WAS NOT MEASURED DURING TEST.

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>C. SPECIAL REPORT NO 37, REV 1, FEB 1975 D. BECHTEL RADIATION STUDY</p>	<p>3. RESOLVE AGING REQUIREMENTS</p>

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 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>ISOLATION CONDENSER</b>  Plant I.D. Number: MO-3-1301-4 Component: <b>MOTOR OPERATED            GATE VALVE</b> Manufacturer: <b>LIMITORQUE (RELIANCE)</b>  Model Number: TYPE SMB SN.79777A Purchase Order Number: 3447-141 SPEC K-2205 Function/Service: <b>CONTAINMENT ISOLATION            ISOLATION CONDENSER            RETURN TO REACTOR</b>  Accuracy: Spec: NA Demo: NA  Location: <b>INSIDE DRYWELL            AZIMUTH 180</b> Elevation: <b>538'0"</b>	Operating Time	12 DAYS	16 DAYS	REF. (A)	REF. (B)		
	Temperature (*F)	NORMAL 150 LOCA 281	250	REF. (A)	REF. (B)		SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	39.7	REF. (A)	REF. (B)		SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)	REF. (B)		
	Chemical Spray	DEMIN WATER		REF. (C)			SEE NOTE (1)
	Radiation (Rad)	1.0 E08	2.0 E07	REF. (D)	REF. (B)		SEE NOTE (1)
	Aging		165 F FOR 199.8 HOURS				SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: 505' 6" Above Flood Level: Yes: X No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 AND FSAR SECTION 6.2.3.2 B. REPORT NO 600461-B0003, QUALIFICATION TYPE TEST REPORT - LIMITORQUE VALVE ACTUATORS FOR CLASS IE SERVICE OUTSIDE PRIMARY CONTAINMENT. C. FSAR SECTION 6.2.4.2.B D. BECHTEL RADIATION STUDY	1. INVESTIGATE EXISTENCE OF ADDITIONAL QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>ISOLATION CONDENSER</b>  Plant I.D. Number: AO-3-1301-17 Component: <b>POSITION SWITCH</b>  Manufacturer: NAMCO SNAP-LOCK Model Number: MARK 11 D1200G Purchase Order Number: 3447-145 SPEC K-2213 Function/Service: <b>POSITION INDICATION FOR VALVE</b> AO-3-1301-17  Accuracy: Spec: NA Demo: NA Location: ALONG N & 49  Elevation: 589'0"  Flood Level Elevation: NA Above Flood Level: Yes:       No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	9.0 EO4		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: ISOLATION CONDENSER  Plant I.D. Number: AO-3-1301-20 Component: POSITION SWITCH  Manufacturer: NAMCO SNAP LOCK Model Number: MARK II D1200G Purchase Order Number: 3447-145 SPEC K-2213 Function/Service: POSITION INDICATION FOR VALVE AO-3-1301-20  Accuracy: Spec: NA Demo: NA Location: ALONG COL N & 49  Elevation: 589'0"	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	9.0 E04		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>ISOLATION CONDENSER</b>  Plant I.D. Number: AO-3-1301-17 Component: <b>SOLENOID VALVE</b>  Manufacturer: ASCO  Model Number: WPHT-8300B61F  Purchase Order Number:  Function/Service: <b>PILOT SOLENOID FOR VALVE AD-3-1301-17</b>  Accuracy: Spec: NA Demo: NA  Location: <b>ALONG N &amp; 49</b>  Elevation: <b>589'0"</b>  Flood Level Elevation: NA Above Flood Level: Yes:     No:	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	9.0 EO4		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: ISOLATION CONDENSER  Plant I.D. Number: AO-3-1301-20 Component: SOLENOID VALVE  Manufacturer: ASCO  Model Number: WPHT-8300B61F  Purchase Order Number:  Function/Service: PILOT SOLENOID FOR VALVE AO-3-1-1301-20  Accuracy: Spec: NA Demo: NA  Location: ALONG COL N & 49  Elevation: 589'0"	Operating Time	1 MINUTE	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	9.0 E04		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 8.2.5 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: ISOLATION CONDENSER	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
Plant I.D. Number: DPIS-3-1349A&B	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
Manufacturer: BARTON	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
Model Number: 288-4235	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: GE H0302	Radiation (Rad)	3.2 E05		REF. (C)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	NOT REQD.		
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS							
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: ISOLATION CONDENSER	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-1349A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	103
Model Number: 288-4235	Pressure (PSIA)	14.7
Purchase Order Number: GE H0302	Relative Humidity (%)	100
Function/Service: MO-3-1301-1,2,3,4 ON HIGH DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.2 E05
Location RACK 2203-28 COLUMNS 48 & M Elevation 517'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: ISOLATION CONDENSER	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-1349B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	103
Model Number: 288-4235	Pressure (PSIA)	14.7
Purchase Order Number: GE H0302	Relative Humidity (%)	100
Function/Service: MO-3-1301-1,2,3,4 ON HIGH DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	3.2 E05
Location RACK 2203-28 COLUMNS 48 & M Elevation 517'0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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	Parameter	FSAR	Qualification	FSAR	Qual.		
System: ISOLATION CONDENSER  Plant I.D. Number: DPIS-3-1350A&B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON  Model Number:  Purchase Order Number: GE H0302  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time	12 DAYS	NOT REQD.	REF. (A)	NOT REQD.		
	Temperature (°F)	103	NOT REQD.	REF. (B)	NOT REQD.		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	NOT REQD.		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	NOT REQD.		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.2 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)			
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURES 5.2.11 & 5.2.12 B. FSAR SECTION 10.11 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 482  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: ISOLATION CONDENSER	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-1350A	Temperature (*F)	103
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number:	Chemical Spray	NA
Purchase Order Number: GE H0302	Radiation (Rad)	3.2 E05
Function/Service: MO-3-1301-1,2,3,4 ON HIGH DIFFERENTIAL PRESSURE	Aging	NOT REQD.
Accuracy: Spec: Demo:	Submergence	NA
Location RACK2203-28 COLUMNS 48 &M Elevation 517'0"	Flood Level Elevation: NA Above Flood Level: Yes: No:	

