

RESPONSE TO IE BULLETIN 79-01B
QUAD CITIES
NUCLEAR POWER STATION
UNITS 1 AND 2

VOLUME 3

This volume contains equipment data sheets for the following Unit 1 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. Reactor core isolation cooling
12. Generic/general use electrical equipment

This volume contains Pages 251 through 524

Notes:

NA is used for not applicable

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

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Component Sheet No. 251
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 1/2-A, B-7503	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
Component: ELECTRIC AIR HEATER	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: EDWIN L. WIEGLAND	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-163 SPEC R-2367 Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	1.6 E06		REF. (C)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

Component Sheet No. 252
Revision 2
Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

DOCUMENTATION REFERENCES (cont.)

NOTES (cont.)

RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 1/2-7503A Component: ELECTRIC AIR HEATER	Temperature (°F)	104
Manufacturer: EDWIN L. WIEGLAND	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3620-163 SPEC R-2367 Function/Service: HEAT/DRY INLET GAS	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.
Location: 15'9" E OF COL. M 10'6" S OF COL. 8 Elevation: 671'0"	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: 1/2-7503B Component: ELECTRIC AIR HEATER	Temperature (°F)	104
Manufacturer: EDWIN L. WIEGLAND	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number: 3620-163 SPEC R-2367 Function/Service: HEAT/DRY INLET GAS	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.
Location: 10'0" W OF COL. N 10'6" N OF COL. 18 Elevation: 671'0"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No		

Component Sheet No. 254
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No. 50-254

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: MD-1-7503 Component: MOTOR OPERATED DAMPER Manufacturer: LIMITORQUE Model Number: SN 95932A TYPE SMB Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: UNIT 1 REACTOR BLDG VENT TO SGTS SUPPLY DAMPER Accuracy: Spec: NA Demo: NA Location: 10'0" W OF COL. N 5'0" N OF COL. 19 Elevation: 671'0" Flood Level Elevation: Above Flood Level: Yes: No	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Component Sheet No: 255
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: MO-2-7503 Component: MOTOR OPERATED DAMPER	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: TYPE SMB SN. 95931A Purchase Order Number:	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Function/Service: UNIT 1 REACTOR BLDG. VENT TO SGTS SUPPLY DAMPER	Chemical Spray	NA	NA	NA	NA	NA	
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Location: 15'9" E OF COL. M 5'0" S OF COL. 7	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Elevation: 671'0"	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Component Sheet No: 256
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 5C-254

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-1/2-7504A,B Component: MOTOR OPERATED DAMPER Manufacturer: LIMITORQUE Model Number: TYPE SMB SN. 95848A Purchase Order Number: 3620-192 SPEC R-2396 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	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE B.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES
Plant I.D. Number: MO-1/2-7504A Component: MOTOR OPERATED DAMPER	Temperature (°F)	104
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: TYPE SMB SN. 95848A Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: UNIT 1/2 TURBINE BLDG INLET ISOLATION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 15'9" E OF COL.M 9'6" S OF COL.8 Elevation: 674'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES
Plant I.D. Number: MO-1/2-7504B Component: MOTOR OPERATED DAMPER	Temperature (°F)	104
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: TYPE SMB SN. 95848A Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: UNIT 1/2 TURBINE BLDG INLET ISOLATION	Relative Humidity (%)	100
	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 10'0" W OF COL.N 8'6" N OF COL.18 Elevation: 674'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System STANDBY GAS TREATMENT	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number MO-1/2-7505A,B Component MOTOR OPERATED DAMPER	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: TYPE SMB	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Purchase Order Number 3620-192 SPEC R-2396 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (D)	REF. (B)		
Location: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Elevation: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	NA	
Flood Level: Elevation: Above Flood Level: Yes No							

DOCUMENTATION REFERENCES

- A. FSAR TABLE 8.2.3
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES
Plant I.D. Number: MO-1/2-7505A Component: MOTOR OPERATED DAMPER	Temperature (°F)	104
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: TYPE SMB	Relative Humidity (%)	100
Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: INLET DAMPER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 15'9" E OF COL.M 8'0" S OF COL.8 Elevation: 671'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES
Plant I.D. Number: MO-1/2-7505B Component: MOTOR OPERATED DAMPER	Temperature (°F)	104
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: TYPE SMB	Relative Humidity (%)	100
Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: INLET DAMPER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 10'0" W OF COL.N 7'3" N OF COL.18 Elevation: 671'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Component Sheet No: 260
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DES	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 1/2-A,B-7506	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
Component: EXHAUST FAN	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: NEW YORK BLOWER	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: E4966	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-184 SPEC R- Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	1.6 E06		REF. (C)			SEE NOTE (1)
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

Component Sheet No. 262
 Revision 2
 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 1/2-7506A Component: EXHAUST FAN	Temperature (°F)	104
Manufacturer: NEW YORK BLOWER	Pressure (PSIA)	14.7
Model Number: E4966	Relative Humidity (%)	100
Purchase Order Number: 3620-184 SPEC R- Function/Service: SYSTEM EXHAUST FAN	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 15'9" E OF COL.M 8'0" S OF COL.10 Elevation: 671'0"	Submergence	NOT REQD.
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: 1/2-7506B Component: EXHAUST FAN	Temperature (°F)	104
Manufacturer: NEW YORK BLOWER	Pressure (PSIA)	14.7
Model Number: E4966	Relative Humidity (%)	100
Purchase Order Number: 3620-184 SPEC R- Function/Service: SYSTEM EXHAUST FAN	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 10'0" W OF COL.N 17'0" S OF COL.15 Elevation: 671'0"	Submergence	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number MO-1/2-7507A,B	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: MOTOR OPERATED DAMPER	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: LIMITORQUE	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: TYPE SMB	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-192 SPEC R-2396	Radiation (Rad)	<1.0 EC4	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES
Plant I.D. Number: MO-1/2-7507A Component: MOTOR OPERATED DAMPER	Temperature (°F)	104
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: TYPE SMB	Relative Humidity (%)	100
Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: A TRAIN FAN DISCHARGE DAMPER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 8'3" E OF COL. M 5'3" S OF COL. 10 Elevation: 674'6"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No.		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	10 MINUTES
Plant I.D. Number: MO-1/2-7507B Component: MOTOR OPERATED DAMPER	Temperature (°F)	104
Manufacturer: LIMITORQUE	Pressure (PSIA)	14.7
Model Number: TYPE SMB	Relative Humidity (%)	100
Purchase Order Number: 3620-192 SPEC R-2396 Function/Service: B TRAIN FAN DISCHARGE DAMPER	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: 8'3" E OF COL. M 5'2" N OF COL. 16 Elevation: 674'6"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No.		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: FT-1/2-7541-1A,B Component: FLOW TRANSMITTER Manufacturer: LEEDS & NORTHRUP Model Number: 1912-3-21-0-0000-0300-0300 Purchase Order Number: 2620-179 SPEC R-2426 Function/Service: SEE ATTACHED SHEETS Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS Flood Level Elevation: Above Flood Level: Yes: No:	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA		NA	
	Radiation (Rad)	1.6 E06		REF. (C)			SEE NOTE (1)
	Aggr.	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

Component Sheet No. 266

Revision 2

Date 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

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 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 267
 Revision 2
 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FT-1/2-7541-1A Component: FLOW TRANSMITTER	Temperature (°F)	104
Manufacturer: LEEDS & NORTHRUP	Pressure (PSIA)	14.7
Model Number: 1912-3-21-0-0000-0300-0300	Relative Humidity (%)	100
Purchase Order Number: 3620-179 SPEC R-2426	Chemical Spray	NA
Function/Service: MEASURE A TRAIN FLOW INDICATION IN CONTROL ROOM	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: BETWEEN COL. M8 & NA	Submergence	NA
Elevation: 666' 6"		
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-1/2-7541-1B Component: FLOW TRANSMITTER	Temperature (°F)	104
Manufacturer: LEEDS & NORTHRUP	Pressure (PSIA)	14.7
Model Number: 1912-3-21-0-0000-0300-0300	Relative Humidity (%)	100
Purchase Order Number: 3620-179 SPEC R-2426	Chemical Spray	NA
Function/Service: MEASURE B TRAIN FLOW INDICATION IN CONTROL ROOM	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location:	Submergence	NA
Elevation: 666' 6"		
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

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 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: FT-1/2-7541-6A,B Component: FLOW TRANSMITTER Manufacturer: FOXBORO Model Number: 15A-1 Purchase Order Number: 3620-178 SPEC R-2425 Function/Service: SEE ATTACHED SHEETS Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA		
	Radiation (Rad)	1.6 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA		
	Flood Level Elevation: Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

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 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FT-1/2-7541-6A Component: FLOW TRANSMITTER	Temperature (°F)	104
Manufacturer: FOXBORO	Pressure (PSIA)	14.7
Model Number: 15A-1	Relative Humidity (%)	100
Purchase Order Number: 3620-178 SPEC R-2425 Function/Service: MEASURE A TRAIN FLOW OUTPUT TO FSL-1/2-7541-8A	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: BETWEEN COLUMNS M-8 & N-8 Elevation: 666'6"	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-1/2-7541-6B Component: FLOW TRANSMITTER	Temperature (°F)	104
Manufacturer: FOXBORO	Pressure (PSIA)	14.7
Model Number: 15A-1	Relative Humidity (%)	100
Purchase Order Number: 3620-178 SPEC R-2425 Function/Service: MEASURE B TRAIN FLOW OUTPUT TO FSL-1/2-7541-8B	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: BETWEEN COLUMNS N-18 & N-17 Elevation: 666'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Facility QUAD CITIES
 Unit 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: FSL-1/2-7541-8A,B Component: FLOW SWITCH LOW Manufacturer: MERCROID Model Number: DA-533-3 Purchase Order Number: 3620-158 SPEC R-2355 Function/Service: SEE ATTACHED SHEETS Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS Flood Level Elevation: Above Flood Level: Yes: No:	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.3 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA		

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FSL-1/2-7541-8A Component: FLOW SWITCH LOW	Temperature (°F)	104
Manufacturer: MERCID	Pressure (PSIA)	14.7
Model Number: DA-533-3	Relative Humidity (%)	100
Purchase Order Number: 3620-158 SPEC R-2355 Function/Service: SHUT OFF A TRAIN HEATER ON LOW FLOW	Chemical Spray	NA
	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2212-29A COLUMNS 9 & M, UNIT 2 Elevation: 666'6"	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-1/2-7541-8B Component: FLOW SWITCH LOW	Temperature (°F)	104
Manufacturer: MERCID	Pressure (PSIA)	14.7
Model Number: DA-533-3	Relative Humidity (%)	100
Purchase Order Number: 3620-158 SPEC R-2355 Function/Service: SHUT OFF B TR IN HEATER ON LOW FLOW	Chemical Spray	NA
	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2212-29B COLUMNS 17 & M, UNIT 1 Elevation: 666'6"	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 GAS TREATMENT Plant I.D. Number: TSH-1/2-7541-11A,B Component: TEMPERATURE SWITCH HIGH Manufacturer: CHROMALOX Model Number: BI-METAL THERMOSWITCH Purchase Order Number: 3620-162 SPEC R-2367 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	REF. (A)		
	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA		
	Radiation (Rad)	1.6 E06		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: TSH-1/2-7541-11A Component: TEMPERATURE SWITCH HIGH Manufacturer: CHROMALOX	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: BI-METAL THERMOSWITCH	Relative Humidity (%)	100
Purchase Order Number: 3620-162 SPEC R-2367 Function/Service: SHUTS OFF HEATER 1/2-A-7503 ON HIGH TEMPERATURE.	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: BETWEEN COLUMNS M&N AND 8&9 Elevation: 666'6"	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-1/2-7541-11B Component: TEMPERATURE SWITCH HIGH Manufacturer: CHROMALOX	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: BI-METAL THERMOSWITCH	Relative Humidity (%)	100
Purchase Order Number: 3620-162 SPEC R-2367 Function/Service: SHUTS OFF HEATER 1/2-B-7503 ON HIGH TEMPERATURE.	Chemical Spray	NA
	Radiation (Rad)	1.6 E06
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: BETWEEN COLUMNS M-17 & N-17 Elevation: 666'6"	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: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: FSL-1/2-7541-33A,B Component: FLOW SWITCH LOW	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: MERCROID	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Model Number: GA-533-2 R.1	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Purchase Order Number: 3620-158 SPEC R-2355 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA		
Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS	Radiation (Rad)	2.3 E05		REF. (C)			SEE NOTE (1)
Elevation: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Flood Level Elevation: Above Flood Level Yes No	Submergence	NA	NA	NA	NA	NA	NA

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

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DOCUMENTATION REFERENCES (cont.)

NOTES (cont.)

RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.

Owner: COMMONWEALTH EDISON
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: FSL-1/2-7541-33A Component: FLOW SWITCH LOW	Temperature (°F)	104
Manufacturer: MERCROID	Pressure (PSIA)	14.7
Model Number: DA-533-2 R. 1	Relative Humidity (%)	100
Purchase Order Number: 3620-158 SPEC R-2355 Function/Service: PROVIDES AUTO START FOR FAN 1/2-A-7506	Chemical Spray	NA
	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2212-29A COLUMNS 98M, UNIT 2 Elevation: 666'6"	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-1/2-7541-33B Component: FLOW SWITCH LOW	Temperature (°F)	104
Manufacturer: MERCROID	Pressure (PSIA)	14.7
Model Number: DA-533-2 R. 1	Relative Humidity (%)	100
Purchase Order Number: 3620-158 SPEC R-2355 Function/Service: PROVIDES AUTO START FOR FAN 1/2-B-7506	Chemical Spray	NA
	Radiation (Rad)	2.3 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2212-29B COLUMNS 178M, UNIT 1 Elevation: 666'6"	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 GAS TREATMENT	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 2212-29A&B	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
Component: LOCAL CONTROL PANEL	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: HARLO	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: DWG D12971 SH.30	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	2.3 E05		REF. (C)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT IS SUBJECTED TO HARSH RADIATION ONLY, AND WILL BE RELOCATED AND/OR SHIELDED TO REDUCE THE RADIATION EXPOSURE TO A NON-HARSH LEVEL. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

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Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 2212-29A Component: LOCAL CONTROL PANEL	Temperature (°F)	104
Manufacturer: HARLO	Pressure (PSIA)	14.7
Model Number: DWG D12971 SH.30	Relative Humidity (%)	100
Purchase Order Number: 12971 (JOB #)	Chemical Spray	NA
Function/Service: CONTAINS RELAYS AND CABLE FOR STANDBY GAS TREATMENT SYSTEM CONTROLS.	Radiation (Rad)	2.3 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 9&M	Submergence	NA
Elevation: 666'6"		
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: 2212-29B Component: LOCAL CONTROL PANEL	Temperature (°F)	104
Manufacturer: HARLO	Pressure (PSIA)	14.7
Model Number: DWG D12971 SH.30	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CONTAINS RELAYS AND CABLE FOR STANDBY GAS TREATMENT SYSTEM CONTROLS.	Radiation (Rad)	2.3 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 17&M	Submergence	NA
Elevation: 666'6"		
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 GAS TREATMENT Plant I.D. Number: AD-1/2-7510A,B Component: AIR-OPERATED BUTTERFLY (SOLENOID) Manufacturer: VERSA-ASCO Model Number: VWS-2302-CAT#B320A23 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	REF. (A)		
	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	8.4 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED. THIS WOULD RESULT IN SIGNIFICANT RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED.</p>

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY GAS TREATMENT	Operating Time	CONTINUOUS
Plant I.D. Number: AO-1/2-7510A Component: AIR-OPERATED BUTTERFLY (SOLENOID) Manufacturer: VERSA-ASCO	Temperature (°F)	104
Model Number: VWS-2302-CAT#8320A23	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: SOLENOID VALVE FOR AO-1/2-7510A	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	8.4 E05
Location: NEAR COL M-10	Aging	NOT REQD.
Elevation: 666'6"	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: AO-1/2-7510B Component: AIR-OPERATED BUTTERFLY (SOLENOID) Manufacturer: VERSA-ASCO	Temperature (°F)	104
Model Number: VWS-2302-CAT#8320A23	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: SOLENOID VALVE FOR AO-1/2-7510B	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	8.4 E05
Location: NEAR COL. N-15	Aging	NOT REQD.
Elevation: 666'6"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: SERVICE WATER	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 181/2-3903	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
Component: PUMP-MOTOR DRIVEN	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: 5K365AK169	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-121 SPEC R-2317 Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. THESE PUMPS PROVIDE COOLING WATER TO THE STANDBY DIESEL GENERATORS, WHICH ARE REQUIRED FOR 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System SERVICE WATER	Operating Time	30 DAYS
Plant I.D. Number: 1-3903 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 5K365AK169	Relative Humidity (%)	100
Purchase Order Number: 3620-121 SPEC R-2317 Function/Service: SUPPLY COOLING WATER TO STANDBY DIESEL GENERATOR	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: TURBINE BLDG BASEMENT RHRS PUMP ROOM Elevation: 547'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System SERVICE WATER	Operating Time	30 DAYS
Plant I.D. Number: 1/2-3903 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 5K365AK169	Relative Humidity (%)	100
Purchase Order Number: 3620-121 SPEC R-2317 Function/Service: SUPPLY COOLING WATER TO STANDBY DIESEL GENERATOR	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: TURBINE BLDG BASEMENT RHRS PUMP ROOM Elevation: 547'0"	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: SERVICE WATER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 1-5746A&B Component: ROOM COOLER (FAN ONLY) Manufacturer: GENERAL ELECTRIC Model Number: 5K213AK2476 Purchase Order Number: 3620-189 Function/Service: SEE ATTACHED SHEETS Accuracy: Spec: Demo: Location: SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS Flood Level Elevation: Above Flood Level: Yes: No:	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	5.1 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS.

