

ZION - UNITS 1 & 2
ENVIRONMENTAL QUALIFICATION OF
SAFETY-GRADE ELECTRICAL EQUIPMENT
Volume 1

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APPENDIX A.1

ZION SYSTEMS LIST

UNITS 1 & 2

ZION STATION - UNITS 1 & 2

SYSTEMS REQUIRED FOLLOWING A LOCA, MSLB, HELB

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

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

ZION STATION - UNITS 1 & 2

SYSTEMS REQUIRED FOLLOWING A LOCA, MSLB, HELB (Cont.)

- 23. RE Reactor In-Core Instrumentation
- 24. RH Residual Heat Removal
- 25. RP Reactor Protection
- 26. RV Reactor Containment Fan Coolers, Hydrogen Purge
- 27. SI Safety Injection
- 28. SW Service Water
- 29. TS Turbine Supervisory
- 30. TV Turbine Building Ventilation
- 31. VC Chemical & Volume Control

APPENDIX B.1

ZION PLANT ENVIRONMENTAL CONDITIONS

UNITS 1 & 2

PLANT ENVIRONMENTAL CONDITIONS

<u>Environmental Zone</u>	<u>Area</u>	<u>Environmental Conditions</u>	<u>Temperature °F</u>	<u>Relative Humidity (%)</u>	<u>Pressure In PSIA (Unless Noted Otherwise)</u>	<u>Maximum Integrated Exposure* (rad)</u>
A1	Control Rm., Aux. Elec. Equip. Rms.	Normal	74-76	40 + 5	Atm.	10 ³ (Cont. Rm)
		Accident	40-76	10-60	Atm.	10 ⁴ (EE Rm.)
		Line Break	N.A.	N.A.	N.A.	
A2	M-G Set Rm. (El. 642) Non-ESS Switchgear Rms. (El. 642)	Normal	65-105	20-70	Atm.	10 ⁴
		Accident	N.C.	N.C.	N.C.	
		Line Break	N.A.	N.A.	N.A.	
A3	Essential Switchgear Rms. (El. 617)	Normal	65-105	20-70	Atm.	10 ⁴
		Accident	40-105	20-70	Atm.	
		Line Break	N.A.	N.A.	N.A.	
A4	Lower Cable Spreading Rms., HVAC Equip. Rm. (El. 617)	Normal	80	20-70	Atm.	10 ⁴
		Accident	N.C.	N.C.	N.C.	
		Line Break	N.A.	N.A.	N.A.	
A5	Diesel-Generator Rms., Diesel Oil Storage Rms.	Normal	65-115	20-70	Atm.	10 ⁴
		Accident	40-115	10-90	Atm.	
		Line Break	N.A.	N.A.	N.A.	
A6	Laboratory, Counting Rm., Rad. Offices, Hot Instr. Rm., Record Rm., Kitchen, Shift Foreman and Eng., Chem., and Rad. Office Toilet, Instr. Rm., Computer Rms., Work Rm.	Normal	74-76	40 + 5	Atm.	10 ⁴
		Accident	N.C.	N.C.	N.C.	
		Line Break	N.A.	N.A.	N.A.	

N.C. = Environmental Conditions not Controlled.

N.A. = Not Applicable

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

PLANT ENVIRONMENTAL CONDITIONS

(Cont'd)

<u>Environmental Zone</u>	<u>Area</u>	<u>Environmental Conditions</u>	<u>Temperature °F</u>	<u>Relative Humidity (%)</u>	<u>Pressure In PSIA (Unless Noted Otherwise)</u>	<u>Maximum Integrated Exposure* (rad)</u>
A7	El. 542, El. 560, El. 630, El. 642, Aux. Bldg. General (Accessible) Areas and Fuel Handling Bldg. (except as noted), Laundry Room	Normal	65-105	20-70	Atm.	10 ⁴
		Accident	40-115	10-90	Atm.	
		Line Break	N.A.	N.A.	N.A.	
A8	El. 579, Aux. Building (Accessible Areas)	Normal	65-105	20-70	Atm.	10 ⁴
		Accident	40-115	10-90	Atm.	
		Line Break	282 (1 hr. duration)	100 (1 hr. duration)	Unknown	
A9	El. 592, 617 Aux. Bldg. (Accessible Areas)	Normal	65-105	20-70	Atm.	10 ⁴
		Accident	40-115	10-90	Atm.	
		Line Break	330 (1 hr. duration)	100 (1 hr. duration)	Unknown	
A10	Seal Water Heat Exch. Rms., Letdown Heat Exch. Rms., Vol. Control Tank Rms.	Normal	65-115	20-70	Atm.	2 x 10 ⁷
		Accident	40-125	10-90	Atm.	
		Line Break	330 (1 hr. duration)	100 (1 hr. duration)	Unknown	
All	Equip. Coll. Drain Tank & Pumps (El. 542), Gas Decay Tank Rms.	Normal	65-120	20-70	Atm.	2 x 10 ⁷
		Accident	40-130	10-90	Atm.	
		Line Break	N.A.	N.A.	N.A.	