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: ISOLATION CONDENSER	Operating Time	12 DAYS
Plant I.D. Number: DPIS-3-1350B	Temperature (*F)	103
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7
Manufacturer: BARTON	Relative Humidity (%)	100
Model Number:	Chemical Spray	NA
Purchase Order Number: GE H0302	Radiation (Rad)	3.2 E05
Function/Service: MO-3-1301-1,2,3,4 ON HIGH DIFFERENTIAL PRESSURE	Aging	NOT REQD.
Accuracy: Spec: Demo:	Submergence	NA
Location RACK2203-28 COLUMNS 48 &M Elevation 517'0"	Flood Level Elevation: NA Above Flood Level: Yes: No:	



Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

Component Sheet No: 483  
 Revision  
 Date

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: SEE ATTACHED SHEETS	Operating Time						
Plant I.D. Number: SEE ATTACHED SHEETS Component:	Temperature (°F)						
Manufacturer:	Pressure (PSIA)						
Model Number:	Relative Humidity (%)						
Purchase Order Number:	Chemical Spray						
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)						
Accuracy: Spec: Demo:	Aging						
Location: SEE ATTACHED SHEETS	Submergence						
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

Component Sheet No. 484  
 Revision  
 Date: - - -

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

Component Sheet No. 485  
 Revision  
 Date: - - -

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Location Demo:	Submergence	
Elevation		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Location Demo:	Submergence	
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