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME, ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED FOR COOLANT INJECTION. THIS WOULD RESULT IN RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED. DURING THE TIME AVAILABLE AFTER STABILIZATION OF CORE COOLING, ADDITIONAL COOLANT INJECTION PATHS COULD BE ESTABLISHED, IF NECESSARY, TO ASSURE LONG TERM COOLING.</p>

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	CONTINUOUS
Plant I.D. Number: 1-5746A Component: ROOM COOLER (FAN ONLY) Manufacturer: GENERAL ELECTRIC	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: 5K213AK2476	Relative Humidity (%)	100
Purchase Order Number: 3620-189	Chemical Spray	NA
Function/Service: RHR A ROOM EMERGENCY VENTILATION COOLER	Radiation (Rad)	5.1 E05
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.
Location: NE CORNER ROOM	Submergence	NA
Elevation: 570'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	CONTINUOUS
Plant I.D. Number: 1-5746B Component: ROOM COOLER (FAN ONLY) Manufacturer: GENERAL ELECTRIC	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: 5K213AK2476	Relative Humidity (%)	100
Purchase Order Number: 3620-189	Chemical Spray	NA
Function/Service: RHR B ROOM EMERGENCY VENTILATION COOLER	Radiation (Rad)	5.1 E05
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.
Location: SE CORNER ROOM	Submergence	NA
Elevation: 570'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		OUTSTANDING ITEMS	
	Parameter	FSAR	Qualification	FSAR		Qual.
System SERVICE WATER	Operating Time	12 DAYS	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number 1-5747	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)	
Component ROOM COOLER (FAN ONLY)	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer BUFFALO FORGE	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Model Number G123 HV TYPE 15747 Purchase Order Number 3620-189	Chemical Spray	NA	NA	NA	NA	
Function/Service HPCI ROOM EMERGENCY VENTILATION COOLER	Radiation (Rad)	< 1.0 EO4	NOT REQD.	REF. (D)	REF. (B)	
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Location HPCI ROOM	Submergence	NA	NA	NA	NA	
Elevation: 565' 0"						

DOCUMENTATION REFERENCES

- A. FSAR FIGURES 5.2.15 & 5.2.16
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: SERVICE WATER	Operating Time	12 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 1-5748A&B	Temperature (°F)	114	NOT REQD.	REF. (C)	REF. (B)		
Component: ROOM COOLER (FAN ONLY)	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (B)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (D)	REF. (B)		
Model Number: 5K184AL2151	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-189	Radiation (Rad)	1.5 E05		REF. (E)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (F)	REF. (F)		
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 5.2.15 & 5.2.16 B. REPORT SECTION 4.4 C. FIELD MEASUREMENT D. FSAR SECTION 6.2.3.2 E. BECHTEL RADIATION STUDY F. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS.

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME, ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED FOR COOLANT INJECTION. THIS WOULD RESULT IN RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED. DURING THE TIME AVAILABLE AFTER STABILIZATION OF CORE COOLING, ADDITIONAL COOLANT INJECTION PATHS COULD BE ESTABLISHED, IF NECESSARY, TO ASSURE LONG TERM COOLING.</p>

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	12 DAYS
Plant I.D. Number: 1-5748A Component: ROOM COOLER (FAN ONLY) Manufacturer: GENERAL ELECTRIC	Temperature (°F)	114
Model Number: SK184AL2151	Pressure (PSIA)	14.7
Purchase Order Number: 3620-189	Relative Humidity (%)	100
Function/Service: CORE SPRAY ROOM EMERGENCY VENTILATION COOLER	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.4 E05
Location: NW CORNER ROOM	Aging	NOT REQD.
Elevation: 560'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	12 DAYS
Plant I.D. Number: 1-5748B Component: ROOM COOLER (FAN ONLY) Manufacturer: GENERAL ELECTRIC	Temperature (°F)	114
Model Number: SK184AL2151	Pressure (PSIA)	14.7
Purchase Order Number: 3620-189	Relative Humidity (%)	100
Function/Service: CORE SPRAY ROOM EMERGENCY VENTILATION COOLER	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.5 E05
Location: SW CORNER ROOM	Aging	NOT REQD.
Elevation: 560'0"	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: SERVICE WATER	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number 1&1/2-5749 Component ROOM COOLER (FAN ONLY) 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	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	30 DAYS
Plant I.D. Number: 1-5749 Component: ROOM COOLER (FAN ONLY) Manufacturer:	Temperature (°F)	120
	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PROVIDE COOLING TO UNIT 1 EMERGENCY DIESEL ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1	Submergence	NA
Elevation: 595'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: SERVICE WATER	Operating Time	30 DAYS
Plant I.D. Number: 1/2-5749 Component: ROOM COOLER (FAN ONLY) Manufacturer:	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number:	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PROVIDE COOLING TO UNIT 1/2 EMERGENCY DIESEL ROOM	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1/2	Submergence	NA
Elevation: 595'0"		
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: DIESEL OIL PIPING	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
Component: PUMP-MOTOR DRIVEN	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: 5K182BL315 TYPE K	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-195	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. THIS EQUIPMENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	30 DAYS
Plant I.D. Number: 1-5203 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 5K182BL315 TYPE K Purchase Order Number: 3620-195	Relative Humidity (%)	100
Function/Service: DIESEL OIL TRANSFER PUMP	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA C: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1 COLUMNS 24&G Elevation: 595.0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	30 DAYS
Plant I.D. Number: 1/2-5203 Component: PUMP-MOTOR DRIVEN	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 5K182BL315 TYPE K Purchase Order Number: 3620-195	Relative Humidity (%)	100
Function/Service: DIESEL OIL TRANSFER PUMP	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1/2 Elevation: 595.0"	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: DIESEL OIL PIPING	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: LSH/L-1/2-5241-5	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: LEVEL SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: MAGNETROL	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: A-103F-EP/VP	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3620-172 SPEC R-2398	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: DIESEL OIL DAY TANK LEVEL SWITCH	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Accuracy: Spec: Demo:	Seismicity	NA	NA	NA	NA	NA	
Location: DIESEL ROOM 1/2							
Elevation: 595' 0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. THIS EQUIPMENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: DIESEL OIL PIPING	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number: 50-181/2-5201 Component: SOLENOID VALVE	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer: ASCO	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Model Number: CAT #8211C39 Purchase Order Number	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	
Accuracy: Spec: Location: Demo: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)	
Elevation: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Flood Level Elevation: Above Flood Level: Yes No	Submergence	NA	NA	NA	NA	

DOCUMENTATION REFERENCES

- A. THIS EQUIPMENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS.
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	30 DAYS
Plant I.D. Number: 50-1-5201 Component: SOLENOID VALVE	Temperature (°F)	120
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT #8211C89	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: DAY TANK SOLENOID OPENS WHEN TRANSFER PUMP STARTS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: 4A Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1 COLUMNS 24&G Elevation 595'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	30 DAYS
Plant I.D. Number: 50-1/2-5201 Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT #8211C89	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: DAY TANK SOLENOID OPENS WHEN TRANSFER PUMP STARTS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1/2 COLUMNS 13&N Elevation 595'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: DIESEL OIL PIPING	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number LSH/L-181/2-5241-3 Component: LEVEL SWITCH	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: A-103F-EP/VP	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Purchase Order Number: 3620-172 SPEC R-2398 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. THIS EQUIPMENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER. IT IS ASSUMED OFFSITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.1G D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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 Revision 2
 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	30 DAYS
Plant I.D. Number: LSH-1-5241-3 Component: LEVEL SWITCH	Temperature (°F)	120
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: A-103F-EP/VP	Relative Humidity (%)	100
Purchase Order Number: 3620-172 SPEC R-2398 Function/Service: DIESEL OIL DAY TANK LEVEL SWITCH	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: DIESEL ROOM 1	Submergence	NA
Elevation: 595'-0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: DIESEL OIL PIPING	Operating Time	30 DAYS
Plant I.D. Number: LSH-1/2-5241-3 Component: LEVEL SWITCH	Temperature (°F)	104
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: A-103F-EP/VP	Relative Humidity (%)	100
Purchase Order Number: 3620-172 SPEC R-2398 Function/Service: DIESEL OIL DAY TANK LEVEL SWITCH	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: DIESEL ROOM 1/2	Submergence	NA
Elevation: 595'-0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

G-0858-03

Component Sheet No: 304
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number: 1-700-733B, C, D, E, F	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)	
Component: SOLENOID BALL VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer: GENERAL PNEUMATIC	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Model Number: PART # 60PKW106	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	< 1.0 EO4	NOT REQD.	REF. (D)	REF. (B)	
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Accuracy Spc: Demo	Submergence	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS						
Elevation: SEE ATTACHED SHEETS						
Flood Level: Elevation: Above Flood Level: Yes No						

DOCUMENTATION REFERENCES

- A. FSAR TABLE 8.2.3
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-733B Component: SOLENOID BALL VALVE	Temperature (°F)	104
Manufacturer: GENERAL PNEUMATIC	Pressure (PSIA)	14.7
Model Number: PART # 608KW106	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: F Demo: NA	Aging	NOT REQD.
Location: COLUMN 15. BETWEEN COLUMNS H AND J Elevation 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-733C Component: SOLENOID BALL VALVE	Temperature (°F)	104
Manufacturer: GENERAL PNEUMATIC	Pressure (PSIA)	14.7
Model Number: PART # 608KW106	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING IN CORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15. BETWEEN COLUMNS H AND J Elevation 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

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 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-733D Component: SOLENOID BALL VALVE	Temperature (°F)	104
Manufacturer: GENERAL PNEUMATIC	Pressure (PSIA)	14.7
Model Number: PART # 608KW106	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15, BETWEEN COLUMNS H AND J Elevation: 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-733E Component: SOLENOID BALL VALVE	Temperature (°F)	104
Manufacturer: GENERAL PNEUMATIC	Pressure (PSIA)	14.7
Model Number: PART # 608KW106	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15, BETWEEN COLUMNS H AND J Elevation: 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-754

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-733F Component: SOLENOID BALL VALVE	Temperature (°F)	104
Manufacturer: GENERAL PNEUMATIC	Pressure (PSIA)	14.7
Model Number: PART # 608KW106	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15, BETWEEN COLUMNS H AND J Elevation: 600'0"	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:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 308
 Revision 2
 Date 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 1-700-736B,C,D,E,F Component: SQUIB SHEAR VALVE	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: PYRODYNE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: NO TAG	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	< 1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY F. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 309
 Revision 2
 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-736B Component: SQUIB SHEAR VALVE	Temperature (°F)	104
Manufacturer: PYRODYNE	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15, BETWEEN COLUMNS H AND J Elevation: 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-736C Component: SQUIB SHEAR VALVE	Temperature (°F)	104
Manufacturer: PYRODYNE	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15, BETWEEN COLUMNS H AND J Elevation: 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 310
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-736D Component: SQUIB SHEAR VALVE	Temperature (°F)	104
Manufacturer PYRODYNE	Pressure (PSIA)	14.7
Model Number NO TAG	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location COLUMN 15, BETWEEN COLUMNS H AND J Elevation 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-736E Component: SQUIB SHEAR VALVE	Temperature (°F)	104
Manufacturer PYRODYNE	Pressure (PSIA)	14.7
Model Number NO TAG	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location COLUMN 15, BETWEEN COLUMNS H AND J Elevation 600'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: 1-700-736F Component: SQUIB SHEAR VALVE	Temperature (°F)	104
Manufacturer: PYRODYNE	Pressure (PSIA)	14.7
Model Number: NO TAG	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: TRANSVERSING INCORE PROBE ISOLATION VALVE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: COLUMN 15, BETWEEN COLUMNS H AND J Elevation: 600'0"	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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 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 312
 Revision 2
 Date 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION	Operating Time	30 SECONDS	1 DAY	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
Plant I.D. Number: MO-1-1201-2	Temperature (°F)	NORMAL 150 LOCA 281	307	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	74.7	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR	Relative Humidity (%)	100	SEE NOTE (1) 100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Model Number: TYPE SMB-1-40	Chemical Spray	DEMIN WATER	BORIC ACID SPRAY	REF. (D)	REF. (B)	SIMULTANEOUS TEST	
Purchase Order Number: 3620-125 SPEC R-2358	Radiation (Rad)	1.7 E04	2.0 E08	REF. (E)	REF. (F)	INDIVIDUAL TEST	
Function/Service: REACTOR WATER CLEANUP INBOARD ISOLATION VALVE	Aging	30 Y THERMAL AND 1.1 E06 RADS	155C FOR 100 HOURS	REF. (G)	REF. (F)	SEQUENTIAL TEST	
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	NA	
Location: INSIDE DFYWELL							
Elevation: 602' 10"							
Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:							

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7.1 B. REPORT NO. 338164-FC-2485-01 TESTS OF LIMITORQUE VALVE OPERATOR AND MOTORBRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION, UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT. C. FSAR TABLE 5.2.1 AND FIGURES 5.2.15 AND 5.2.16	1. THE TEST PROCEDURE REQUIRED SATURATED ATMOSPHERE BUT HUMIDITY WAS NOT MEASURED DURING TEST. TEST PERFORMED USING SATURATED STEAM FOR TEMPERATURE.

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Date: 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>D. FSAR SECTION 6.2.4.2.2 E. BECHTEL RADIATION STUDY F. REPORT NO. WCAP 7410-L TEST ON LIMITORQUE VALVE MOTOR OPERATORS. G. REPORT NEDO-24217, TABLE 4-3.</p>	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION Plant I.D. Number: MO-1-1201-5 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: TYPE SMB Purchase Order Number: 3620-125 SPEC R-2358 Function/Service: REACTOR WATER CLEANUP OUTBOARD ISOLATION VALVE Accuracy: Spec: Demo: Location: RWCU HX ROOM NEAR PEN, AZIMUTH 270 Elevation: 625'0"	Operating Time	30 SECONDS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	281		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	63.0		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)	REF. (D)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7.1 B. ENVIRONMENTAL SERVICE CONDITIONS NOT ESTABLISHED. LOCA CONDITIONS FOR DRYWELL CONSERVATIVELY ASSUMED. C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.4 E. REPORT SECTION 4.3.6	1. ADDITIONAL VENDOR INFORMATION IS BEING SOUGHT TO RESOLVE OUTSTANDING ENVIRONMENTAL QUALIFICATION ITEMS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS- A. THESE COMPONENTS ARE DES. > AS REDUNDANT

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Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
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DOCUMENTATION REFERENCES (cont.)

NOTES (cont.)

- PAIRS, EACH SEPARATED FROM THE OTHER WITH ONLY ONE SUBJECTED TO A HARSH ENVIRONMENT.
- B. THESE COMPONENTS COMPLETE THEIR FUNCTION AT A VERY SHORT PERIOD OF TIME AND WOULD NOT EXPERIENCE SIGNIFICANT EFFECTS OF INCREASED ENVIRONMENTAL CONDITIONS IN THIS SHORT TIME PERIOD.
 - C. THESE COMPONENTS UNDERGO PERIODIC FUNCTIONAL TESTING TO VERIFY OPERABILITY. THIS TESTING WOULD IDENTIFY AGE RELATED DEGRADATION.

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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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	20 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: AG-1-2001-3&4	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: SOLENOID VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: CAT. # HT 831614	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. TECH SPEC TABLE 3.7.1 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	20 SECONDS
Plant I.D. Number: AO-1-2001-3 Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT.# HT 831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-1-2001-3	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: TOP OF TORUS NEAR PEN X-18 Elevation 585'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	20 SECONDS
Plant I.D. Number: AO-1-2001-4 Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT.# HT 831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-1-2001-4	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: TOP OF TORUS NEAR PEN X-18 Elevation 585'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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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	20 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: AO-1-2001-15 & 16 Component: SOLENOID VALVE	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: CAT. # HT 831614	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. TECH SPEC TABLE 3.7.1 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	20 SECONDS
Plant I.D. Number: AO-1-2001-15 Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT.# HT 831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-1-2001-15	Radiation (Rad)	<1.0 E04
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.
Location: TOP OF TORUS NEAR 90 AZIMUTH Elevation: 585'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	20 SECONDS
Plant I.D. Number: AO-1-2001-16 Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT.# HT 831614	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-1-2001-16	Radiation (Rad)	<1.0 E04
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.
Location: TOP OF TORUS NEAR 90 AZIMUTH Elevation: 585'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No		

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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 320
 Revision: 2
 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION Plant I.D. Number: 50-1-4720 Component: SOLENOID VALVE Manufacturer: ASCO Model Number: Purchase Order Number: Function/Service: CONTAINMENT ISOLATION INSTRUMENT AIR SYSTEM Accuracy: Spec: Demo: Location: OUTSIDE DRYWELL NW SIDE Elevation: 595'0"	Operating Time	10 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7.1 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. 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	10 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 50-1-4271 Component: SOLENOID VALVE	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: SN 681055 Purchase Order Number:	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Function/Service: INSTRUMENT AIR CONTAINMENT ISOLATION VALVE	Chemical Spray	NA	NA	NA	NA		
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Location: OUTSIDE DRYWELL NW SIDE Elevation: 595'0"	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Flood Level Elevation: NA Above Flood Level Yes No	Submergence	NA	NA	NA	NA		

DOCUMENTATION REFERENCES

- A. TECH SPEC TABLE 3.7.1
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

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 Facility: QUAD CITIES
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Component Sheet No: 322
 Revision 2
 Date 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTAINMENT ISOLATION Plant I.D. Number: SEE ATTACHED SHEETS Component: MOTOR-OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: TYPE SMB-000-5 Purchase Order Number: 3620-125 SPEC R-2358 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	1 DAY	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	SEE NOTE (2) 100	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
	Chemical Spray	DEMIN WATER	BORIC ACID SPRAY	REF. (D)	REF. (B)	SIMULTANEOUS TEST	
	Radiation (Rad)	3.3 E05	2.0 E08	REF. (E)	REF. (F)	INDIVIDUAL TEST	
	Aging	30 Y THERMAL AND 1.1 E06 RADS	155C FOR 100 HOURS	REF. (G)	REF. (F)	SEQUENTIAL TEST	
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT NO. 338164-FC-2485-01 TESTS OF LIMITORQUE VALVE OPERATOR AND MOTORBRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION UNDER SIMULATED REACTOR CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT. C. FSAR TABLE 5.2.1 AND FIGURES 5.2.15 AND 5.2.16	1. THESE VALVES SHOULD BE PROVIDED WITH AN AUTOMATIC CLOSURE SIGNAL ON CONTAINMENT ISOLATION INITIATION. 2. THE TEST PROCEDURE REQUIRED SATURATED ATMOSPHERE BUT HUMIDITY WAS NOT MEASURED DURING TEST. TEST PERFORMED USING SATURATED STEAM FOR TEMPERATURE.

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DOCUMENTATION REFERENCES (cont.)

- D. FSAR SECTION 6.2.4.2.2
- E. BECHTEL RADIATION STUDY
- F. REPORT NO. WCAP 7410-L TEST ON LIMITORQUE VALVE MOTOR OPERATORS.
- G. REPORT NEDO-24217. TABLE 4-3

NOTES (cont.)