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

PLANT ENVIRONMENTAL CONDITIONS

(Cont'd)

<u>Environmental Zone</u>	<u>Area</u>	<u>Environmental Conditions</u>	<u>Temperature °F</u>	<u>Relative Humidity (%)</u>	<u>Pressure In PSIA (Unless Noted Otherwise)</u>	<u>Maximum Integrated Exposure* (rad)</u>
A12	El. 579 Pipe Tunnels & Pene. Areas, El. 579 Filters, Anion and Cation Demin. Tanks, El. 542 Pipe Tunnels, Aux. Bldg., Mixed Bed Demin. Tanks & Filters, Waste Evap. Tanks & Pumps, Hold-Up Tank Rms. (El. 542 and 579)	Normal Accident Line Break	65-120 40-130 282 (1 hr. duration)	20-70 10-90 100 (1 hr. duration)	Atm. Atm. Unknown	2×10^7
A13	El. 560 and 542 Aux. Bldg. Cubicles (with coolers), Cont. Spray Pump Rms., RHR Pump Rms., Safety Injection Pump Rms., Cavity Fill Pumps	Normal Accident Line Break	65-105 40-105 N.A.	20-70 20-70 N.A.	Atm. Atm. N.A.	$2 \times 10^{7**}$
A14	Centrifugal Charging Pump Rms.	Normal Accident Line Break	65-105 40-105 282 (1 hr. duration)	20-70 20-70 100 (1 hr. duration)	Atm. Atm. Unknown	$2 \times 10^{7**}$
A15	Elec. Cable Penet. Areas (El. 617, 630), Boric Acid Evap., Radwaste Evap. & Drum Fill Area, El. 592 Demin. RHR Ht. Exch., Waste Gas Comp., Aux. Bldg. Flr. & Equip. Drain Anal. Tanks & Pumps, Boric Evap. Feed Pumps, Aux. Bldg. Equip. Drain Tank & Pumps, Solid Rad. Drum Storage	Normal Accident Line Break	65-105 40-115 330 for 1 hr. duration for equip. on El. 512, N.A. for all others.	20-70 10-90 100 for 1 hr. duration for equip. on El. 592, N.A. for all others	Atm. Atm. Unknown	$2 \times 10^{7**}$

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

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

PLANT ENVIRONMENTAL CONDITIONS

(Cont'd)

<u>Environmental Zone</u>	<u>Area</u>	<u>Environmental Conditions</u>	<u>Temperature °F</u>	<u>Relative Humidity (%)</u>	<u>Pressure In PSIA (Unless Noted Otherwise)</u>	<u>Maximum Integrated Exposure* (rad)</u>
A16	ESF Battery Room	Normal	74-76	40 + 5	Atm.	10^4
		Accident	40-105	20-70	Atm.	
		Line Break	N.A.	N.A.	N.A.	
P1	Essential Service Water Pump (Crib House)	Normal	65-105	20-70	Atm.	1×10^4
		Accident	65-105	0-90	Atm.	
		Line Break	N.A.	N.A.	N.A.	
C1	Containment	Normal	65-120	10-50	14.7, -0.1, +0.3	See Fig. 6.3-4
		Accident	See Fig. 6.3-2	100%	See Fig. 6.3-1	
		Line Break	"	100%	"	
T1	Turbine Building	Normal	65-105	20-70	Atm.	10^4
		Accident	N.C.	N.C.	N.C.	
		Line Break	N.A.	N.A.	N.A.	
T2	Upper Safety Valve Room	Normal	65-120	20-70	Atm.	2×10^7
		Accident	N.C.	N.C.	N.C.	
		Line Break	Unknown	100	40.7	
T3	Lower Safety Valve Room	Normal	65-120	20-70	Atm.	2×10^7
		Accident	N.C.	N.C.	N.C.	
		Line Break	Unknown	100	63.7	
T4	Main Steam and Feedwater Pipe Tunnel	Normal	65-120	20-70	Atm.	2×10^7
		Accident	N.C.	N.C.	N.C.	
		Line Break	Unknown	100	43.7	