Component Sheet No: 486  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>BUTYL RBR INSU POLYVN            CHLORIDE JACKET</b> Manufacturer: <b>GENERAL ELECTRIC CABL</b>  Model Number:  Purchase Order Number: <b>#205-H0113</b>  Function/Service:     Accuracy: Spec: Demo:  Location:   Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 487  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERIC  Plant I.D. Number: CABLE Component: BUTYL RBR INSU POLYVN CHLORIDE JACKET Manufacturer: SIMPLEX  Model Number:  Purchase Order Number: 3447-117 Function/Service:  Accuracy: Spec: Elevation: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 488  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: CABLE Component: ANHYDREX XX PLASTEX INSU & JACKET Manufacturer: SIMPLEX  Model Number:  Purchase Order Number: SPEC-COM. ED EM-29116 SIMPLEX-XM Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERIC  Plant I.D. Number: CABLE Component: POLYETH INSU POLYV CHLORIDE JACK Manufacturer: GENERAL ELECTRIC  Model Number:  Purchase Order Number: P.O. #205-H0113  Function/Service:   Accuracy: Spec: Demo: Location: CONTAINMENT  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual:		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>CROSS LINK POLYETH            INSU NEOPRN JACKET</b> Manufacturer: <b>GENERAL ELECTRIC            CABLE</b> Model Number:  Purchase Order Number: <b>P.O #205-HO113</b>  Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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Owner: COMMONWEALTH EDISON  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>RUBBER INSU.            HYPALON JACKET</b> Manufacturer: <b>GENERAL ELECT. CABLE</b>  Model Number:  Purchase Order Number: <b>P.O. # 205-HO113</b>  Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>ANHYDREX XX            PLASTEX INSU &amp; JKT</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>SPEC-COM. ED EM-29115</b> <b>SIMPLEX-XM</b> Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>ANHYDREX XX            PLASTEX INSU</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>SPEC-COM ED-29115            SIMPLEX XM-1490A</b> Function/Service:   Accuracy: Spec: Demo:  Location:   Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes:    No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 494  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>RBR INSU POLYV            CHLORIDE JACKET</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>P. O. -#3447-117</b>  Function/Service:    Accuracy: Spec: Location: Demo:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERIC	Operating Time						SEE NOTE (1)
Plant I.D. Number: CABLE	Temperature (°F)						SEE NOTE (1)
Component: BUTYL RBR INSU POLYVN CHLORIDE JACKET	Pressure (PSIA)						SEE NOTE (1)
Manufacturer: GENERAL ELECTRIC CABLE	Relative Humidity (%)						SEE NOTE (1)
Model Number:	Chemical Spray						SEE NOTE (1)
Purchase Order Number: P.O. 205-H0113	Radiation (Rad)						SEE NOTE (1)
Function/Service:	Aging						SEE NOTE (1)
Accuracy: Spec: Elevation: Demo:	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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Owner: COMMONWEALTH EDISON  
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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>ANHYDREX XX            PLASTEX INSU &amp; JKT.</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>SPEC-COM ED-29115            SIMPLEX XM-1490A</b> Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 497  
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Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>ANHYDREX XX</b> <b>PLASTEX INS. &amp; JKT</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>SPEC-COM ED-29115</b> <b>SIMPLEX XM-1490A</b> Function/Service:     Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 498  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>SWITCHBOARD-TYPE SIS            #SI 57275 VULKENE</b> Manufacturer: <b>GENERAL ELECTRIC CABL</b>  Model Number:  Purchase Order Number: <b>P.O. #205-H0113</b>  Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERIC  Plant I.D. Number: CABLE Component: POLY NYLON INSU SHLD & PLASTEX INSTR Manufacturer: SIMPLEX  Model Number:  Purchase Order Number: SPEC-COM ED-EST 7026-2 SIMPLEX-XM2255 Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 500  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>POLY NYLON INSU SHLD            &amp; PLASTEX INSTR</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>SPEC-COM ED-EST            7026-2 SIMPLEX-XM2255</b> Function/Service:   Accuracy: Spec: Elevation: Demo:  Location:   Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 501

Revision 0

Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>POLY NYLON INSU SHLD            &amp; PLASTEX INSTR</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>SPEC-COM ED-EST            7026-2 SIMPLEX-XM2255</b> Function/Service:   Accuracy: Spec: Demo:  Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