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-3706	Temperature (°F)	NORMAL 150 LOCA 281
Component: MOTOR-OPERATED GATE VALVE	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Manufacturer: LIMITORQUE (PEERLESS)	Relative Humidity (%)	100
AC MOTOR	Chemical Spray	DEMIN WATER
Model Number: TYPE SMB-000-5	Radiation (Rad)	3.3 E05
Purchase Order Number: 3620-125	Aging	
SPEC R-2358	Submergence	NA
Function/Service: RBCCW DRYWELL RETURN ISOLATION		
Accuracy: Spec: NA Demo: NA		
Location: INSIDE DRYWELL NEAR 45 AZIMUTH		
Elevation: 590'0"		
Flood Level: Elevation: 583'0" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-3703	Temperature (°F)	104
Component: MOTOR-OPERATED GATE VALVE	Pressure (PSIA)	14.7
Manufacturer: LIMITORQUE (PEERLESS)	Relative Humidity (%)	100
AC MOTOR	Chemical Spray	NA
Model Number: TYPE SMB-000-5	Radiation (Rad)	1.1 E05
Purchase Order Number: 3620-125	Aging	NOT REQD.
SPEC R-2358	Submergence	NA
Function/Service: RBCCW DRYWELL RETURN ISOLATION		
Accuracy: Spec: NA Demo: NA		
Location: TOP OF TORUS NEAR 45 AZIMUTH		
Elevation: 585'0"		
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

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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: CONTAINMENT ISOLATION Plant I.D. Number: POS-1-2001-15, 16 Component: POSITION SWITCH Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II D1200G 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	20 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7-1 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	20 SECONDS
Plant I.D. Number: POS-1-2001-15 Component: POSITION SWITCH	Temperature (°F)	104
Manufacturer: NAMCO SNAP-LOCK	Pressure (PSIA)	14.7
Model Number: MARK II D1200G	Relative Humidity (%)	100
Purchase Order Number: TAG DAMAGED	Chemical Spray	NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEMS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: TOP OF TORUS NEAR 90 AZIMUTH Elevation: 585' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION	Operating Time	20 SECONDS
Plant I.D. Number: POS-1-2001-16 Component: POSITION SWITCH	Temperature (°F)	104
Manufacturer: NAMCO SNAP-LOCK	Pressure (PSIA)	14.7
Model Number: MARK II D1200G	Relative Humidity (%)	100
Purchase Order Number: TAG DAMAGED	Chemical Spray	NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEMS	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: TOP OF TORUS NEAR 90 AZIMUTH Elevation: 585' 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: CONTAINMENT ISOLATION Plan I.D. Number: POS-1-2001-3,4 Component: POSITION SWITCH Manufacturer: NAMCO SNAP-LOCK Model Number: D1200G 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	20 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA		NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7.1 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTAINMENT ISOLATION Plant I.D. Number: POS-1-2001-3 Component: POSITION SWITCH Manufacturer: NAMCO SNAP-LOCK Model Number: D1200G Purchase Order Number:	Operating Time Temperature (°F) Pressure (PSIA) Relative Humidity (%) Chemical Spray	20 SECONDS 104 14.7 100 NA
Function/Service: OUTBOARD CONTAINMENT ISOLATION VALVE RADWASTE DRAINS SYSTEM Accuracy: Spec: Demo: Location: TOP OF TORUS NEAR PEN X-18 Elevation: 585' 0"	Radiation (Rad) Aging Submergence	<1.0 E04 NOT RECD. NA
Flood Level Elevation: NA Above Flood Level: Yes: No:	Flood Level Elevation: NA Above Flood Level: Yes: No:	Flood Level Elevation: NA Above Flood Level: Yes: No:

9-0858-03

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: CONTAINMENT ISOLATION	Operating Time	10 MINUTES	NOT REQD. (15 DAYS)	REF. (A)	REF. (B)	SIMULTANEOUS TEST
Plant I.D. Number MO-1-3702	Temperature (°F)	104	NOT REQD. (350)	REF. (C)	REF. (B)	SIMULTANEOUS TEST
Component: MOTOR OPERATED VALVE	Pressure (PSIA)	14.7	NOT REQD. (7)	REF. (C)	REF. (B)	SIMULTANEOUS TEST
Manufacturer: LIMITORQUE (RELIANCE)	Relative Humidity (%)	100	NOT REQD. (100)	REF. (C)	REF. (B)	SIMULTANEOUS TEST
AC MOTOR	Chemical Spray	NA	NA	NA	NA	NA
Model Number: SMB-2-40	Radiation (Rad)	1.1 E05	2.0 E07	REF. (D)	REF. (B)	INDIVIDUAL TEST
Purchase Order Number: 3620-125	Aging	NOT REQD.	(165 F FOR 199.8 HOURS)	REF. (E)	REF. (B)	SEQUENTIAL TEST
SPEC R-2358	Submergence	NA	NA	NA	NA	NA
Function/Service: Accuracy Spec: Demo: Location: TOP OF TOWER NEAR 45 AZIMUTH Elevation: 590'0"	Flood Level Elevation: NA Above Flood Level: Yes No					

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT NO 600461-B0003 QUALIFICATION TYPE TEST REPORT LIMITORQUE VALVE ACTUATORS FOR CLASS IIE SERVICE OUTSIDE PRIMARY CONTAINMENT. C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY	

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DOCUMENTATION REFERENCES (cont.)

E. REPORT SECTION 4.3.6

NOTES (cont.)

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: SOLENOID VALVE (TYPICAL OF 177)	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: HVA 90-405-2A	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 6.5 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. 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: 50-1-305-117	Temperature (°F)	104
Component: SOLENOID VALVE (TYPICAL OF 177)	Pressure (PSIA)	14.7
Manufacturer: ASCO	Relative Humidity (%)	100
Model Number: HVA 90-405-2A	Chemical Spray	NA
Purchase Order Number:	Radiation (Rad)	<1.0 E04
Function/Service: CONTROL ROD DRIVE SCRAM	Aging	NOT REQD.
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location: 88 NORTH SIDE OF RB 89 SOUTH SIDE OF RB Elevation 601'0"		
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: 50-1-305-118	Temperature (°F)	104
Component: SOLENOID VALVE (TYPICAL OF 177)	Pressure (PSIA)	14.7
Manufacturer: ASCO	Relative Humidity (%)	100
Model Number: HVA 90-405-2A	Chemical Spray	NA
Purchase Order Number:	Radiation (Rad)	<1.0 E04
Function/Service: CONTROL ROD DRIVE SCRAM	Aging	NOT REQD.
Accuracy: Spec: NA Demo: NA	Submergence	NA
Location: 88 NORTH SIDE OF RB 89 SOUTH SIDE OF RB Elevation 601'0"		
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		
System CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number: SD-1-302-19A&B Component: SOLENOID VALVE	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer: ASCO	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Model Number: CAT. NO. WPBLXB31636 Purchase Order Number	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	
Accuracy: Spec: Location: Demo: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)	
Elevation: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Flood Level Elevation Above Flood Level: Yes: No:	Submergence	NA	NA	NA	NA	

DOCUMENTATION REFERENCES

- A. FSAR SECTION 6.5
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. 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: 50-1-302-19A Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT. NO. WPBLX831636	Relative Humidity (%)	100
Purchase Order Number:	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 17&H	Submergence	NA
Elevation: 600'0"		
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: 50-1-302-19B Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT. NO. WPBLX831636	Relative Humidity (%)	100
Purchase Order Number:	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 17&H	Submergence	NA
Elevation: 600'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

Component Sheet No: 335
 Revision 2
 Date 11-01-80

Owner COMMONWEALTH EDISON
 Facility QUAD CITIES
 Unit 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC Plant I.D. Number: LS-1-302-82A,B,C,D Component: LEVEL SWITCH Manufacturer: MAGNETROL Model Number: 402 Purchase Order Number:	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
	104	NOT REQD.	REF. (C)	REF. (B)		
	14.7	NOT REQD.	REF. (C)	REF. (B)		
	100	NOT REQD.	REF. (C)	REF. (B)		
	NA	NA	NA	NA		
	<1.0 EO4	NOT REQD.	REF. (D)	REF. (B)		
	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	NA	NA	NA	NA		

DOCUMENTATION REFERENCES

- A. FSAR SECTION 6.5
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 336
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: LS-1-302-82A Component: LEVEL SWITCH	Temperature (°F)	104
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL ALARM HALF SCRAM CHANNEL A	Radiation (Rad)	<1.0 E04
Accuracy: Spec: 0.5% Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 17&H	Submergence	NA
Elevation: 601'0"		
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-1-302-82B Component: LEVEL SWITCH	Temperature (°F)	104
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL ALARM HALF SCRAM CHANNEL B	Radiation (Rad)	<1.0 E04
Accuracy: Spec: 0.5% Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 17&H	Submergence	NA
Elevation: 601'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

Component Sheet No. 337
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 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: LS-1-302-82C Component: LEVEL SWITCH	Temperature (°F)	104
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL ALARM HALF SCRAM CHANNEL A	Radiation (Rad)	<1.0 E04
Accuracy: Spec: 0.5% Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 17&H	Submergence	NA
Elevation: 601'0"		
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-1-302-82D Component: LEVEL SWITCH	Temperature (°F)	104
Manufacturer: MAGNETROL	Pressure (PSIA)	14.7
Model Number: 402	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: SCRAM DISCHARGE LEVEL ALARM HALF SCRAM CHANNEL B	Radiation (Rad)	<1.0 E04
Accuracy: Spec: 0.5% Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 17&H	Submergence	NA
Elevation: 601'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

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Component Sheet No. 338
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual		
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 50-1-305-120	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: SOLENOID VALVE (TYPICAL OF 177)	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: HVA-96-082A	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: CONTROL ROD DRIVE MANUAL CONTROL	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: ON ACCUMULATOR BOTTLES							
Elevation: 601'-0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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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 ROD DRIVE HYDRAULIC Plant I.D. Number: SO-1-305-121 Component: SOLENOID VALVE (TYPICAL OF 177) Manufacturer: ASCO Model Number: HVA-96-081A Purchase Order Number: Function/Service: CONTROL ROD DRIVE MANUAL CONTROL Accuracy: Spec: NA Demo: NA Location: ON ACCUMULATOR BOTTLES Elevation: 601'-0" Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: CONTROL ROD DRIVE HYDRAULIC Plant I.D. Number 50-1-305-122 Component: SOLENOID VALVE (TYPICAL OF 177) Manufacturer: ASCO	Operating Time	< 1 MINUTE	NOT REQD.	REF. (A)	REF. (B)	
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)	
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Model Number HVA-96-081A Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	
Function/Service CONTROL ROD DRIVE MANUAL CONTROL	Radiation (Rad)	< 1.0 E04	NOT REQD.	REF. (D)	REF. (B)	
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Location: ON ACCUMULATOR BOTTLES Elevation: 601'-0"	Submergence	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level Yes: No:						

DOCUMENTATION REFERENCES

- A. FSAR SECTION 6.5
- B. REPCIT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

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EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: SD-1-305-123	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: SOLENOID VALVE (TYPICAL OF 177)	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: HVA-96-082A	Chemical Spray	NA	NA	NA	NA		
Purchase Order Number:	Radiation (Rad)	<1.0 EO4	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: CONTROL ROD DRIVE MANUAL CONTROL	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Accuracy Spec: NA Demo: NA	Submergence	NA	NA	NA	NA		
Location: ON ACCUMULATOR BOTTLES Elevation 601'-0"	Flood Level Elevation: NA Above Flood Level Yes: No						

DOCUMENTATION REFERENCES

- A. FSAR SECTION 6.5
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

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EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	< 1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number POS-1-302-21A Component POSITION SWITCH	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: NAMCO SNAP-LOCK	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: MARK II D 1200G Purchase Order Number: R-2330	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Function/Service: SCRAM DISCHARGE VOLUME VENT VALVE	Chemical Spray	NA	NA	NA	NA		
Accuracy: Spec Demo	Radiation (Rad)	< 1.0 EO4	NOT REQD.	REF. (D)	REF. (B)		
Location: NEAR COL. H & 15	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Elevation: 595' 0"	Submergence	NA	NA	NA	NA		
Flood Level Elevation: NA Above Flood Level Yes No							

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. 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: POS-1-302-21B Component: POSITION SWITCH Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II D 1200G Purchase Order Number: R-2330 Function/Service: DISCHARGE VOLUME VENT VALVE Accuracy: Spec: Demo: Location: NEAR COL H & 15 Elevation: 595' 0" Flood Level Elevation: NA Above Flood Level: Yes No	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.5 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: PDS-1-302-22	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: POSITION SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: NAMCO	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: MARK II	Chemical Spray	NA	NA	NA	NA		
D 1200G	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Purchase Order Number: R-2330	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Function/Service: DISCHARGE VOLUME DRAIN VALVE	Submergence	NA	NA	NA	NA		
Accuracy Spec: Demo:							
Location:							
Elevation: 595' 0"							
Flood Level: Elevation: NA Above Flood Level: Yes No							

DOCUMENTATION REFERENCES

- A. FSAR SECTION 6.5
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 50-1-302-20A,B Component: SOLENOID VALVE	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: ASCO	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: HVA 90-405-2A	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 6.5 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDRAULIC	Operating Time	<1 MINUTE
Plant I.D. Number: 50-1-302-20A Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: HVA 90-405-2A	Relative Humidity (%)	100
Purchase Order Number:	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: NEAR COLUMNS 17&H	Submergence	NA
Elevation: 600'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: CONTROL ROD DRIVE HYDROLIC	Operating Time	<1 MINUTE
Plant I.D. Number: 50-1-302-20B Component: SOLENOID VALVE	Temperature (°F)	104
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: HVA 90-405-2A	Relative Humidity (%)	100
Purchase Order Number:	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: NEAR COLUMNS 17&H	Submergence	NA
Elevation: 600'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number PC-1-263-52A,B Component: PRESSURE SWITCH	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Model Number B2T-M1255 Purchase Order Number:	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	
Accuracy Spec: Demo: Location: SEE ATTACHED SHEETS	Radiation (Rad)	< 1.0 EO4	NOT REQD.	REF. (D)	REF. (B)	
Elevation: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Flood Level Elevation: Above Flood Level: Yes No	Submergence	NA	NA	NA	NA	

DOCUMENTATION REFERENCES

- A. FSAR SECTION 6.2.6
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

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 Facility: QUAD CITIES
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-263-52A Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: INITIATES CORE SPRAY AND RHRS ON LOW REACTOR PRESSURE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-5 COLUMNS 48K Elevation: 623'-0"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-263-52B Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-M12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: INITIATES CORE SPRAY AND RHRS ON LOW REACTOR PRESSURE	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-6 COLUMNS 168M Elevation: 623'-0"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

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 Facility QUAD CITIES
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EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: REACTOR RECIRCULATION	Operating Time	<1 MI.-JUTE	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number: PS-1-263-55A, B, C, D	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)	
Component: PRESSURE SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer: BARKSDALE	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Model Number: B2T-A1255	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)	
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Accuracy: Spec: Demo:	Submergence	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS						
Elevation: SEE ATTACHED SHEETS						
Flood Level: Elevation: Above Flood Level: Yes: ..						

DOCUMENTATION REFERENCES

- A. FSAR FIGURE 6.2.15
- B. REPORT SECTION 4.4
- C. FSAR SECTION 10.10
- D. BECHTEL RADIATION STUDY
- E. REPORT SECTION 4.3.6

NOTES

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	<1 MINUTE
Plant I.D. Number: PS-1-263-55A Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-5 COLUMNS 14 & K Elevation: 623'-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: PS-1-263-55B Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-5 COLUMNS 14 & K Elevation: 623'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes No		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	<1 MINUTE
Plant I.D. Number: PS-1-263-55C Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-6 COLUMNS 16&M Elevation 623'-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: PS-1-263-55D Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: REACTOR PRESSURE HIGH ALARM, ENERGIZES SCRAM RELAY	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-6 COLUMNS 16&M Elevation 623'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes No:		

Component Sheet No. 352
 Revision 2
 Date 11-01-80

Owner COMMONWEALTH EDISON
 Facility QUAD CITIES
 Unit 1
 Docket No. 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System REACTOR RECIRCULATION	Operating Time	<1 MINUTE	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number LIS-1-263-57A.B	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)	
Component LEVEL INDICATOR SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)	
Manufacturer YARWAY	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)	
Model Number 4418C	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number GE ABO41	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)	
Function/Service SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)	
Accuracy Spec Demo Location SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level Yes No						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 6.2.15 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	<1 MINUTE
Plant I.D. Number LIS-1-263-57A Component LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LOW LOW WATER LEVEL ALARM	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location RACK 2201-5 COLUMN 14 & K Elevation 623' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No.	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	<1 MINUTE
Plant I.D. Number LIS-1-263-57B Component LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE 8041	Relative Humidity (%)	100
Function/Service: REACTOR VESSEL LOW LOW WATER LEVEL ALARM	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location RACK 2201-5 COLUMN 14 & K Elevation 623' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No.	Submergence	NA

Component Sheet No: 354
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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System REACTOR RECIRCULATION	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: LIS-1-263-58A.B Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY Model Number: 4418C Purchase Order Number: GE ABO41 Function/Service: SEE ATTACHED SHEETS Accuracy: Spec Demo: Location: SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	5.5 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASON- RADIATION DOSES WERE CALCULATED USING CONSERVATIVE, NON-MECHANISTIC MODELS.