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

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

APPENDIX B.2

REFERENCES FOR PLANT ENVIRONMENTAL CONDITIONS

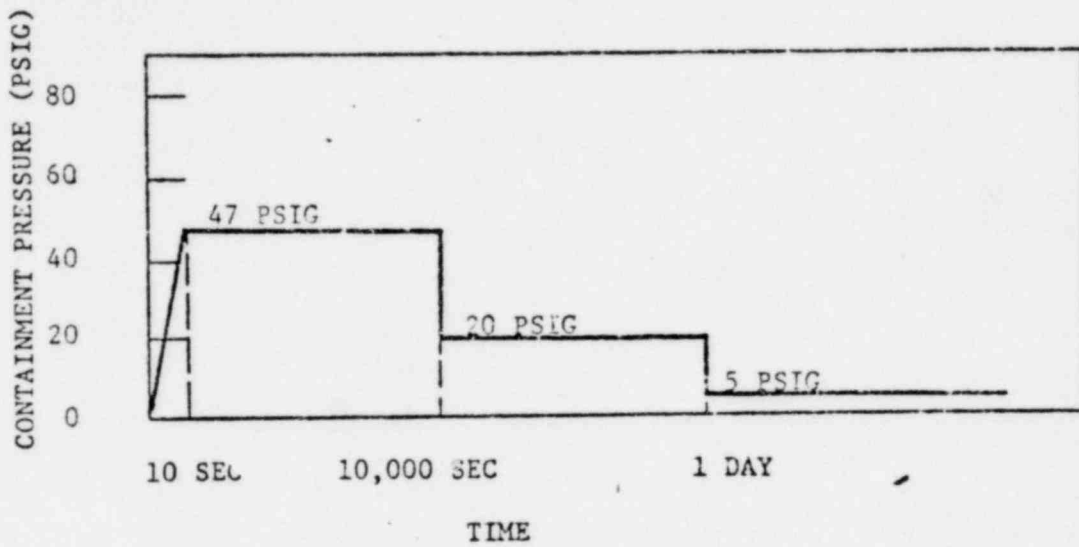


Figure 6.3-1 Post Accident Environmental Conditions for Equipment Design: Pressure versus Time

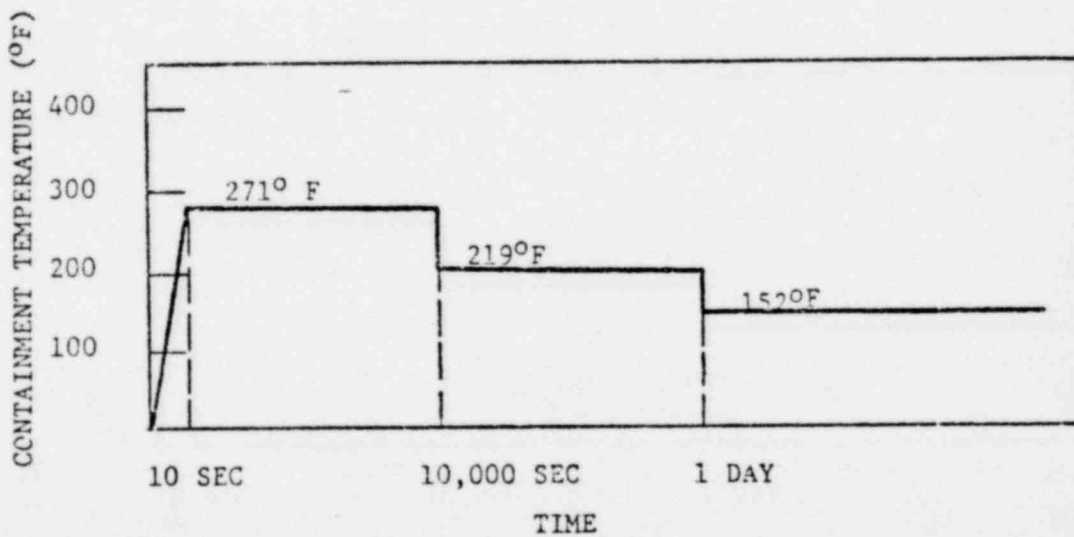


Figure 6.3-2 Post Accident Environmental Conditions for Equipment Design: Temperature versus Time