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 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERIC  Plant I.D. Number: CABLE Component: STRANDED POLY NYLON INSU SHIEDED Manufacturer: SIMPLEX  Model Number:  Purchase Order Number: SPEC-COM ED-EST 7026-2 SIMPLEX-XM2255 Function/Service:  Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 503  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>POLY NYLON INSU            SHLD PLASTEX JACKET</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>COM ED-B/M3447A EST            70261 SIMPLEX-XM2255</b> Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>BUTYL RUBBER INSU  POLYV CHLORIDE JACKET</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>P.O. #3447-117</b>  Function/Service:    Accuracy: Spec: Demo: Location: <b>REACTOR CONTAINMENT</b>  Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 505  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>3 TW WITH OVERALL SH            COM ED SPEC-EST-70261</b> Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>P.O. 3447-117-ITEM#30</b>  Function/Service:   Accuracy: Spec: Demo:  Location:   Elevation:   Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 506  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>COM-ED EST-7026-1</b>  Manufacturer: <b>SIMPLEX</b>  Model Number:  Purchase Order Number: <b>P.O. 3447-117 ITEM#24</b>  Function/Service:    Accuracy: Spec: Demo:  Location:   Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>POLYETH INSU &amp; JKT            COAXIAL CABLE</b> Manufacturer: <b>RAYCHEM CORP.</b>  Model Number:  Purchase Order Number: <b>P.O. #3447-171 ITEM# 1</b>  Function/Service:    Accuracy: Spec: Demo:  Location: <b>CONTAINMENT</b>  Elevation:   Flood Level Elevation: Above Flood Level: Yes:     No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>COAXIAL RG6A/U</b>  Manufacturer: <b>NEWARK ELECTRIC CORP.</b>  Model Number:  Purchase Order Number: <b>P.O. #3447-169 ITEM-2</b>  Function/Service:    Accuracy: Spec: Demo:  Location: <b>REACTOR CORE AREA.</b>  Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>COAXIAL-RG59B/U</b>  Manufacturer: <b>NEWARK ELECTRIC CORP.</b>  Model Number:  Purchase Order Number: <b>P. O. #3447-169</b> <b>ITEM #1</b> Function/Service:   Accuracy:    Spec: Demo:  Location: <b>REACTOR CORE AREA</b>  Elevation:   Flood Level Elevation: Above Flood Level: Yes:        No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 510  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERIC	Operating Time						SEE NOTE (1)
Plant I.D. Number: CABLE	Temperature (°F)						SEE NOTE (1)
Component: COAXIAL ANTI MICROPHO	Pressure (PSIA)						SEE NOTE (1)
Manufacturer:	Relative Humidity (%)						SEE NOTE (1)
Model Number:	Chemical Spray						SEE NOTE (1)
Purchase Order Number:	Radiation (Rad)						SEE NOTE (1)
Function/Service:	Aging						SEE NOTE (1)
Accuracy: Spec: Demo:	Submergence						SEE NOTE (1)
Location: Elevation:							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 511  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>PE INSU SHLD PE JKT</b>  Manufacturer: <b>BAY ASSOCIATES</b>  Model Number:  Purchase Order Number: <b>P.O. #3447-170-ITEM#2</b>  Function/Service:    Accuracy: Spec: Demo:  Location: <b>REACTOR CORE AREA</b>  Elevation:   Flood Level Elevation: Above Flood Level: Yes:   No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 512  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>PE INSU TRIPLE SH            PE JKT COAXIAL</b> Manufacturer: <b>BAY ASSOCIATES</b>  Model Number:  Purchase Order Number: <b>P.O. #3447-170 ITEM #</b>  Function/Service:   Accuracy: Spec: Demo: Location: <b>REACTOR CORE</b>  Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 513  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>VINYL INSULATION            VINYL JACKET</b> Manufacturer: <b>NEWARK ELECT. CORP.</b>  Model Number:  Purchase Order Number: <b>P.O. #3447-169 ITEM 3</b>  Function/Service:    Accuracy: Spec: Demo:  Location:   Elevation:   Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Component Sheet No: 514  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERIC</b>  Plant I.D. Number: <b>CABLE</b> Component: <b>MULTI PAIR WITH OVERALL SH CO-CON</b> Manufacturer: <b>GENERAL ELECTRIC CABL</b>  Model Number:  Purchase Order Number: <b>P.O. #205-H0113</b>  Function/Service:   Accuracy: Spec: Demo: Location:  Elevation:  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						SEE NOTE (1)
	Temperature (°F)						SEE NOTE (1)
	Pressure (PSIA)						SEE NOTE (1)
	Relative Humidity (%)						SEE NOTE (1)
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						SEE NOTE (1)
	Aging						SEE NOTE (1)
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.



Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 515  
 Revision 0  
 Date 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time						
Plant I.D. Number: X201B, X202B&D, X203B	Temperature ("F)						
Component: ELECTRICAL PENETRATION	Pressure (PSIA)						
Manufacturer:							
Model Number:	Relative Humidity (%)						
Purchase Order Number:	Chemical Spray						SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)						
Accuracy: Spec: Demo:	Aging						
Location: SEE ATTACHED SHEETS	Submergence						SEE NOTE (1)
Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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**EQUIPMENT QUALIFICATION REPORT**

Component Sheet No. 516  
 Revision 0.  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X201B, Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -6"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202B Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -0"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

G-0858-03

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202D Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X203B Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -6"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

Component Sheet No: 518  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERAL USE ELECTRICAL EQUIPMENT</b>  Plant I.D. Number: X202BB, X202S&W X200C Component: <b>ELECTRICAL PENETRATION</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo: Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes: No:	Operating Time						
	Temperature (°F)						
	Pressure (PSIA)						
	Relative Humidity (%)						
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						
	Aging						
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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**EQUIPMENT QUALIFICATION REPORT**