Component Sheet No. 355
Revision: 2
Date 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. DURING THIS TIME, ACTION WILL BE TAKEN TO SHUT DOWN REDUNDANT SYSTEMS BEYOND THOSE NEEDED FOR COOLANT INJECTION. THIS WOULD RESULT IN RADIATION EXPOSURES TO ONLY ONE OF TWO REDUNDANT EQUIPMENT TRAINS. ALSO ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. FINALLY, SHOULD THE OPERATING EQUIPMENT SUFFER DEGRADATION DUE TO RADIATION EXPOSURE, THE SHUT DOWN REDUNDANT SYSTEM COULD BE ACTIVATED. DURING THE TIME AVAILABLE AFTER STABILIZATION OF CORE COOLING, ADDITIONAL COOLANT INJECTION PATHS COULD BE ESTABLISHED, IF NECESSARY, TO ASSURE LONG TERM COOLING.</p>

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	CONTINUOUS
Plant I.D. Number: LIS-1-263-58A Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: START AND TRIP SIGNAL TO HPCI AND SERVICE WATER PUMPS	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	5.5 E05
Location: RACK 2201-6 COLUMN 16&M Elevation: 623' 0"	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-1-263-58B Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: START AND TRIP SIGNAL TO HPCI AND SERVICE WATER PUMPS	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	5.5 E05
Location: RACK 2201-6 COLUMN 16&M Elevation: 623' 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: REACTOR RECIRCULATION Plant I.D. Number: LITS-1-263-59A,B Component: LEVEL INDICATING TRANSMITTER SWITCH Manufacturer: YARWAY Model Number: 441BCE Purchase Order Number: GE ABO41 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)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 6.2.15 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	<1 MINUTE
Plant I.D. Number: LITS-1-263 59A Component: LEVEL INDICATING TRANSMITTER SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418CE	Pressure (PSIA)	14.7
Purchase Order Number: GE A8041	Relative Humidity (%)	100
Function/Service: TRIP MAIN TURBINE AND REACTOR LEVEL CONTROL	Chemical Spray	NA
Accuracy Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-5 COLUMN 14 & K Elevation 623'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	<1 MINUTE
Plant I.D. Number: LITS-1-263-59B Component: LEVEL INDICATING TRANSMITTER SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418CE	Pressure (PSIA)	14.7
Purchase Order Number: GE A8041	Relative Humidity (%)	100
Function/Service: TRIP MAIN TURBINE AND REACTOR LEVEL CONTROL	Chemical Spray	NA
Accuracy Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-6 COLUMNS 16&M Elevation 623'-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: REACTOR RECIRCULATION Plant I.D. Number: LIS-1-263-72A, B, C, D Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY Model Number: 441BC Purchase Order Number: GE ABO41 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	2 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR SECTION 6.2.6 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: LIS-1-263-72A Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: REACTOR LOW-LOW WATER LEVEL TRIP CORE SPRA INITIATION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-5 COLUMNS 14 & K Elevation: 623'-0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: LIS-1-263-72B Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 4418C	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: REACTOR LOW-LOW WATER LEVEL TRIP CORE SPRA INITIATION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-6 COLUMNS 16&M Elevation: 623'-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: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: LIS-1-263-72C Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 441BC	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: REACTOR LOW-LOW WATER LEVEL TRIP CORE SPRAY INITIATION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-5 COLUMNS 14 & K Elevation: 623' -0"	Aging	NOT REQD.
Flood Level: Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: LIS-1-263-72D Component: LEVEL INDICATOR SWITCH Manufacturer: YARWAY	Temperature (°F)	104
Model Number: 441BC	Pressure (PSIA)	14.7
Purchase Order Number: GE ABO41	Relative Humidity (%)	100
Function/Service: REACTOR LOW-LOW WATER LEVEL TRIP CORE SPRAY INITIATION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-6 COLUMNS 16 & M Elevation: 623' -0"	Aging	NOT REQD.
Flood Level: Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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 Facility: QUAD CITIES
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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: LITS-1-263-73A,B Component: LEVEL INDICATING TRANSMITTER SWITCH Manufacturer: YARWAY Model Number: 4418CE Purchase Order Number: GE ABO43 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.	NA	REF. (A)		
	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	9.6 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS- A. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS.

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Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)

NOTES (cont.)

MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD THEREFORE BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS.

B. DOSE TO THIS EQUIPMENT IS CAUSED BY ONLY ONE LOOP OF A REDUNDANT PIPING SYSTEM. OPERATOR ACTION TAKEN TO SHUT DOWN REDUNDANT SYSTEMS WILL FURTHER REDUCE EXPOSURE TO THIS EQUIPMENT.

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	12 DAYS
Plant I.D. Number: LITS-1-263-73A Component: LEVEL INDICATING TRANSMITTER SWITCH Manufacturer: YARWAY	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: 4418CE	Relative Humidity (%)	100
Purchase Order Number: GE A8043	Chemical Spray	NA
Function/Service: REACTOR VESSEL LEVEL INDICATION CONTAINMENT SPRAY INTERLOCK	Radiation (Rad)	9.6 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-7 COLUMNS 15&K Elevation 606' -0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	12 DAYS
Plant I.D. Number: LITS-1-263-73B Component: LEVEL INDICATING TRANSMITTER SWITCH Manufacturer: YARWAY	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: 4418CE	Relative Humidity (%)	100
Purchase Order Number: GE A8043	Chemical Spray	NA
Function/Service: REACTOR VESSEL LEVEL INDICATION CONTAINMENT SPRAY INTERLOCK	Radiation (Rad)	9.6 E05
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-8 COLUMNS 17&K Elevation 606' -0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Date 11-01-80

Owner COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: PS-1-263-111A, B, C, D	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: PRESSURE SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: BARKSDALE	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: B2T-A12SS	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: GE A8639	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 6.2.15 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-263-111A Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE AB639	Chemical Spray	NA
Function/Service: PERMISSIVE FOR RHRS LOOP SELECTION DELAY	Radiation (Rad)	<1.0 E04
Accuracy: Spec. Demo:	Aging	NOT REQD.
Location: RACK 2201-7 COLUMNS 15&K Elevation 608'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-263-111B Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE AB639	Chemical Spray	NA
Function/Service: PERMISSIVE FOR RHRS LOOP SELECTION DELAY	Radiation (Rad)	<1.0 E04
Accuracy: Spec. Demo:	Aging	NOT REQD.
Location: RACK 2201-8 COLUMNS 17&K Elevation 606'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-263-111C Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE AB639	Chemical Spray	NA
Function/Service: PERMISSIVE FOR RHRS LOOP SELECTION DELAY	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-7 COLUMNS 15&K Elevation: 606'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes. No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-263-111D Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE AB639	Chemical Spray	NA
Function/Service: PERMISSIVE FOR RHRS LOOP SELECTION DELAY	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-8 COLUMNS 17&K Elevation: 606'-0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes. No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No: 368
 Revision 2
 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual		
System: REACTOR RECIRCULATION	Operating Time	5 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: POS-1-220-45	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: POSITION SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer:	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
Accuracy: Spec: Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: NEAR P&N X-41 RWCU ROOM							
Elevation: 625' 0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 369
 Revision 2
 Date 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number PS-1-261-23-A,B Component: PRESSURE SWITCH	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Model Number: B2T-A1255	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 6.2.6 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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 Facility: QUAD CITIES
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 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-261-23-A Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PERMISSIVE FOR LPCI TO REACTOR	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-5 COLUMNS 14 & K Elevation: 623' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: PS-1-261-23-B Component: PRESSURE SWITCH	Temperature (°F)	104
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PERMISSIVE FOR LPCI TO REACTOR	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-7 COLUMNS 15 & K Elevation: 606' 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: REACTOR RECIRCULATION	Operating Time	2 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number DPIS-1-261-34-A, B, C, D	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: BARTON	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: 288	Chemical Spray	NA	NA	NA	NA		
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 6.2.6 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: DPIS-1-261-34-A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: ISOLATE RECIRCULATION LOOP	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-7 COLUMNS 15 & K Elevation 606' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: DPIS-1-261-34-B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: ISOLATE RECIRCULATION LOOP	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-7 COLUMNS 15 & K Elevation 606' 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: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: DPIS-1-261-34-C Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP RISER DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-B COLUMNS 17 & K Elevation: 606' 0"	Aging	NOT REQD.
Flood Level: Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	2 MINUTES
Plant I.D. Number: DPIS-1-261-34-D Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP RISER DIFFERENTIAL PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-B COLUMNS 17 & K Elevation: 606' 0"	Aging	NOT REQD.
Flood Level: Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

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 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: DPIS-1-261-35A-H	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: BARTON	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: 288	Chemical Spray	NA	NA	NA	NA		
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 6.2.15 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 2B3	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP BREAK DETECTION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-35 NE CORNER ROOM Elevation: 554' 0"	Aging	NOT REQD.
Flood Level: Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP BREAK DETECTION	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-36 SE CORNER ROOM Elevation: 554' 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: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-C Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288 Purchase Order Number:	Pressure (PSIA)	14.7
Function/Service: RECIRCULATION LOOP BREAK DETECTION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: RACK 2201-35 NE CORNER ROOM Elevation: 554' 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: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-D Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288 Purchase Order Number:	Pressure (PSIA)	14.7
Function/Service: RECIRCULATION LOOP BREAK DETECTION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: RACK 2201-36 SE CORNER ROOM Elevation: 554' 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	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-E Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 28B	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-35 NE CORNER ROOM Elevation: 554' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-F Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 28B	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-36 SE CORNER ROOM Elevation: 554' 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: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-G Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-35 NE CORNER ROOM Elevation: 554' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-261-35-H Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	104
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP PRESSURE	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location: RACK 2201-36 SE CORNER ROOM Elevation: 554' 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: REACTOR RECIRCULATION	Operating Time	10 MINUTES		REF. (A)			SEE NOTE (1)
Plant I.D. Number: MO-1-202-4-A,B	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
Component: MOTOR OPERATED GATE VALVE	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
Model Number: SMB-2	Chemical Spray	DEMIN. WATER	NOT REQD.	REF. (C)	REF. (D)		
Purchase Order Number:	Radiation (Rad)	3.3 E05		REF. (E)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	30 Y THERMAL AND 6.6 E06 RADS		REF. (F)			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 TABLE 8.2.3 B. FSAR FIGURES 5.2.15 & 5.2.16 C. FSAR SECTION 6.2.4.2.2 D. CONTAINMENT SPRAY IS MANUALLY INITIATED AND NOT EXPECTED TO OCCUR WITHIN 10 MINUTES. THEREFORE, QUALIFICATION IS NOT REQUIRED. E. BECHTEL RADIATION STUDY	1. THIS OUTSTANDING ITEM WILL BE RESOLVED PER METHOD(S) AND SCHEDULE OUTLINED IN SECTION 3.0 OF THIS REPORT.

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DOCUMENTATION REFERENCES (cont.)

F. NEDO 24217. TABLE 4-3

NOTES (cont.)

Owner: COMMONWEALTH EDISON
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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-202-4-A Component: MOTOR OPERATED GATE VAVLE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-2 Purchase Order Number:	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
Function/Service: RECIRCULATION PUMP SUCTION	Chemical Spray	DEMIN. WATER
	Radiation (Rad)	3.3 E05
Accuracy: Spec: NA Demo: NA Location INSIDE DRYWELL Elevation 587' 8"	Aging	30 Y THERMAL AND 6.6 E06 RADS
	Submergence	NA
Flood Level Elevation 583' 0" Above Flood Level: Yes X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-202-4-B Component: MOTOR OPERATED GATE VAVLE Manufacturer: LIMITORQUE (RELIANCE) AC MOTOR Model Number: SMB-2 Purchase Order Number:	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
Function/Service: RECIRCULATION PUMP SUCTION	Chemical Spray	DEMIN. WATER
	Radiation (Rad)	3.3 E05
Accuracy: Spec: NA Demo: NA Location INSIDE DRYWELL Elevation 587' 8"	Aging	30 Y THERMAL AND 6.6 E06 RADS
	Submergence	NA
Flood Level Elevation 583' 0" 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: REACTOR RECIRCULATION Plant I.D. Number: MD-1-202-6-A,B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE AC MOTOR Model Number: SMB-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	10 MINUTES		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	NOT REQD.	REF. (C)	REF. (D)		
	Radiation (Rad)	3.3 E05		REF. (E)			SEE NOTE (1)
	Aging	30 Y THERMAL AND 6.6 E06 RADS		REF. (F)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. FSAR FIGURES 5.2.15 & 5.2.16 C. FSAR SECTION 6.2.4.2.2 D. CONTAINMENT SPRAY IS MANUALLY INITIATED AND IS NOT EXPECTED TO OCCUR WITHIN 10 MINUTES. THEREFORE, QUALIFICATION IS NOT REQUIRED. E. BECHTEL RADIATION STUDY	1. ADDITIONAL VENDOR INFORMATION IS BEING SOUGHT TO RESOLVE OUTSTANDING ENVIRONMENTAL QUALIFICATION ITEMS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS- A. THESE COMPONENTS OR SIMILAR ITEMS HAVE

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EQUIPMENT QUALIFICATION REPORT

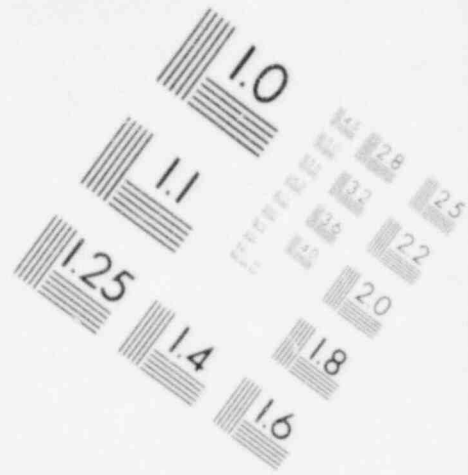
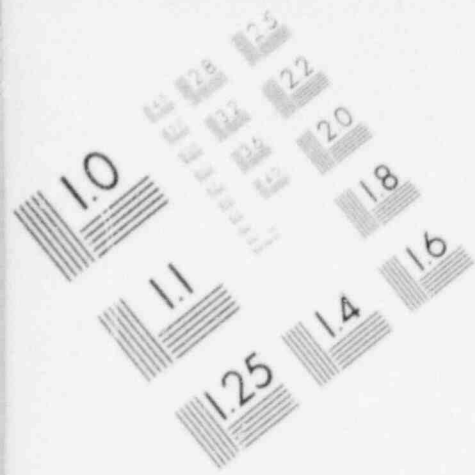
DOCUMENTATION REFERENCES (cont.)

F. NEDO 24217, TABLE 4-3

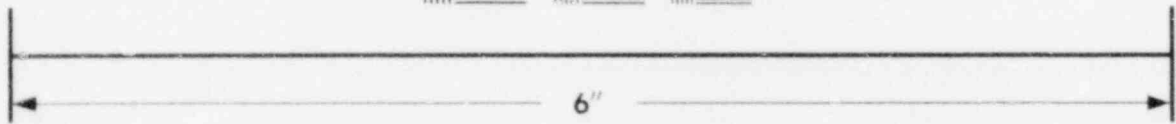
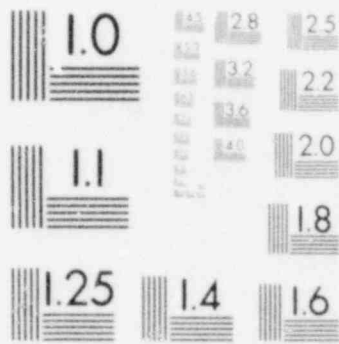
NOTES (cont.)

BEEN PARTIALLY TESTED FOR ENVIRONMENTAL CONDITIONS.

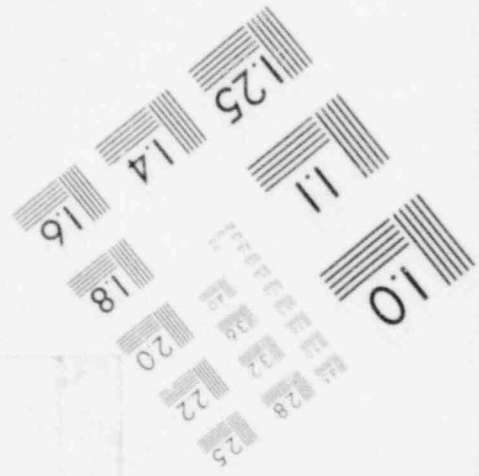
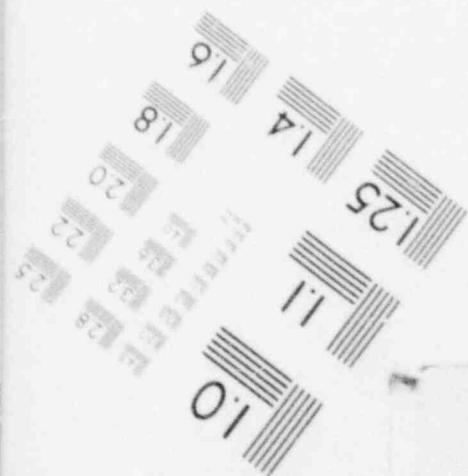
- B. THESE COMPONENTS REMAINED FUNCTIONAL DURING THE JUNE 5, 1970 DEPRESSURIZATION INCIDENT AT DRESDEN UNIT 2. THIS INCIDENT RESULTED IN HARSH ENVIRONMENTAL CONDITIONS.

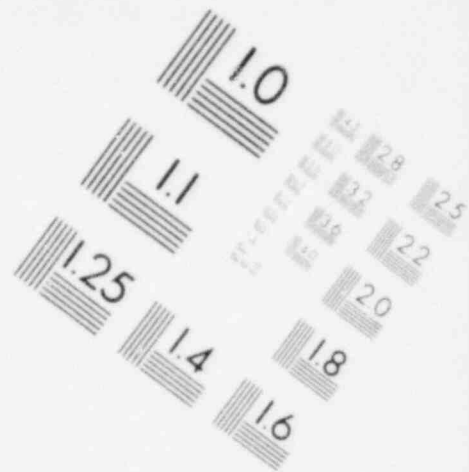
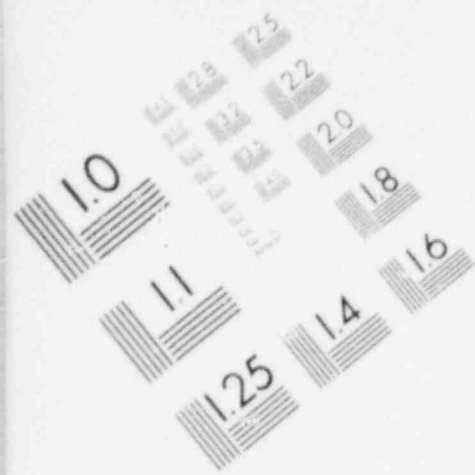


**IMAGE EVALUATION
TEST TARGET (MT-3)**

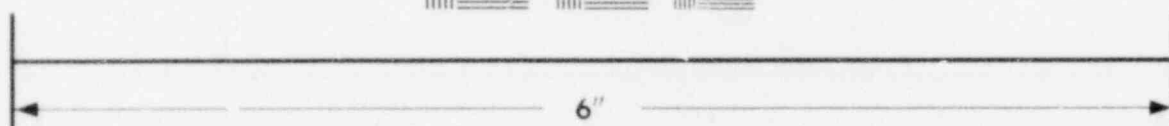
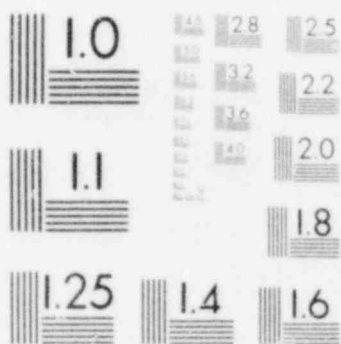


MICROCOPY RESOLUTION TEST CHART

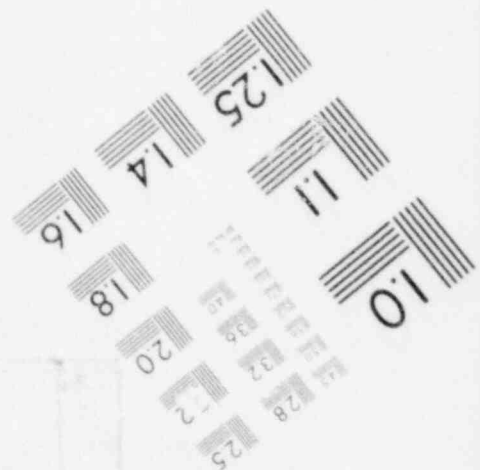
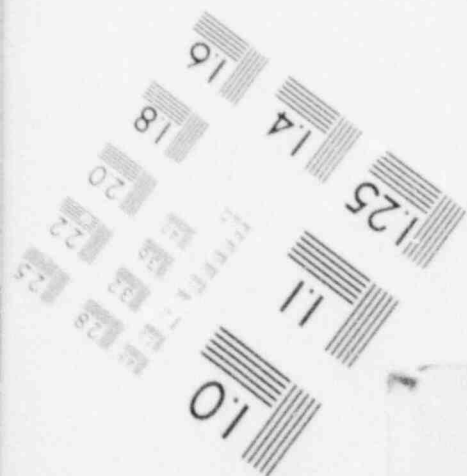




**IMAGE EVALUATION
TEST TARGET (MT-3)**



MICROCOPY RESOLUTION TEST CHART



Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

Component Sheet No. 384
 Revision 2
 Date: 11-01-80

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-202-6-A Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE AC MOTOR Model Number: SMB-2 Purchase Order Number:	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP CROSSTIE	Chemical Spray	DEMIN. WATER
	Radiation (Rad)	3.3 E05
Accuracy: Spec: NA Demo: NA Location INSIDE DRYWELL	Aging	30 Y THERMAL AND 6.6 E06 RADS
Elevation 611' 0"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-202-6-B Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE AC MOTOR Model Number: SMB-2 Purchase Order Number:	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
Function/Service: RECIRCULATION LOOP CROSSTIE	Chemical Spray	DEMIN. WATER
	Radiation (Rad)	3.3 E05
Accuracy: Spec: NA Demo: NA Location INSIDE DRYWELL	Aging	30 Y THERMAL AND 6.6 E06 RADS
Elevation 611' 0"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:		

0-0858-03

Component Sheet No: 385
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION Plant I.D. Number: MO-1-202-9-A,B Component: MOTOR OPERATED VALVE Manufacturer: LIMITORQUE AC MOTOR Model Number: SMB-000 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	10 MINUTES		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	NOT REQD.	REF. (C)	REF. (D)		
	Radiation (Rad)	3.3 E05		REF. (E)			SEE NOTE (1)
	Aging	30 Y THERMAL AND 6.6 E06 RADS		REF. (F)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 6.2.15 B. FSAR FIGURES 5.2.15 & 5.2.16 C. FSAR SECTION 6.2.4.2.2 D. CONTAINMENT SPRAY IS MANUALLY INITIATED AND IS NOT EXPECTED TO OCCUR WITHIN 10 MINUTES. THEREFORE, QUALIFICATION IS NOT REQUIRED. E. BECHTEL RADIATION STUDY	1. ADDITIONAL VENDOR INFORMATION IS BEING SOUGHT TO RESOLVE OUTSTANDING ENVIRONMENTAL QUALIFICATION ITEMS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS- A. THESE COMPONENTS OR SIMILAR ITEMS HAVE

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Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Doc: 50-254

DOCUMENTATION REFERENCES (cont.)

F. NEDO 24217, TABLE 4-3

NOTES (cont.)

BEEN PARTIALLY TESTED FOR ENVIRONMENTAL CONDITIONS.

B. THESE COMPONENTS REMAINED FUNCTIONAL DURING THE JUNE 5, 1970 DEPRESSURIZATION INCIDENT AT DRESDEN UNIT 2. THIS INCIDENT RESULTED IN HARSH ENVIRONMENTAL CONDITIONS.

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-202-9-A Component: MOTOR OPERATED VALVE Manufacturer: LIMITORQUE AC MOTOR Model Number: SMB-000 Purchase Order Number:	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
	Chemical Spray	NA
Function/Service: RECIRCULATION LOOP CROSSTIE	Radiation (Rad)	3.3 E05
Accuracy: Spec: NA Demo: NA Location INSIDE DRYWELL Elevation 611' 0"	Aging	30 Y THERMAL AND 6.6 E06 RADS
	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR RECIRCULATION	Operating Time	10 MINUTES
Plant I.D. Number: MO-1-202-9-B Component: MOTOR OPERATED VALVE Manufacturer: LIMITORQUE AC MOTOR Model Number: SMB-000 Purchase Order Number:	Temperature (°F)	NORMAL 150 LOCA 281
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
	Relative Humidity (%)	100
	Chemical Spray	NA
Function/Service: RECIRCULATION LOOP CROSSTIE	Radiation (Rad)	3.3 E05
Accuracy: Spec: NA Demo: NA Location INSIDE DRYWELL Elevation 611' 0"	Aging	30 Y THERMAL AND 6.6 E06 RADS
	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: * Yes: X No:		

Component Sheet No. 388
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION Plant I.D. Number: POS-1-220-44 Component: POSITION SWITCH Manufacturer: NAMCO SNAPLOCK Model Number: EA 08011100 Purchase Order Number: Function/Service: POSITION SWITCH FOR RECIRCULATION LOOP SAMPLING VALVE Accuracy: Spec: NA Demo: NA Location: INSIDE DRYWELL NEAR 270 AZIMUTH Elevation: 595'0"	Operating Time	5 SECONDS		REF. (A)			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281		REF. (B)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (B)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (B)			SEE NOTE (1)
	Chemical Spray	DEMIN. WATER	NOT REQD.	REF. (C)	REF. (D)		
	Radiation (Rad)	<1.0 E04		REF. (E)			
	Aging	5 YR THERMAL AND 1.8 E05 RADS	NONE	REF. (F)	REF. (G)		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: 583'0" Above Flood Level: Yes: X No:						

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7-1 B. FSAR TABLE 5.2.1 AND FIGURES 5.2.15 & 5.2.16 C. FSAR SECTION 6.2.4.2.2 D. CONTAINMENT SPRAY IS MANUAL AND IS NOT EXPECTED TO OCCUR WITHIN 10 MINUTES, THEREFORE, NO QUALIFICATION IS REQUIRED. E. BECHTEL RADIATION STUDY	1. THIS SWITCH WAS INACCESSIBLE FOR INSPECTION. THE MANUFACTURER AND MODEL NUMBER WILL BE ESTABLISHED DURING THE NEXT OUTAGE PERMITTING ENTRY TO THE DRYWELL. IF THE COMPONENT IS NOT QUALIFIED A REPLACEMENT PART WITH QUALIFICATION DATA WILL BE PURCHASED AND INSTALLED DURING THE FIRST OUTAGE AFTER RECEIVED ON SITE.

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EQUIPMENT QUALIFICATION REPORT

Owner COMMONWEALTH EDISON
Facility QUAD CITIES
Unit 1
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DOCUMENTATION REFERENCES (cont.)

F. NEDO 24217 TABLE 4.3
G. BY OPERATING EXPERIENCE

NOTES (cont.)

Component Sheet No: 390
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR RECIRCULATION Plant I.D. Number: POS-1-220-45 Component: POSITION SWITCH Manufacturer: NAMCO SNAP-LOCK Model Number: MARK II D 1200G Purchase Order Number: 3620-131 SPEC R-2395 Function/Service: POSITION SWITCH FOR RECIRCULATION LOOP SAMPLING VALVE Accuracy Spec: NA Demo: NA Location: NEAR PEN X-41 RWCU ROOM Elevation: 623' 0"	Operating Time	5 SECONDS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	104	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. TECH SPEC TABLE 3.7-1 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

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 Revision 2
 Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: PROCESS RADIATION MONITORING Plant I.D. Number: RE-1-1735A&B Component: RADIATION ELEMENT GM TUBE Manufacturer: GENERAL ELECTRIC Model Number: DWG 194X927GI Purchase Order Number:	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)		NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA		
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA		
Accuracy: Spec: Demo: Location: Elevation: SEE ATTACHED SHEETS							
Flood Level Elevation: Above Flood Level Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: PROCESS RADIATION MONITORING	Operating Time	10 MINUTES
Plant I.D. Number: RE-1-1735A Component: RADIATION ELEMENT GM TUBE Manufacturer: GENERAL ELECTRIC	Temperature (°F)	120
Model Number: DWG 194X927GI	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: REACTOR BUILDING VENTILATION RADIATION MONITOR	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 EO4
Location: ABOVE TURBINE FLOOR COLUMNS G AND 13 Elevation 639'0"	Aging	NOT REQD.
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-1-1735B Component: RADIATION ELEMENT GM TUBE Manufacturer: GENERAL ELECTRIC	Temperature (°F)	120
Model Number: DWG 194X927GI	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: REACTOR BUILDING VENTILATION RADIATION MONITOR	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 EO4
Location: ABOVE TURBINE FLOOR COLUMNS G AND 13 Elevation 639'0"	Aging	NOT REQD.
Flood Level: Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR BUILDING VENTILATION	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
Component: SOLENOID VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: VERSA//BARKSDALE	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: VPS2402/VGS4422// D1H-A150SS	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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 TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH DISON
 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BUILDING VENTILATION	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-5742A Component: SOLENOID VALVE	Temperature (°F)	120
Manufacturer: VERSA//BARKSDALE	Pressure (PSIA)	14.7
Model Number: VPS2402/VGS4422// D1H-A150SS Purchase Order Number:	Relative Humidity (%)	100
Function/Service: REACTOR BUILDING VENTILATION OUTLET ISOLATION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location: BETWEEN COL. 11 & 12 BETWEEN COL. G & H Elevation 678' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BUILDING VENTILATION	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-5742B Component: SOLENOID VALVE	Temperature (°F)	120
Manufacturer: VERSA//BARKSDALE	Pressure (PSIA)	14.7
Model Number: VPS2402/VGS4422// D1H-A150SS Purchase Order Number:	Relative Humidity (%)	100
Function/Service: REACTOR BUILDING VENTILATION OUTLET ISOLATION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location: BETWEEN COL. 11 & 12 BETWEEN COL. G & H Elevation 678' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No:	Submergence	NA

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BUILDING VENTILATION	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-5741A Component: SOLENOID VALVE	Temperature (°F)	120
Manufacturer: VERSA//BARKSDALE	Pressure (PSIA)	14.7
Model Number: VPS2402/VGS4422// D1H-A150SS Purchase Order Number:	Relative Humidity (%)	100
Function/Service: REACTOR BUILDING VENTILATION SUPPLY AIR ISOLATION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location: BETWEEN COL. 11 & 12 BETWEEN COL. G & H Elevation: 678' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No	Submergence	NA

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR BUILDING VENTILATION	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-5741B Component: SOLENOID VALVE	Temperature (°F)	120
Manufacturer: VERSA//BARKSDALE	Pressure (PSIA)	14.7
Model Number: VPS2402/VGS4422// D1H-A150SS Purchase Order Number:	Relative Humidity (%)	100
Function/Service: REACTOR BUILDING VENTILATION SUPPLY AIR ISOLATION	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location: BETWEEN COL. 11 & 12 BETWEEN COL. G & H Elevation: 678' 0"	Aging	NOT REQD.
Flood Level Elevation: NA Above Flood Level: Yes: No	Submergence	NA

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No. 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: CONTROL ROOM HVAC	Operating Time	CONTINUOUS	NOT RECD.	NA	REF. (A)	
Plant I.D. Number: 1/2-5795-10	Temperature (°F)	80	NOT RECD.	REF. (B)	REF. (A)	
Component: SUPPLY AIR FAN	Pressure (PSIA)	14.7	NOT RECD.	REF. (B)	REF. (A)	
Manufacturer: TRANE CO.	Relative Humidity (%)	100	NOT RECD.	REF. (B)	REF. (A)	
Model Number: SO. # KALF575A	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number: 3620-198	Radiation (Rad)	<1.0 E04	NOT RECD.	REF. (C)	REF. (A)	
Function/Service: CONTROL ROOM COOLING	Aging	NOT RECD.	NOT RECD.	REF. (D)	REF. (D)	
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	
Location: CONTROL ROOM HVAC EQUIPMENT ROOM Elevation: 623' 0"	Flood Level					
	Elevation: NA					
	Above Flood Level					
	Yes: No:					

DOCUMENTATION REFERENCES

- A. REPORT SECTION 4.4
- B. FSAR SECTION 10.10
- C. BECHTEL RADIATION STUDY
- D. REPORT SECTION 4.3.6

NOTES

Component Sheet No: 397
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM HVAC Plant I.D. Number: 1/2-5795-30 Component: RETURN AIR FAN Manufacturer: JOY MFG. Model Number: 38-21-1750 Purchase Order Number: Function/Service: CONTROL ROOM COOLING AIR FLOW Accuracy: Spec: NA Demo: Location: CONTROL ROOM HVAC EQUIPMENT ROOM Elevation: 623' 0"	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 EC4	NOT REQD.	REF. (C)	REF. (A)		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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 Revision 2
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EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		QUALIFIC. IN METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR		
System: CONTROL ROOM HVAC	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)	
Plant I.D. Number 1/2-9472-23	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)	
Component DAMPER	Pressure (PSIA)	14.7	NOT REQD.	REF. (3)	REF. (A)	
Manufacturer:	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)	
Model Number:	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)	
Function/Service: CONTROL ROOM COOLING ISOLATION	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)	
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	
Location: CONTROL ROOM HVAC EQUIPMENT ROOM Elevation: 623' 0"						
Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES

- A. REPORT SECTION 4.4
- B. FSAR SECTION 10.10
- C. BECHTEL RADIATION STUDY
- D. REPORT SECTION 4.3.6

NOTES

Component Sheet No. 399
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No. 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTAND'G ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM HVAC	Operation Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number 1/2-9472-24 Component DAMPER	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer:	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Model Number:	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: CONTROL ROOM COOLING ISOLATION	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Location: CONTROL ROOM HVAC EQUIPMENT ROOM Elevation: 623' 0"	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Component Sheet No: 400
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD ITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM HVAC	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number 1/2-5772-57 Component: DAMPER	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer:	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Model Number:	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: CONTROL ROOM COOLING ISOLATION	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Accuracy: Spec: NA Memo: NA	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Location: CONTROL ROOM HVAC EQUIPMENT ROOM Elevation: 623' 0"	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes No							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Component Sheet No. 401
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM HVAC	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 1/2-C-5732 Component: WATER CHILLERS	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: TRANE CO.	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 3E5H80	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: CONTROL ROOM COOLING	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Location: CONTROL ROOM HVAC EQUIPMENT ROOM Elevation: 623' 0"	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No							

DOCUMENTATION REFERENCES	NOTES
A. REPOFF SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM HVAC	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number:	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Component: CHILLED WATER PUMPS	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: INGERSOLL-RAND	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 0469-4154	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: CONTROL ROOM COOLING	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: CONTROL ROOM HVAC EQUIPMENT ROOM	Flood Level						
Elevation: 623' 0"	Elevation: NA						
	Above Flood Level						
	Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Component Sheet No: 403
 Revision 2
 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 110-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: CONTROL ROOM HVAC	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 50-1/2-9441-003	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Component: SOLENOID VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer:	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: SOLENOID VALVE FOR DAMPER	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: CONTROL ROOM HVAC EQUIPMENT ROOM	Flood Level Elevation: NA Above Flood Level Yes: No.						
Elevation: 623' 0"							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Component Sheet No: 404
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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: 2251-37 AND 2251-45 Component: DIESEL AUX CONTROL PANEL Manufacturer: IDEAL ELECTRIC & MANUFACTURING Model Number: 50. # 267777 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	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPO. SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

Component Sheet No. 405
Revision 2
Date 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER. FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTIVE FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 2251-37 Component: DIESEL AUX CONTROL PANEL Manufacturer: IDEAL ELECTRIC & MANUFACTURING Model Number: SO. # 267777 Purchase Order Number:	Temperature (°F)	120
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
Function/Service: D/G PROTECTIVE RELAYS & LOCAL CONTROL	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1	Submergence	NA
Elevation: 595'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 2251-45 Component: DIESEL AUX CONTROL PANEL Manufacturer: IDEAL ELECTRIC & MANUFACTURING Model Number: SO. # 267777 Purchase Order Number:	Temperature (°F)	104
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
Function/Service: D/G PROTECTIVE RELAYS & LOCAL CONTROL	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1/2	Submergence	NA
Elevation: 595'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Component Sheet No: 407
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 2251-12 AND 2251-46 Component: EXCITATION CABINET FOR D/G Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number: 9474 Purchase Order Number: Function/Service: SEE ATTACHED SHEETS Accuracy: Spec. Demo: Location: SEE ATTACHED SHEETS Elevation: SEE ATTACHED SHEETS	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: Above Flood Level: Yes: No						

DOCUMENTATION REFERENCES	NOTES
A. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER. FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTIVE FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 2251-12 Component: EXCITATION CABINET FOR D/G Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number: 9474 Purchase Order Number:	Temperature (°F)	120
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
Function/Service: EXCITATION & VOLTAGE REGULATION	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location DIESEL ROOM 1	Submergence	NA
Elevation 595'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 2251-46 Component: EXCITATION CABINET FOR D/G Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number: 9474 Purchase Order Number:	Temperature (°F)	104
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
	Chemical Spray	NA
Function/Service: EXCITATION & VOLTAGE REGULATION	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location DIESEL ROOM 1/2	Submergence	NA
Elevation 595'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: 181/2-6601 Component: STANDBY DIESEL GENERATOR Manufacturer: ELECTROMOTIVE DIVISION OF GM 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:	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER. FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTIVE FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 1-6601 Component: STANDBY DIESEL GENERATOR Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number:	Temperature (°F)	120
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PROVIDES AC POWER DURING LOSS OF OFFSITE POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1	Submergence	NA
Elevation: 595' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 1/2-6601 Component: STANDBY DIESEL GENERATOR Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number:	Temperature (°F)	104
	Pressure (PSIA)	14.7
	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PROVIDES AC POWER DURING LOSS OR OFFSITE POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: DIESEL ROOM 1/2	Submergence	NA
Elevation: 595' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Component: 4.16 KV SWITCHGEAR	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GENERAL ELECTRIC MAGNEBLAST BREAKER	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: TYPE AMH 4.76-250	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: SWGR 13-1 Component: 4.16 KV SWITCHGEAR	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC MAGNEBLAST BREAKER	Pressure (PSIA)	14.7
Model Number: TYPE AMH 4.76-250 Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 148H	Submergence	NA
Elevation: 654'-0"		
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 14-1 Component: 4.16 KV SWITCHGEAR	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC MAGNEBLAST BREAKER	Pressure (PSIA)	14.7
Model Number: TYPE AMH 4.76-250 Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 168K	Submergence	NA
Elevation: 654'-0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
Component: 480 V SWITCHGEAR	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GENEAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: TYPE AKD-5	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: SWGR 18 Component: 480 V SWITCHGEAR	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: TYPE AKD-5	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 14 & J	Submergence	NA
Elevation: 647' 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: SWGR 19 Component: 480 V SWITCHGEAR	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: TYPE AKD-5	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 14 & J	Submergence	NA
Elevation: 647' 6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Component Sheet No: 417
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number SEE ATTACHED SHEETS	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Component: 480 V MCC	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 7700	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 18-2 Component: 480 V MCC	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 22 & G	Submergence	NA
Elevation: 615'-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: MCC 19-2 Component: 480 V MCC	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 23 & G	Submergence	NA
Elevation: 615'-6"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