Component Sheet No. 519  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202S Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL532' -0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202W Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL532' -6"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202BB Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL534'-0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL PENETRATION	Operating Time	
Plant I.D. Number: X200C Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532'-6"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

Component Sheet No: 521  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERAL USE ELECTRICAL EQUIPMENT</b>  Plant I.D. Number: X202L, X X204A, L.M.S Component: <b>ELECTRICAL PENETRATIONS</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						
	Temperature (°F)						
	Pressure (PSIA)						
	Relative Humidity (%)						
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						
	Aging						
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component: ELECTRICAL PENETRATIONS Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Location Demo:	Aging	
Elevation	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component: ELECTRICAL PENETRATIONS Manufacturer:	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: Location Demo:	Aging	
Elevation	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		



Component Sheet No. 523  
 Revision 0  
 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204A Component: ELECTRICAL PENETRATIONS Manufacturer:	Temperature (°F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location INSIDE DRYWELL	Submergence	
Elevation EL. 534' - 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204L Component: ELECTRICAL PENETRATIONS Manufacturer:	Temperature (°F)	
	Pressure (PSIA)	
Model Number:	Relative Humidity (%)	
Purchase Order Number:	Chemical Spray	
Function/Service:	Radiation (Rad)	
Accuracy: Spec: NA Demo: NA	Aging	
Location INSIDE DRYWELL	Submergence	
Elevation EL. 533' - 6"		
Flood Level Elevation: Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON  
Facility: DRESDEN  
Unit: 3  
Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204M Component: ELECTRICAL PENETRATIONS Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 533' -6"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204S Component: ELECTRICAL PENETRATIONS Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 533' -6"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERAL USE ELECTRICAL EQUIPMENT  Plant I.D. Number: X204N & Q X205B Component: ELECTRICAL PENETRATION Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: SEE ATTACHED SHEETS  Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS  Elevation: SEE ATTACHED SHEETS  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						
	Temperature (°F)						
	Pressure (PSIA)						
	Relative Humidity (%)						
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						
	Aging						
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

**EQUIPMENT QUALIFICATION REPORT**

Component Sheet No. 526  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204N Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 533' -6"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204Q Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 533' -6"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X205B Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -6"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (°F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

Component Sheet No: 528  
 Revision 0  
 Date 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: <b>GENERAL USE            ELECTRICAL EQUIPMENT</b>  Plant I.D. Number: X202F,N,J X204E,H Component: <b>ELECTRICAL            PENETRATION</b> Manufacturer:  Model Number:  Purchase Order Number:  Function/Service: <b>SEE ATTACHED SHEETS</b>  Accuracy: Spec: Demo:  Location: <b>SEE ATTACHED SHEETS</b>  Elevation: <b>SEE ATTACHED SHEETS</b>  Flood Level Elevation: Above Flood Level: Yes:    No:	Operating Time						
	Temperature (*F)						
	Pressure (PSIA)						
	Relative Humidity (%)						
	Chemical Spray						SEE NOTE (1)
	Radiation (Rad)						
	Aging						
	Submergence						SEE NOTE (1)

DOCUMENTATION REFERENCES	NOTES
	1. ESTABLISH ENVIRONMENTAL SERVICE CONDITIONS. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER.

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202F Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202N Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -0"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 530  
 Revision 0  
 Date: 04-11-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X202J Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 532' -0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204E Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (°F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 534' -0"	Submergence	
Flood Level Elevation: Above Flood Level: Yes: No:		

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Component Sheet No. 531  
 Revision 0  
 Date: 04-11-80

Owner: COMMONWEALTH EDISON  
 Facility: DRESDEN  
 Unit: 3  
 Docket No: 50-249

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	
Plant I.D. Number: X204H Component: ELECTRICAL PENETRATION Manufacturer:	Temperature (*F)	
Model Number:	Pressure (PSIA)	
Purchase Order Number:	Relative Humidity (%)	
Function/Service:	Chemical Spray	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	
Location INSIDE DRYWELL	Aging	
Elevation EL. 534' -0"	Submergence	
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number:	Temperature (*F)	
Component:	Pressure (PSIA)	
Manufacturer:	Relative Humidity (%)	
Model Number:	Chemical Spray	
Purchase Order Number:	Radiation (Rad)	
Function/Service:	Aging	
Accuracy: Spec: Demo:	Submergence	
Location		
Elevation		
Flood Level Elevation: Above Flood Level: Yes: No:		

G-0858-03



**Bechtel Power Corporation**

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