G-0858-03

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 19-4 Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169 G/C	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	2.9 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 18 & N	Submergence	NA
Elevation: 623'-0"		
Flood Level: Elevation: NA Above Flood Level: Yes No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System:	Operating Time	
Plant I.D. Number: Component:	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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 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Code		
System: STANDBY AC POWER Plant I.D. Number: SEE ATTACHED SHEETS Component: 120V AC REACTOR PROTECTION BUS Manufacturer: GENERAL ELECTRIC Model Number: TYPE NAB STYLE 2A, PLANT H 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	REF. (A)		
	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. ESCHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: FOUR CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: RPS BUS 1A Component: 120V AC REACTOR PROTECTION BUS Manufacturer: GENERAL ELECTRIC	Temperature (°F)	80
	Pressure (PSIA)	14.7
Model Number: TYPE NAB STYLE 2A, PLANT H Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: ELECTRICAL EQUIPMENT ROOM Elevation: 595' 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: RPS BUS 1B Component: 120V AC REACTOR PROTECTION BUS Manufacturer: GENERAL ELECTRIC	Temperature (°F)	80
	Pressure (PSIA)	14.7
Model Number: TYPE NAB STYLE 2A, PLANT H Purchase Order Number:	Relative Humidity (%)	100
Function/Service: POWER DISTRIBUTION	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: ELECTRICAL EQUIPMENT ROOM Elevation: 595' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Component Sheet No: 422
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: INSTRUMENT BUS	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Component: 120/240 V AC INSTRUMENT BUS	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: CUTLER HAMMER	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 6CF655505	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: POWER DISTRIBUTION	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: ELECTRICAL EQUIPMENT ROOM	Flood Level Elevation: NA Above Flood Level: Yes: No:						
Elevation: 595'0"							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: OLD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: ESSENTIAL SERVICE BUS	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Component: 120/240V AC ESSENTIAL SERVICE BUS	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: CUTLER HAMMER	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 6CF655505	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: POWER DISTRIBUTION	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: ELECTRICAL EQUIPMENT ROOM	Flood Level						
Elevation: 595'0"	Elevation: NA						
	Above Flood Level:						
	Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: ESSENTIAL BUS MMG SET	Temperature (°F)	80	NOT REQD.	REF. (B)	REF. (A)		
Component: 120/240 V AC ESSENTIAL BUS MMG SET	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 5LS440-122Y 30	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (R/hr)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: PROVIDES UNINTERRUPTIBLE POWER FOR CONTROLS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: ELECTRICAL EQUIPMENT ROOM							
Elevation: 595'0"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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: NONE & 2212-32X Component: ENGINE CONTROL PANEL Manufacturer: ELECTROMOTIVE DIVISION OF GM 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	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

Component Sheet No. 426
Revision 2
Date: 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER, FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTIVE FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: NONE Component: ENGINE CONTROL PANEL	Temperature (°F)	120
Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number:	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: DG 1 ENGINE CONTROL	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 1	Aging	NOT REQD.
Elevation 595'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: 2212-32X Component: ENGINE CONTROL PANEL	Temperature (°F)	104
Manufacturer: ELECTROMOTIVE DIVISION OF GM Model Number:	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: DG 1/2 ENGINE CONTROL	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 1/2	Aging	NOT REQD.
Elevation 595'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

Component Sheet No. 428
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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: NONE Component: 4 KV NONSEGREGATED BUS Manufacturer: Model Number: Purchase Order Number: Function/Service: POWER DISTRIBUTION Accuracy: Spec. Demo. Location: TURBINE BUILDING NEAR DG ROOMS Elevation: 595'0"	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (C)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER. FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTIVE FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number NONE	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
Component: D/G SECONDARY CONTROL PANEL	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: IDEAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: S.O. # 26777	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

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Date: 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER, FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTIVE FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: NONE Component: D/G SECONDARY CONTROL PANEL Manufacturer: IDEAL ELECTRIC	Temperature (°F)	120
Model Number: S.O. # 267777	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: D/G 1 CONTROL	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 1	Aging	NOT REQD.
Elevation 595'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: NONE Component: D/G SECONDARY CONTROL PANEL Manufacturer: IDEAL ELECTRIC	Temperature (°F)	104
Model Number: S.O. # 267777	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: D/G 1/2 CONTROL	Chemical Spray	NA
Accuracy: Spec: Demo:	Radiation (Rad)	<1.0 E04
Location DIESEL ROOM 1/2	Aging	NOT REQD.
Elevation 595'0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY AC POWER	Operating Time	30 DAYS	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: NONE	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
Component: D/G NEUTRAL GROUNDING PANEL	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
Model Number: 20B419-68P #KVA-5	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
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. THIS COMPONENT IS REQUIRED FOR THE DURATION OF A LOSS OF OFFSITE POWER EVENT. IT IS ASSUMED OFF-SITE POWER CAN BE RESTORED WITHIN 30 DAYS. B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 AND SPECIAL REPORT NO. 12, REV 1, FEB 1975. QUALIFICATION FOR THE ENVIRONMENT DUE TO A FEEDWATER LINE BREAK IS NOT REQUIRED	

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>SINCE THREE DIESELS ARE AVAILABLE TO PROVIDE EMERGENCY AC POWER. FSAR SECTION 8.2.3.1 DESCRIBES THE SYSTEM ARRANGEMENT FOR THE STANDBY AC POWER SYSTEM. AS A MINIMUM ONE DIESEL GENERATOR CAN BE MADE AVAILABLE TO PROVIDE EMERGENCY POWER TO THE AFFECTED UNIT ASSUMING THE HELB CAUSES FAILURE OF THE ADJACENT DIESEL AND A SINGLE ACTION FAILURE OF A SECOND DIESEL UNIT.</p> <p>D. BECHTEL RADIATION STUDY E. REPORT SECTION 4.3.6</p>	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	30 DAYS
Plant I.D. Number: NONE Component: D/G NEUTRAL GROUNDING PANEL Manufacturer: GENERAL ELECTRIC	Temperature (°F)	120
Model Number: 208419-68P #KVA-5 Purchase Order Number:	Pressure (PSIA)	14.7
Function/Service: NEUTRAL GROUNDING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: DIESEL ROOM UNIT 1	Radiation (Rad)	<1.0 E04
Elevation: 595'0"	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	30 DAYS
Plant I.D. Number: NONE Component: D/G NEUTRAL GROUNDING PANEL Manufacturer: GENERAL ELECTRIC	Temperature (°F)	104
Model Number: 208419-68P #KVA-5 Purchase Order Number:	Pressure (PSIA)	14.7
Function/Service: NEUTRAL GROUNDING	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: DIESEL ROOM UNIT 1/2	Radiation (Rad)	<1.0 E04
Elevation: 595'0"	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 AC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
Component: 480 V MCC	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GENERAL ELECTRIC	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: 7700	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: SEE ATTACHED SHEETS	Radiation (Rad)	7.3 E05		REF. (C)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT IS SUBJECTED TO HARSH RADIATION ONLY, AND WILL BE RELOCATED AND/OR SHIELDED TO REDUCE THE RADIATION EXPOSURE TO A NON-HARSH LEVEL. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS:

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>A. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD THEREFORE BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS.</p> <p>B. DOSE TO THIS EQUIPMENT IS CAUSED BY ONLY ONE LOOP OF A REDUNDANT PIPING SYSTEM. OPERATOR ACTION TAKEN TO SHUT DOWN REDUNDANT SYSTEMS WILL FURTHER REDUCE EXPOSURE TO THIS EQUIPMENT.</p>

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 18-1A Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169 G/C	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	1.2 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMN 17 & N	Submergence	NA
Elevation: 623' -0"		
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 18-1B Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169 G/C	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	9.9 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMN 17 & N	Submergence	NA
Elevation: 623' -0"		
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 18-3 Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	6.1 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMN 15 & N	Submergence	NA
Elevation: 623'-0"		
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 18/19-5 Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169-5	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	7.3 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 18 & M	Submergence	NA
Elevation: 595'-0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY AC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 19-1 Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169 G/C	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	6.8 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 18 & N	Submergence	NA
Elevation: 623' -0"		
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 19-3 Component: 480 V MCC	Temperature (°F)	120
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	2.6 E05
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NEAR COLUMNS 13 & G	Submergence	NA
Elevation: 611' -6"		
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 19-6 Component: 480 V MCC	Temperature (°F)	104
Manufacturer: GENERAL ELECTRIC	Pressure (PSIA)	14.7
Model Number: 7700	Relative Humidity (%)	100
Purchase Order Number: 62169 G/C	Chemical Spray	NA
Function/Service: POWER DISTRIBUTION	Radiation (Rad)	6.8 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NEAR COLUMNS 18 & K	Submergence	NA
Elevation: 623'-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		OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.	
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)	
Plant I.D. Number 250 V BATT CHRG #1	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)	
Component: 250 V BATTERY CHARGER	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)	
Manufacturer: GOULD	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)	
Model Number: GRF240T100X	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)	
Function/Service: CHARGE 250 V BATTERY AND PROVIDE DC POWER	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)	
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	
Location: BATTERY CHARGER ROOM						
Elevation: 6'15" 6"						
Flood Level Elevation: NA Flood Level: Yes: No:						

DOCUMENTATION REFERENCES

- A. REPORT SECTION 4.4
- B. FSAR SECTION 10.10
- 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		
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REOD.	NA	REF. (A)	
Plant I.D. Number: 250 V BATT CHRG 1/2	Temperature (°F)	120	NOT REOD.	REF. (B)	REF. (A)	
Component: 250 V BATTERY CHARGER	Pressure (PSIA)	14.7	NOT REOD.	REF. (B)	REF. (A)	
Manufacturer: GOULD	Relative Humidity (%)	100	NOT REOD.	REF. (B)	REF. (A)	
Model Number: GRF240T100X	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REOD.	REF. (C)	REF. (A)	
Function/Service: CHARGE 250V BATTERY AND PROVIDE DC POWER	Aging	NOT REJD.	NOT REOD.	REF. (D)	REF. (D)	
Accuracy Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	
Location: BATTERY CHARGER ROOM Elevation: 615' 6"						
Flood Level Elevation: NA Above Flood Level: Yes: No:						

DOCUMENTATION REFERENCES

NOTES

- A. REPORT SECTION 4.4
- B. FSAR SECTION 10.10
- 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: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD. (6 HOURS)	NA	REF. (A)	SIMULTANEOUS TEST	
Plant I.D. Number: MCC 1 (TURB BLDG) Component: 250 V DC TURBINE BUILDING MCC Manufacturer: CUTLER HAMMER Model Number: 6002H347B Purchase Order Number: Function/Service: DISTRIBUTE DC POWER Accuracy Spec: NA Demo: NA Location: BATTERY CHARGER ROOM Elevation: 615' 6" Flood Level Elevation: NA Above Flood Level: Yes: No	Temperature (°F)	120	NOT REQD. (240)	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (C)		
	Relative Humidity (%)	100	NOT REQD. (100)	REF. (B)	REF. (A)	SIMULTANEOUS TEST	
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (D)	REF. (C)		
	Aging	NOT REQD.	NOT REQD.	REF. (E)	REF. (E)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT NO. F-C3781-2 FRANKLIN INSTITUTE RESEARCH LABORATORIES TESTING OF CLASS 1E DC MOTOR CONTROL CENTER UNDER EXPOSURE TO HIGH TEMPERATURE-HUMIDITY ENVIRONMENT AND PRESSURE PULSE. B. FSAR SECTION 10.10 C. REPORT SECTION 4.4 D. BECHTEL RADIATION STUDY	

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E. REPORT SECTION 4.3.6

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: MCC 1A&1B Component: 250 V DC REACTOR BUILDING MCC Manufacturer: CUTLER HAMMER Model Number: 6002H347B 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	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	1.9 E04	NOT REQD.	REF. (C)	REF. (A)		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: MCC 1A Component: 250 V DC REACTOR BUILDING MCC Manufacturer: CUTLER HAMMER	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: 6002H347B	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: DISTRIBUTE DC POWER	Radiation (Rad)	1.9 EO4
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BETWEEN COLUMNS 18&19 BETWEEN COLUMNS L&M Elevation 623' 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: MCC 1B Component: 250 V DC REACTOR BUILDING MCC Manufacturer: CUTLER HAMMER	Temperature (°F)	104
	Pressure (PSIA)	14.7
Model Number: 6002H347B	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: DISTRIBUTE DC POWER	Radiation (Rad)	1.7 EO4
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BETWEEN COLUMNS L&M BETWEEN COLUMNS 18&19 Elevation 623' 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 DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 250 V BATTERY	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Component: 250 V DC BATTERY	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GOULD	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: FPS-25	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: STORE AND SUPPLY DC POWER	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: BATTERY CHARGER ROOM							
Elevation: 615' 6"							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 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: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 125 V BATT CHR 1 Component: 125 V BATTERY CHARGER	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GOULD	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Model Number: GRF120T100X	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: CHARGE 125V BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Accuracy Spec: NA Demo: NA	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Location: BATTERY CHARGER ROOM Elevation: 615' 6"	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 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: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 125 V BATT CHRG 1A	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Component: 125 V BATTERY CHARGER	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GOULD	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number: GRF 120T 100X	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: CHARGE 125 V BATTERY AND PROVIDE DC POWER	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: BATTERY CHARGER ROOM	Flood Level						
Elevation: 615' 6"	Elevation: NA						
	Above Flood Level:						
	Yes: No:						

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)
Plant I.D. Number: 125 V BATTERY	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)
Component: 125 V DC BATTERY	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)
Manufacturer: GOULD	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)
Model Number: FPR-13	Chemical Spray	NA	NA	NA	NA
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)
Function/Service: STORE AND SUPPLY DC POWER	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA
Location: BATTERY CHARGER ROOM					
Elevation: 615' 6"					
Flood Level Elevation: NA Above Flood Level: Yes No					

DOCUMENTATION REFERENCES

- A. REPORT SECTION 4.4
- B. FSAR SECTION 10.10
- C. BECHILL RADIATION STUDY
- D. REPORT SECTION 4.3.6

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Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 125 V DCDP 1A	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Component: 125 V DC TURB BLDG DISTRIBUTION PANEL	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: CUTLER HAMMER	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Function/Service: DISTRIBUTE DC POWER	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: BATTERY CHARGER ROOM							
Elevation: 615' 6"							
Flood Level Elevation: NA Above Flood Level: Yes: No.							

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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 Facility: QUAD CITIES
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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: 125 V DCDP 1B Component: 125 V DC TURB BLDG DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER Model Number: Purchase Order Number: Function/Service: DISTRIBUTE DC POWER Accuracy: Spec: NA Demo: NA Location: BATTERY CHARGER ROOM Elevation: 615' 6"	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No						

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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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: 125 V DCDP 1 Component: 125 V DC REACTOR BLDG DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER Model Number: Purchase Order Number: Function/Service: DISTRIBUTE DC POWER Accuracy: Spec: NA Demo: NA Location: 623'0" Elevation: EL623'-0" Flood Level Elevation: NA Above Flood Level: Yes: No:	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
	Temperature (°F)	104	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.3 E05		REF. (C)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA		NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	1. THIS EQUIPMENT IS SUBJECTED TO HARSH RADIATION ONLY, AND WILL BE RELOCATED AND/OR SHIELDED TO REDUCE THE RADIATION EXPOSURE TO A NON-HARSH LEVEL. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS-

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>A. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD THEREFORE BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS.</p> <p>B. DOSE TO THIS EQUIPMENT IS CAUSED BY ONLY ONE LOOP OF A REDUNDANT PIPING SYSTEM. OPERATOR ACTION TAKEN TO SHUT DOWN REDUNDANT SYSTEMS WILL FURTHER REDUCE EXPOSURE TO THIS EQUIPMENT.</p>

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant I.D. Number: 48/24 V BATTERY 1A,B Component: 48/24 V BATTERY	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
Manufacturer: GOULD	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
Model Number: DPR-9	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
Purchase Order Number:	Chemical Spray	NA	NA	NA	NA	NA	
Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
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. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 48/24 V BATTERY 1A Component: 48/24 V BATTERY	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: DPR-9	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: STORE AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BATTERY CHARGER ROOM Elevation 615' 6"	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: 48/24 V BATTERY 1B Component: 48/24 V BATTERY	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: DPR-9	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: STORE AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BATTERY CHARGER ROOM Elevation 623' 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: STANDBY DC POWER Plant I.I. Number: 24 V BATT CHRGR 1A Component: 24 V BATTERY CHARGER Manufacturer: GOULD Model Number: GRF24S25F30X 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	REF. (A)		
	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 24 V BATT CHRG 1A(+) Component: 24 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF24S25F30X	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CHARGE 48/24 BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BATTERY CHARGER ROOM Elevation: 615' 6"	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 1A(-) Component: 24 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF24S25F30X	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CHARGE 48/24 BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BATTERY CHARGER ROOM Elevation: 623' 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		
System: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)	
Plant I.D. Number: 24 V BATT CHR9 1B	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)	
Component: 24 V BATTERY CHARGER	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)	
Manufacturer: GOULD	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)	
Model Number: GRF24S25F30X	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number: Function/Service: SEE ATTACHED SHEETS	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)	
Accuracy: Spec: Demo:	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)	
Location: SEE ATTACHED SHEETS	Submergence	NA	NA	NA	NA	
Elevation: SEE ATTACHED SHEETS						
Flood Level						
Elevation Above Flood Level:						
Yes: No:						

DOCUMENTATION REFERENCES

- A. REPORT SECTION 4.4
- B. FSAR SECTION 10.10
- C. BECHTEL RADIATION STUDY
- D. REPORT SECTION 4.3.6

NOTES

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 24 V BATT CHRGR 1B(+) Component: 24 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF24S25F30X	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CHARGE 48/24 BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BATTERY CHARGER ROOM Elevation: 615' 6"	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 CHRGR 1B(-) Component: 24 V BATTERY CHARGER	Temperature (°F)	120
Manufacturer: GOULD	Pressure (PSIA)	14.7
Model Number: GRF24S25F30X	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: CHARGE 48/24 BATTERY AND PROVIDE DC POWER	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: BATTERY CHARGER ROOM Elevation: 623' 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: STANDBY DC POWER	Operating Time	CONTINUOUS	NOT REQD.	NA	REF. (A)		
Plant i.D. Number: 48/24 V DCDP 1A,B Component: 48/24 V DC DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER 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:	Temperature (°F)	120	NOT REQD.	REF. (B)	REF. (A)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (B)	REF. (A)		
	Relative Humidity (%)	100	NOT REQD.	REF. (B)	REF. (A)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (C)	REF. (A)		
	Aging	NOT REQD.	NOT REQD.	REF. (D)	REF. (D)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. REPORT SECTION 4.4 B. FSAR SECTION 10.10 C. BECHTEL RADIATION STUDY D. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: STANDBY DC POWER	Operating Time	CONTINUOUS
Plant I.D. Number: 48/24 V DCDP 1A Component: 48/24 V DC DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER	Temperature (°F)	120
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: DISTRIBUTE DC POWER	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 EO4
Location: BATTERY CHARGER ROOM Elevation: 615' 6"	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 DCDP 1B Component: 48/24 V DC DISTRIBUTION PANEL Manufacturer: CUTLER HAMMER	Temperature (°F)	120
Model Number:	Pressure (PSIA)	14.7
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: DISTRIBUTE DC POWER	Chemical Spray	NA
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	<1.0 EO4
Location: BATTERY CHARGER ROOM Elevation: 623' 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: REACTOR CORE ISOLATION COOLING Plant I.D. Number: MD-1-1301-16 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) AC MOTOR Model Number: SMB Purchase Order Number: 3620-125 SPEC R-2358 Function/Service: STEAM SUPPLY LINE INBOARD CONTAINMENT ISOLATION VALVE Accuracy: Spec: NA Demo: NA Location: INSIDE DRYWELL NEAR 0 AZIMUTH Elevation: 604' 11" Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:	Operating Time	10 MINUTES	24 HOURS	REF. (A)	REF. (B)		
	Temperature (°F)	NORMAL 150 LOCA 281	3	REF. (C)	REF. (B)		
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0	74.7	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	100	REF. (C)	REF. (B)		
	Chemical Spray	DEMIN WATER	NOT REQD. (BORIC ACID)	REF. (D)	REF. (B)		
	Radiation (Rad)	3.3 E05	2.0 E08	REF. (E)	REF. (F)		
	Aging	30 Y THERMAL AND 6.6 E06 RADS	155C FOR 100 HOURS	REF. (G)	REF. (F)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT NO. 338164-FC-2485-01, TESTS OF LIMITORQUE VALVE OPERATOR AND MOTOR BRAKE ASSEMBLY, BOTH WITH CLASS B INSULATION, UNDER SIMULATED CONTAINMENT POST-ACCIDENT STEAM AND CHEMICAL ENVIRONMENT. C. FSAR TABLE 5.2.1 AND	

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DOCUMENTATION REFERENCES (cont.)

- D. FSAR FIGURES 5.2.15 & 5.2.16
- D. FSAR SECTION 6.2.4.2.2
- E. BECHTEL RADIATION STUDY
- F. WCAP 7410-L. TEST ON LIMITORQUE VALVE MOTOR OPERATORS, SECTION 5.
- G. NEDO 24217. TABLE 4-3

NOTES (cont.)

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: MO-1-1301-17 Component: MOTOR OPERATED GATE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: SMB-CO Purchase Order Number: 3620-125 SPEC R-2358 Function/Service: STEAM SUPPLY LINE OUTBOARD CONTAINMENT ISOLATION VALVE Accuracy: Spec: NA Demo: NA Location: IN STEAM TUNNEL NEAR DRYWELL PENETRATION Elevation: 603'4"	Temperature (°F)	120	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (C)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (C)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	2.0 E04	NOT REQD.	REF. (D)	REF. (B)		
	Aging	30 Y THERMAL AN'` 1.4 E06 RADS	NONE	REF. (F)	REF. (F)		
	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT SECTION 4.4 C. FSAR SECTION 10.10 D. BECHTEL RADIATION STUDY E. NEDO 24217, TABLE 4-3 F. THIS COMPONENT UNDERGOES PERIODIC SURVEILLANCE TESTING WHICH WILL	

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DOCUMENTATION REFERENCES (cont.)

DETECT AGE RELATED DEGRADATION OR
FAILURE.

NOTES (cont.)

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EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
Plant I.D. Number: AO-1-1301-34,35	Temperature (°F)	114	NOT REQD.	REF. (C)	REF. (B)		
Component: SOLENOID VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (B)		
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (D)	REF. (B)		
Model Number: 830281F	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rad)	2.4 E04	NOT REQD.	REF. (E)	REF. (B)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (F)	REF. (F)		
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 TABLE 8.2.3 B. REPORT SECTION 4.4 C. FIELD MEASUREMENT D. FSAR TABLE 6.2.3.2 E. BECHTEL RADIATION STUDY F. REPORT SECTION 4.3.6	

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EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-1301-34 Component: SOLENOID VALVE	Temperature (°F)	114
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: 830281F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service: PILOT SOLENOID FOR VALVE AO-1-1301-34	Radiation (Rad)	2.4 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-1301-35 Component: SOLENOID VALVE	Temperature (°F)	114
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: 830281F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	N/A
Function/Service: PILOT SOLENOID FOR VALVE AO-1-1301-35	Radiation (Rad)	2.4 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

Component Sheet No: 470
Revision 2
Date 11-01-80

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES	NOT REQD. (6 HOURS)	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
Plant I.D. Number: DPIS-1-1360-1A&B	Temperature (°F)	114	NOT REQD. (212)	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Component: DIFFERENTIAL PRESSURE INDICATING SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (E)		
Manufacturer: BARTON	Relative Humidity (%)	100	NOT REQD. (100)	REF. (D)	REF. (B)	SIMULTANEOUS TEST	
Model Number: 288	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: GE A9184 158B7018P12	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (F)	REF. (E)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (G)	REF. (G)		
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 6.2.15 B. GE TEST REPORT NO DV-145C3009, QUALIFICATION DESIGN VERIFICATION FILE AND ITT BARTON REPORT NO. TP-194-4 C. FIELD MEASUREMENT D. FSAR SECTION 6.2.3.2 E. REPORT SECTION 4.4	

Component Sheet No. 471
Revision 2
Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

DOCUMENTATION REFERENCES (cont.)

F. BECHTEL RADIATION STUDY
G. REPORT SECTION 4.3.6

NOTES (cont.)

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-1360-1A Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	114
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number: GE A9184 158B7018P12 Function/Service: STEAM LINE BREAK DETECTION & ISOLATION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: RACK 2201-58 NW CORNER ROOM Elevation: 554'0"	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: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES
Plant I.D. Number: DPIS-1-1360-1B Component: DIFFERENTIAL PRESSURE INDICATING SWITCH Manufacturer: BARTON	Temperature (°F)	114
Model Number: 288	Pressure (PSIA)	14.7
Purchase Order Number: GE A9184 158B7018P12 Function/Service: STEAM LINE BREAK DETECTION & ISOLATION	Relative Humidity (%)	100
Accuracy: Spec: Demo:	Chemical Spray	NA
Location: RACK 2201-58 NW CORNER ROOM Elevation: 554'0"	Radiation (Rad)	<1.0 E04
	Aging	NOT REQD.
	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE	>1 MINUTE	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	200	202	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Component: TEMPERATURE SWITCH	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (E)		
Manufacturer: FENWAL	Relative Humidity (%)	100	DRY	REF. (D)	REF. (B)	SIMULTANEOUS TEST	
Model Number: 17002-40	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: GE 136BJ921P2	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (F)	REF. (E)		
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (G)	REF. (G)		
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. THIS TEMPERATURE SWITCH IS USED TO DETECT AN RCIC STEAM LINE BREAK. AS SOON AS A BREAK OCCURS, THIS SWITCH WILL FUNCTION ISOLATING THE RCIC STEAM LINE, BY DETECTING HIGH TEMPERATURE. THIS WOULD OCCUR IN LESS THAN ONE MINUTE. ONE MINUTE WAS CONSERVATIVELY ASSUMED. PERIODIC CALIBRATION IS SUFFICIENT TO DEMONSTRATE COMPONENT CAPABILITY TO FUNCTION UNDER	

Component Sheet No. 474
Revision 2
Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner COMMONWEALTH EDISON
Facility QUAD CITIES
Unit 1
Docket 50-254

DOCUMENTATION REFERENCES (cont.)

- B. GE TEST REPORT NO DV-145C3004, QUALIFICATION DESIGN VERIFICATION FILE.
- C. CALIBRATION PROCEDURE
- D. FSAR SECTION 6.2.3.2
- E. REPORT SECTION 4.4
- F. BECHTEL RADIATION STUDY
- G. REPORT SECTION 4.3.6

NOTES (cont.)

Component Sheet No. 475
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-14A Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-14B Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

G-0858-03

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-14C Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-14D Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-15A Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-15B Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

Component Sheet No. 478
 Revision 2
 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-15C Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 EQ4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360 15D Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 EQ4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

G-0858-03

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-16A Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ321P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-16B Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 EO4
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Component Spec. No. 480
 Revision 2
 Date: 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-16C Component: TEMPERATURE SWITCH	Temperature (*F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-16D Component: TEMPERATURE SWITCH	Temperature (*F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-17A Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-17B Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes: No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-17C Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: TS-1-1360-17D Component: TEMPERATURE SWITCH	Temperature (°F)	200
Manufacturer: FENWAL	Pressure (PSIA)	14.7
Model Number: 17002-40	Relative Humidity (%)	100
Purchase Order Number: GE 136BJ921P2	Chemical Spray	NA
Function/Service: HIGH TEMPERATURE (STEAM LEAK) DETECTION AND ISOLATION	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 558'0"		
Flood Level Elevation: NA Above Flood Level: Yes No:		

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No. 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)
Plant I.D. Number MO-1-1301-60	Temperature (°F)	114	NOT REQD.	REF. (C)	REF. (B)
Component MOTOR OPERATED GLOBE VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (B)
Manufacturer: LIMITORQUE (PEERLESS)	Relative Humidity (%)	100	NOT REQD.	REF. (D)	REF. (B)
DC MOTOR Model Number: SMB	Chemical Spray	NA	NA	NA	NA
Purchase Order Number: 3620-125 SPEC R-2358 Function/Service: TEST RETURN SHUTOFF VALVE	Radiation (Rad)	< 1.0 E04	NOT REQD.	REF. (E)	REF. (B)
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.	NOT REQD.	REF. (F)	REF. (F)
Location: NW CORNER ROOM	Submerge.	NA	NA	NA	NA
Elevation: 558' 0"					

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 8.2.3 B. REPORT SECTION 4.4 C. FIELD MEASUREMENT D. FSAR SECTION 6.2.3.2 E. BECHTEL RADIATION STUDY F. REPORT SECTION 4.3.6	

Component Sheet No. 484
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No. 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE	NOT REQD. (4 HOURS)	REF. (A)	REF. (B)	SIMULTANEOUS TEST	
Plant I.D. Number: PS-1-1360-9A,B,C,D Component: PRESSURE SWITCH	Temperature (°F)	114	NOT REQD. (150)	REF. (C)	REF. (B)	SIMULTANEOUS TEST	
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7	NOT REQD. (15.0)	REF. (D)	REF. (B)	SIMULTANEOUS TEST	
Model Number: B2T-A12SS	Relative Humidity (%)	100	NOT REQD. (90)	REF. (D)	REF. (B)	SIMULTANEOUS TEST	
Purchase Order Number: GE A8029 SPEC 209A4965P1 Function/Service: SEE ATTACHED SHEETS	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (E)	REF. (F)		
Accuracy: Spec. Demo.	Aging	NOT REQD.	NOT REQD.	REF. (G)	REF. (G)		
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
<p>A. THIS PRESSURE SWITCH USED TO DETECT AN RCIC STEAM LINE BREAK. AS SOON AS A BREAK OCCURS THIS SWITCH WILL FUNCTION ISOLATING THE RCIC STEAM LINE. THIS WOULD OCCUR IN LESS THAN ONE MINUTE.</p> <p>B. GE TEST REPORT NO DV-145C3010, QUALIFICATION DESIGN VERIFICATION FILE AND AETL REPORT NO 596-0398</p>	

Component Sheet No. 485
Revision: 2
Date: 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

DOCUMENTATION REFERENCES (cont.)

- C. FIELD MEASUREMENT
- D. FSAR SECTION 6.2.3.2
- E. BECHTEL RADIATION STUDY
- F. REPORT SECTION 4.4
- G. REPORT SECTION 4.3.6

NOTES (cont.)

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: PS-1-1360-9A Component: PRESSURE SWITCH	Temperature (°F)	114
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1 A8029 Function/Service: ISOLATE ON REACTOR LOW PRESSURE	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-58 NW CORNER ROOM Elevation: 554' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: PS-1-1360-9B Component: PRESSURE SWITCH	Temperature (°F)	114
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1 A8029 Function/Service: ISOLATE ON REACTOR LOW PRESSURE	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-58 NW CORNER ROOM Elevation: 554' 0"	Submergence	NA
Flood Level Elevation: NA Above Flood Level: Yes: No.		

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: PS-1-1360-9C Component: PRESSURE SWITCH	Temperature ("F)	114
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1 A8029 Function/Service: ISOLATE ON REACTOR LOW PRESSURE	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-58 NW CORNER ROOM Elevation: 554' 0"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	<1 MINUTE
Plant I.D. Number: PS-1-1360-9D Component: PRESSURE SWITCH	Temperature ("F)	114
Manufacturer: BARKSDALE	Pressure (PSIA)	14.7
Model Number: B2T-A12SS	Relative Humidity (%)	100
Purchase Order Number: GE 209A4965P1 A8029 Function/Service: ISOLATE ON REACTOR LOW PRESSURE	Chemical Spray	NA
	Radiation (Rad)	<1.0 E04
Accuracy: Spec: Demo:	Aging	NOT REQD.
Location: RACK 2201-58 NW CORNER ROOM Elevation: 554' 0"	Submergence	NA
Flood Level: Elevation: NA Above Flood Level: Yes: No:		

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
 Facility: CUAL CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT DESCRIPTION	ENVIRONMENT		DOCUMENTATION REFERENCES		OUTSTANDING ITEMS	
	Parameter	FSAR	Qualification	FSAR		Qual.
System: REACTOR CORE ISOLATION COOLING	Operating time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)	
Plant I.D. Number: AD-1-1301-12.13	Temperature	114	NOT REQD.	REF. (C)	REF. (B)	
Component: SOLENOID VALVE	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (B)	
Manufacturer: ASCO	Relative Humidity (%)	100	NOT REQD.	REF. (D)	REF. (B)	
Model Number: CAT# 830281F	Chemical Spray	NA	NA	NA	NA	
Purchase Order Number:	Radiation (Rrad)	<1.0 E04	NOT REQD.	REF. (E)	REF. (B)	
Function/Service: SEE ATTACHED SHEETS	Aging	NOT REQD.	NOT REQD.	REF. (F)	REF. (F)	
Accuracy: Spec Demo:	Submergence	NA	NA	NA	NA	
Location: SEE ATTACHED SHEETS						
Elevation: SEE ATTACHED SHEETS						
Flood Level Elevation: Above Flood Level: Yes: No						

DOCUMENTATION REFERENCES

- A. FSAR FIGURE 6.2.15
- B. REPORT SECTION 4.4
- C. FIELD MEASUREMENT
- D. FSAR SECTION 6.2.3.2
- E. BECHTEL RADIATION STUDY
- F. REPORT SECTION 4.3.6

NOTES

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-1301-12 Component: SOLENOID VALVE	Temperature (°F)	114
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT# 830281F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 565' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: REACTOR CORE ISOLATION COOLING	Operating Time	10 MINUTES
Plant I.D. Number: AO-1-1301-13 Component: SOLENOID VALVE	Temperature (°F)	114
Manufacturer: ASCO	Pressure (PSIA)	14.7
Model Number: CAT# 830281F	Relative Humidity (%)	100
Purchase Order Number:	Chemical Spray	NA
Function/Service:	Radiation (Rad)	<1.0 E04
Accuracy: Spec: NA Demo: NA	Aging	NOT REQD.
Location: NW CORNER ROOM	Submergence	NA
Elevation: 565' 0"		
Flood Level Elevation: NA Above Flood Level: Yes: No		

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: REACTOR CORE ISOLATION COOLING Plant I.D. Number: MD-1-1301-53 Component: MOTOR OPERATED GLOBE VALVE Manufacturer: LIMITORQUE (PEERLESS) DC MOTOR Model Number: Purchase Order Number: Function/Service: RCIC TEST RETURN TO CONDENSATE STORAGE Accuracy: Spec: NA Demo: NA Location: NW CORNER ROOM Elevation: 560' 0"	Operating Time	10 MINUTES	NOT REQD.	REF. (A)	REF. (B)		
	Temperature (°F)	114	NOT REQD.	REF. (C)	REF. (B)		
	Pressure (PSIA)	14.7	NOT REQD.	REF. (D)	REF. (B)		
	Relative Humidity (%)	100	NOT REQD.	REF. (D)	REF. (B)		
	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	<1.0 E04	NOT REQD.	REF. (E)	REF. (B)		
	Aging	NOT REQD.	NOT REQD.	REF. (F)	REF. (F)		
	Submergence	NA	NA	NA	NA	NA	
	Flood Level Elevation: NA Above Flood Level: Yes: No						

DOCUMENTATION REFERENCES	NOTES
A. FSAR FIGURE 6.2.15 B. REPORT SECTION 4.4 C. FIELD MEASUREMENT D. FSAR SECTION 6.2.3.2 E. BECHTEL RADIATION STUDY F. REPORT SECTION 4.3.6	

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: CABLE	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Component: BUTYL RBR INSU POLY... CHLORIDE JACKET	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Manufacturer: GENERAL ELECTRIC CABL	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: #205-HO113	Radiation (Rad)	3.9 E07		REF. (B)			SEE NOTE (1)
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: VARIOUS - OUTSIDE DRYWELL							
Elevation: VARIOUS							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECD CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO-24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

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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	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: CABLE	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Component: BUTYL RBR INSU POLYVN CHLORIDE JACKET	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Manufacturer: SIMPLEX	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: 3447-117	Radiation (Rad)	3.9 E07		REF. (B)			SEE NOTE (1)
Function/Service:	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
Accuracy: Spec: Location: Demo:	Subvergence	NA	NA	NA	NA	NA	
Elevation:							
Flood Level Elevation: Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

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Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO-24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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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	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number CABLE	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Component: ANHYDREX XX PLASTEX INSU & JACKET	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Manufacturer: SIMPLEX	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA		NA	
Purchase Order Number: SPEC-COM. ED EM-29116 SIMPLEX-XM	Radiation (Rad)	3.9 E07		REF. (B)			SEE NOTE (1)
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: VARIOUS - OUTSIDE DRYWELL							
Elevation: VARIOUS							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECD CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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DOCUMENTATION REFERENCES (cont.)

- B. BECHTEL RADIATION STUDY
- C. REPORT NEDO-24217, TABLE 4.3

NOTES (cont.)

- THE FOLLOWING REASONS-
- A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK. HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.
 - B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE. TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.

Component Sheet No: 497
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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: CABLE Component: POLYETH INSU POLYV CHLORIDE JACK Manufacturer: GENERAL ELECTRIC Model Number: Purchase Order Number: 205-HO113 Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER Accuracy: Spec: NA Demo: NA Location: INSIDE DRYWELL Elevation: VARIOUS-4 JVE 583'0" Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 281		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (B)			SEE NOTE (1)
	Radiation (Rad)	1.1 E08		REF. (C)			SEE NOTE (1)
	Aging	30 Y THERMAL AND 1.8 E07 RADS		REF. (D)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 5.2.1 AND FIGURES 5.2.15 AND 5.2.16 B. FSAR SECTION 6.2.4.2.2 C. BECHTEL RADIATION STUDY D. REPORT NO NEDO-24217, TABLE 4-3	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING. FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

Component Sheet No. 498
Revision: 2
Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

DOCUMENTATION REFERENCES (cont.)

NOTES (cont.)

THE FOLLOWING REASONS-

- A. THESE COMPONENTS OR SIMILAR ITEMS HAVE BEEN PARTIALLY TESTED FOR ENVIRONMENTAL CONDITIONS.
- B. THESE COMPONENTS REMAINED FUNCTIONAL DURING THE JUNE 5, 1970 DEPRESSURIZATION INCIDENT AT DRESDEN UNIT 2. THIS INCIDENT RESULTED IN HARSH ENVIRONMENTAL CONDITIONS.

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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: CABLE Component: CROSS LINK POLYETH INSU NEOPRN JACKET Manufacturer: GENERAL ELECTRIC Model Number: Purchase Order Number: 205-H0113 Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER Accuracy: Spec: NA Demo: NA Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS Flood Level Elevation: NA 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)	3.9 E07		REF. (B)			SEE NOTE (1)
	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO 24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODEL. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

Component Sheet No: 501
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: CABLE	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Component: RUBBER INSU. HYPALON JACKET	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Manufacturer: GENERAL ELECT. CABLE	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number:	Chemical Spray	NA	NA	NA	NA	NA	
Purchase Order Number: P.O.# 205-HO113	Radiation (Rad)	3.9 E07		REF. (B)			SEE NOTE (1)
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
Accuracy: Spec: NA Demo: NA	Submergence	NA	NA	NA	NA	NA	
Location: VARIOUS - OUTSIDE DRYWELL							
Elevation: VARIOUS							
Flood Level Elevation: NA Above Flood Level: Yes: No:							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

Owner COMMONWEALTH EDISON
Facility QUAD CITIES
Unit 1
Docket 50-254

EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO 24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

Owner: COMMONWEALTH EDISON
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Other		
System: GENERAL USE ELECTRICAL EQUIPMENT Plant I.D. Number: CABLE Component: RBR INSU POLYV CHLORIDE JACKET Manufacturer: SIMPLEX Model Number: Purchase Order Number: 3447-117 Function/Service: 600V CONTROL CABLE Accuracy: Spec: NA Demo: NA Location: INSIDE DRYWELL Elevation: VARIOUS-ABOVE 583'0" Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
	Temperature (°F)	NORMAL 150 LOCA 63.0		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (B)			SEE NOTE (1)
	Radiation (Rad)	1.1 E08		REF. (C)			SEE NOTE (1)
	Aging	30 Y THERMAL AND 1.8 E07 RADS		REF. (D)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 5.2.1 AND FIGURES 5.2.15 AND 5.2.16. THE CABLE WAS NOT ACCESSIBLE DURING THE INSPECTION AND IS CONSERVATIVELY ASSUMED TO BE INSIDE DRYWELL. IF QUALIFICATION DATA DEMONSTRATE THE REQUIREMENTS, NO FURTHER INSPECTION OR INVESTIGATION WILL BE MADE. B. FSAR SECTION 6.2.4.2.2	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)

C. BECHTEL RADIATION STUDY
D. REPORT NO NEDO-24217, TABLE 4-3

NOTES (cont.)

THE FOLLOWING REASONS -
A. THESE COMPONENTS OR SIMILAR ITEMS HAVE BEEN PARTIALLY TESTED FOR ENVIRONMENTAL CONDITIONS.
B. THESE COMPONENTS REMAINED FUNCTIONAL DURING THE JUNE 5, 1970 DEPRESSURIZATION INCIDENT AT DRESDEN UNIT 2. THIS INCIDENT RESULTED IN HARSH ENVIRONMENTAL CONDITIONS.

Component Sheet No: 505
Revision 2
Date 11-01-80

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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: CABLE Component: SWITCHBOARD-TYPE SIS #SI 57275 VULKENE Manufacturer: GENERAL ELECTRIC Model Number: Purchase Order Number: 205-HQ113 Function/Service: 600V CONTROL CABLE Accuracy: Spec: NA Demo: NA Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS Flood Level Elevation: NA 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)	3.9 E07		REF. (B)			SEE NOTE (1)
	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
	Submergence	NA	NA			NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO 24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

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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: 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: TRANSMIT ELECTRICAL SIGNALS/POWER Accuracy: Spec: NA Demo: NA Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS Flood Level Elevation: NA 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)	3.9 E07		REF. (B)			SEE NOTE (1)
	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECCO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO 24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
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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: CABLE Component: POLY NYLON INSU SHLD PLASTEX JACKET Manufacturer: SIMPLEX Model Number: Purchase Order Number: COM ED-B/M3447A EST 70261 SIMPLEX-XM2255 Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER Accuracy: Spec: NA Demo: NA Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS Flood Level Elevation: NA 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)	3.9 E07		REF. (B)			SEE NOTE (1)
	Aging	NOT REQD.	NOT REQD.	REF. (C)	REF. (C)		
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. THIS OUTSTANDING ITEM WILL BE RESOLVED PER METHOD(S) AND SCHEDULE OUTLINED IN SECTION 3.0 OF THIS REPORT.

Component Sheet No. 510
Revision 2
Date 11-01-80

EQUIPMENT QUALIFICATION REPORT

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DOCUMENTATION REFERENCES (cont.)

B. BECHTEL RADIATION STUDY
C. REPORT SECTION 4.3.6

NOTES (cont.)

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: 3447-117 ITEM#30 COM ED SPEC-EST-70261 Plant I.D. Number: CABLE Component: 3 TW WITH OVERALL SH Manufacturer: SIMPLEX Model Number: Purchase Order Number: P.O. 3447-117-ITEM#30 Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER Accuracy: Spec: NA Demo: NA Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS Flood Level Elevation: NA 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)	3.9 E07		REF. (B)			SEE NOTE (1)
	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECC CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

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Facility: QUAD CITIES
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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO 24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWJ ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

Component Sheet No: 513
 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: CABLE Component:	Temperature (°F)	242		REF. (A)			SEE NOTE (1)
Manufacturer: SIMPLEX	Pressure (PSIA)	27.0		REF. (A)			SEE NOTE (1)
Model Number:	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Purchase Order Number: 3447-117 ITEM#24 COM-ED EST-7026-1 Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	NA	NA	NA	NA	NA	
	Radiation (Rad)	3.9 E07		REF. (B)			SEE NOTE (1)
Accuracy: Spec: NA Demo: NA	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS	Submergence	NA	NA	NA	NA	NA	
Flood Level Elevation: NA Above Flood Level: Yes: No							

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECC CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

EQUIPMENT QUALIFICATION REPORT

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DOCUMENTATION REFERENCES (cont.)

- B. BECHTEL RADIATION STUDY
- C. REPORT NEDO 24217, TABLE 4.3

NOTES (cont.)

THE FOLLOWING REASONS-

- A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.
- B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.

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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: CABLE Component: MULTI PAIR WITH OVERALL SH CO-CON Manufacturer: GENERAL ELECTRIC Model Number: Purchase Order Number: 205-HO113 Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER Accuracy: Spec: NA Demo: NA Location: VARIOUS - OUTSIDE DRYWELL Elevation: VARIOUS Flood Level Elevation: NA 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)	3.9 E07		REF. (B)			SEE NOTE (1)
	Aging	1.4 E06 RADS		REF. (C)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. SPECIAL REPORT NO 12, REV 1, FEB 1975. INSPECTIONS HAVE NOT BEEN MADE TO DETERMINE EXACT LOCATION OF THIS CABLE, BUT CABLE AND WIRE DATA FROM CECO CONFIRMS CABLE LOCATED OUTSIDE DRYWELL ONLY. IF CABLE CAN BE QUALIFIED FOR WORST CASE OUTSIDE DRYWELL ENVIRONMENT NO FURTHER INSPECTIONS OR INVESTIGATIONS WILL BE MADE.	1. A CONTRACT WILL BE ISSUED FOR SERVICES TO QUALIFY THIS EQUIPMENT BY ANALYSIS AND/OR TESTING, FAILING WHICH THE APPROPRIATE EQUIPMENT OR PARTS THEREOF WILL BE REPLACED WITH QUALIFIED COMPONENTS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR

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EQUIPMENT QUALIFICATION REPORT

DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
<p>B. BECHTEL RADIATION STUDY C. REPORT NEDO 24217, TABLE 4.3</p>	<p>THE FOLLOWING REASONS-</p> <p>A. OF THE PLANT AREAS WHICH COULD EXPERIENCE HARSH PRESSURE, TEMPERATURE AND HUMIDITY ONLY THE STEAM TUNNEL, ISOLATION CONDENSER PIPE CHASE, TORUS COMPARTMENT (NEAR POSTULATED HPCI BREAK ONLY), AND RWCU ROOMS CONTAIN EQUIPMENT WHICH MUST FUNCTION IN ONE MINUTE OR LESS. ONCE EQUIPMENT FUNCTIONS ARE COMPLETED THERE WOULD BE NO FURTHER ACTIVE FUNCTION REQUIRED. IN ALL CASES EXCEPT THE TORUS COMPARTMENT, THE ONLY CABLES ENTERING THE POTENTIAL HARSH ENVIRONMENT AREA WOULD TERMINATE IN THAT AREA. IN THE CASE OF THE TORUS COMPARTMENT, OTHER CABLING COULD BE IN THE VICINITY OF THE HPCI LINE BREAK, HOWEVER, THE TORUS COMPARTMENT IS SO LARGE THAT THE HARSH ENVIRONMENT WOULD DISSIPATE ALMOST INSTANTLY WITH VALVE CLOSURE. RADIATION IS NOT CONCURRENT WITH OTHER HARSH CONDITIONS.</p> <p>B. RADIATION DOSES WERE CALCULATED USING CONSERVATIVE NON-MECHANISTIC MODELS. MECHANISTIC RELEASE MODELS WOULD RESULT IN RADIATION RELEASES WHICH OCCUR SEVERAL HOURS AFTER THE POSTULATED ACCIDENT. ACTUAL DOSES WOULD BE LESS THAN THOSE CALCULATED USING SUCH CONSERVATIVE ASSUMPTIONS. ADDITIONALLY, HARSH RADIATION IS NOT CONCURRENT WITH PRESSURE, TEMPERATURE AND HUMIDITY, THEREFORE, ALTHOUGH SOME MATERIAL DEGRADATION MAY OCCUR DUE TO RADIATION, STRESS FACTORS ARE NOT PRESENT TO ACCELERATE DAMAGE. FINALLY, MOST OF THE MATERIALS UTILIZED FOR THIS CABLE ARE CURRENTLY UTILIZED AND HAVE DEMONSTRATED THE ABILITY TO WITHSTAND THE RADIATION LEVELS FOR WHICH THEY MUST BE QUALIFIED.</p>

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 Revision 2
 Date 11-01-80

Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

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: SEE ATTACHED SHEETS Component: ELECTRICAL PENETRATION Manufacturer: GE-NEBS Model Number: Purchase Order Number: 640-1001 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	2 HOURS		REF. (A)			SEE NOTE (1)
	Temperature ("F)	320		REF. (A)			SEE NOTE (1)
	Pressure (PSIA)	125		REF. (A)			SEE NOTE (1)
	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
	Chemical Spray	DEMIN WATER		REF. (B)			SEE NOTE (1)
	Radiation (Rad)	1.1 E08		REF. (C)			SEE NOTE (1)
	Aging	30 Y THERMAL AND 1.8 E07 RADS		REF. (D)			SEE NOTE (1)
	Submergence	NA	NA	NA	NA	NA	

DOCUMENTATION REFERENCES	NOTES
A. FSAR TABLE 5.2.2 B. FSAR SECTION 6.2.4.2.2 C. BECHTEL RADIATION STUDY D. REPORT NO 24217, TABLE 4-3	1. ADDITIONAL VENDOR INFORMATION IS BEING SOUGHT TO RESOLVE OUTSTANDING ENVIRONMENTAL QUALIFICATION ITEMS. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS- A. THESE COMPONENTS OR SIMILAR ITEMS HAVE

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EQUIPMENT QUALIFICATION REPORT

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DOCUMENTATION REFERENCES (cont.)	NOTES (cont.)
	<p>BEEN PARTIALLY TESTED FOR ENVIRONMENTAL CONDITIONS.</p> <p>B. THESE COMPONENTS REMAINED FUNCTIONAL DURING THE JUNE 5, 1970 DEPRESSURIZATION INCIDENT AT DRESDEN UNIT 2. THIS INCIDENT RESULTED IN HARSH ENVIRONMENTAL CONDITIONS.</p>

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Facility: QUAD CITIES
Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	2 HOURS
Plant I.D. Number: X101D Component: ELECTRICAL PENETRATION Manufacturer: GE-NEBS	Temperature (°F)	320
Model Number:	Pressure (PSIA)	125
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location: DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation: 605' 0"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	2 HOURS
Plant I.D. Number: X104A Component: ELECTRICAL PENETRATION Manufacturer: GE-NEBS	Temperature (°F)	320
Model Number:	Pressure (PSIA)	125
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location: DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation: 605' 0"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes X No:		

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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	2 HOURS
Plant I.D. Number: X100C Component: ELECTRICAL PENETRATION Manufacturer: GE-NEBS	Temperature (°F)	320
Model Number:	Pressure (PSIA)	125
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation 605' 6"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	2 HOURS
Plant I.D. Number: X100F Component: ELECTRICAL PENETRATION Manufacturer: GE-NEBS	Temperature (°F)	320
Model Number:	Pressure (PSIA)	125
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation 605' 6"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>		

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT			DOCUMENTATION REFERENCES		QUALIFICATION METHOD	OUTSTANDING ITEMS
	Parameter	FSAR	Qualification	FSAR	Qual.		
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS		NA			SEE NOTE (1)
Plant I.D. Number: SEE ATTACHED SHEETS	Temperature (°F)	NORMAL 150 LOCA 281		REF. (A)			SEE NOTE (1)
Component: TERMINAL BLOCKS (TYPICAL 2 UNITS)	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0		REF. (A)			SEE NOTE (1)
Manufacturer: ALLEN BRADLEY	Relative Humidity (%)	100		REF. (A)			SEE NOTE (1)
Model Number:	Chemical Spray	DEMIN WATER		REF. (B)			SEE NOTE (1)
Purchase Order Number:	Radiation (Rad)	1.1 E08		REF. (C)			SEE NOTE (1)
Function/Service: SEE ATTACHED SHEETS	Aging	30 Y THERMAL AND 1.8 E07 RADS		REF. (D)			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 FIGURES 5.2.15 AND 5.2.16 B. FSAR SECTION 6.2.4.2.2 C. BECHTEL RADIATION STUDY D. REPORT NO 24217, TABLE 4-3	1. THIS EQUIPMENT WILL BE REPLACED WITH QUALIFIED EQUIPMENT. ALTHOUGH QUALIFICATION DATA IS NOT AVAILABLE, CONTINUED STATION OPERATION IS JUSTIFIED FOR THE FOLLOWING REASONS- A. THESE COMPONENTS OR SIMILAR ITEMS HAVE BEEN PARTIALLY TESTED FOR ENVIRONMENTAL

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EQUIPMENT QUALIFICATION REPORT

Owner: COMMONWEALTH EDISON
Facility: QUAD CITIES
Unit: 1
Docket: 50-254

DOCUMENTATION REFERENCES (cont.)

NOTES (cont.)

CONDITIONS.
B. THESE COMPONENTS REMAINED FUNCTIONAL DURING THE JUNE 5, 1970 DEPRESSURIZATION INCIDENT AT DRESDEN UNIT 2. THIS INCIDENT RESULTED IN HARSH ENVIRONMENTAL CONDITIONS.

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 Facility: QUAD CITIES
 Unit: 1
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EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 79-01B-2 Component: TERMINAL BLOCKS (TYPICAL 2 UNITS) Manufacturer: ALLEN BRADLEY	Temperature (°F)	NORMAL 150 LOCA 281
Model Number:	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation 605' 6"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 79-01B-7 Component: TERMINAL BLOCKS (TYPICAL 2 UNITS) Manufacturer: ALLEN BRADLEY	Temperature (°F)	NORMAL 150 LOCA 281
Model Number:	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation 605' 0"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes X No:		

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Owner: COMMONWEALTH EDISON
 Facility: QUAD CITIES
 Unit: 1
 Docket No: 50-254

EQUIPMENT QUALIFICATION REPORT

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL EQUIPMENT	Operating Time	CONTINUOUS
Plant I.D. Number: 79-01B-1 Component: TERMINAL BLOCKS (TYPICAL 2 UNITS) Manufacturer: ALLEN BRADLEY	Temperature (°F)	NORMAL 150 LOCA 281
Model Number:	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location: DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation: 607' 6"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:		

EQUIPMENT DESCRIPTION	ENVIRONMENT	
	Parameter	FSAR
System: GENERAL USE ELECTRICAL PENETRATIO	Operating Time	CONTINUOUS
Plant I.D. Number: 79-01B-B Component: TERMINAL BLOCKS (TYPICAL 2 UNITS) Manufacturer: ALLEN BRADLEY	Temperature (°F)	NORMAL 150 LOCA 281
Model Number:	Pressure (PSIA)	NORMAL 14.7 LOCA 63.0
Purchase Order Number:	Relative Humidity (%)	100
Function/Service: TRANSMIT ELECTRICAL SIGNALS/POWER	Chemical Spray	DEMIN WATER
Accuracy: Spec: NA Demo: NA	Radiation (Rad)	1.1 E08
Location: DRYWELL WALL	Aging	30 Y THERMAL AND 1.8 E07 RADS
Elevation: 605' 6"	Submergence	NA
Flood Level Elevation: 583' 0" Above Flood Level: Yes: X No:		