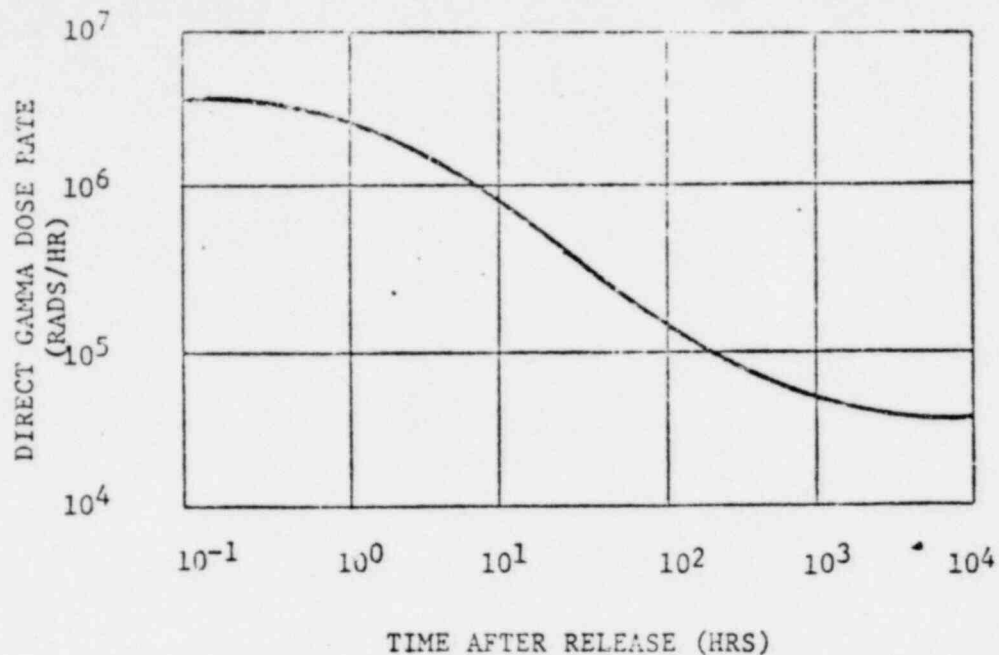


Figure 6.3-3 Instantaneous Gamma Dose Rate Inside the Containment as a Function of Time after Release

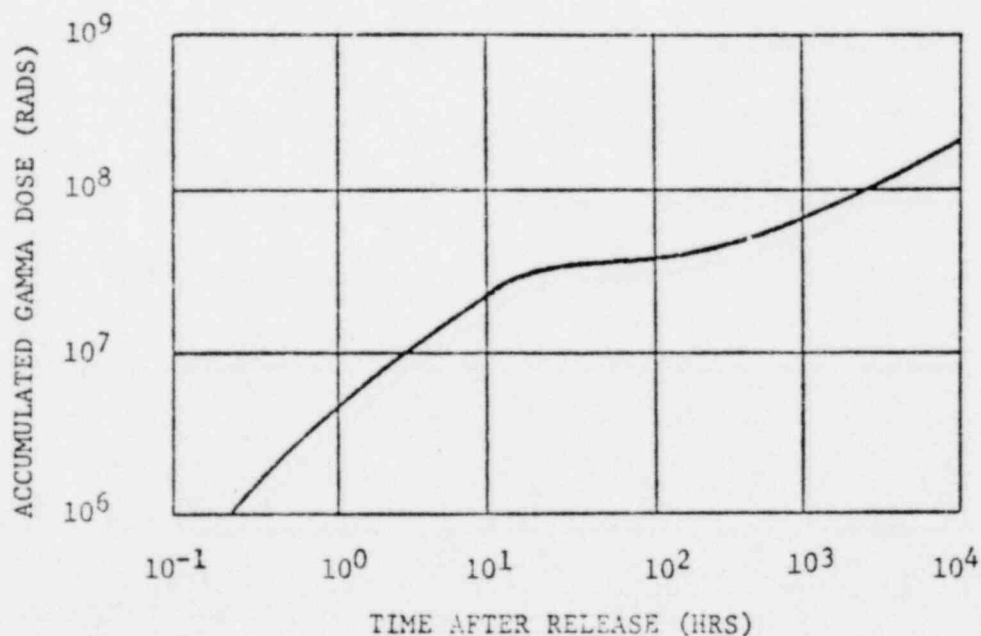


Figure 6.3-4 Integrated Gamma Dose Rate Inside the Containment as a Function of Time after Release

7/10/71
ESGR

References for Plant Environmental Conditions

1. Zion FSAR

A. Chapter 9

<u>Article</u>	<u>Page</u>	
9.10.1	9.10-1	Auxiliary Building normal and accident temperatures.
9.10.4	9.10-13	Control Room normal and accident temperatures.
9.10.6	9.10-19 9.10-20	Containment normal temperature and pressure.
9.10.7	9.10-34 9.10-37	Auxiliary Electric Equipment Room, Computer Room and Laboratory Areas normal temperature.
9.10.8	9.10-39	Service Water Pump Room normal and accident temperatures.
9.10.9	9.10-41	Diesel Generator Room normal and accident temperatures. MG set room normal temperature. Essential Switchgear normal and accident temperatures.

B. Chapter 10 Questions

<u>Article</u>	<u>Page</u>	
Q 10.10	Q 10.10-49, 50	Main Steam and Feedwater Pipe Tunnels line break environmental conditions.
Q 10.10 Q 10.16	Q 10.10-62 Q 10.16-1	Auxiliary Building high energy line break, El. 617', 592' and 579', temperatures and relative humidity.

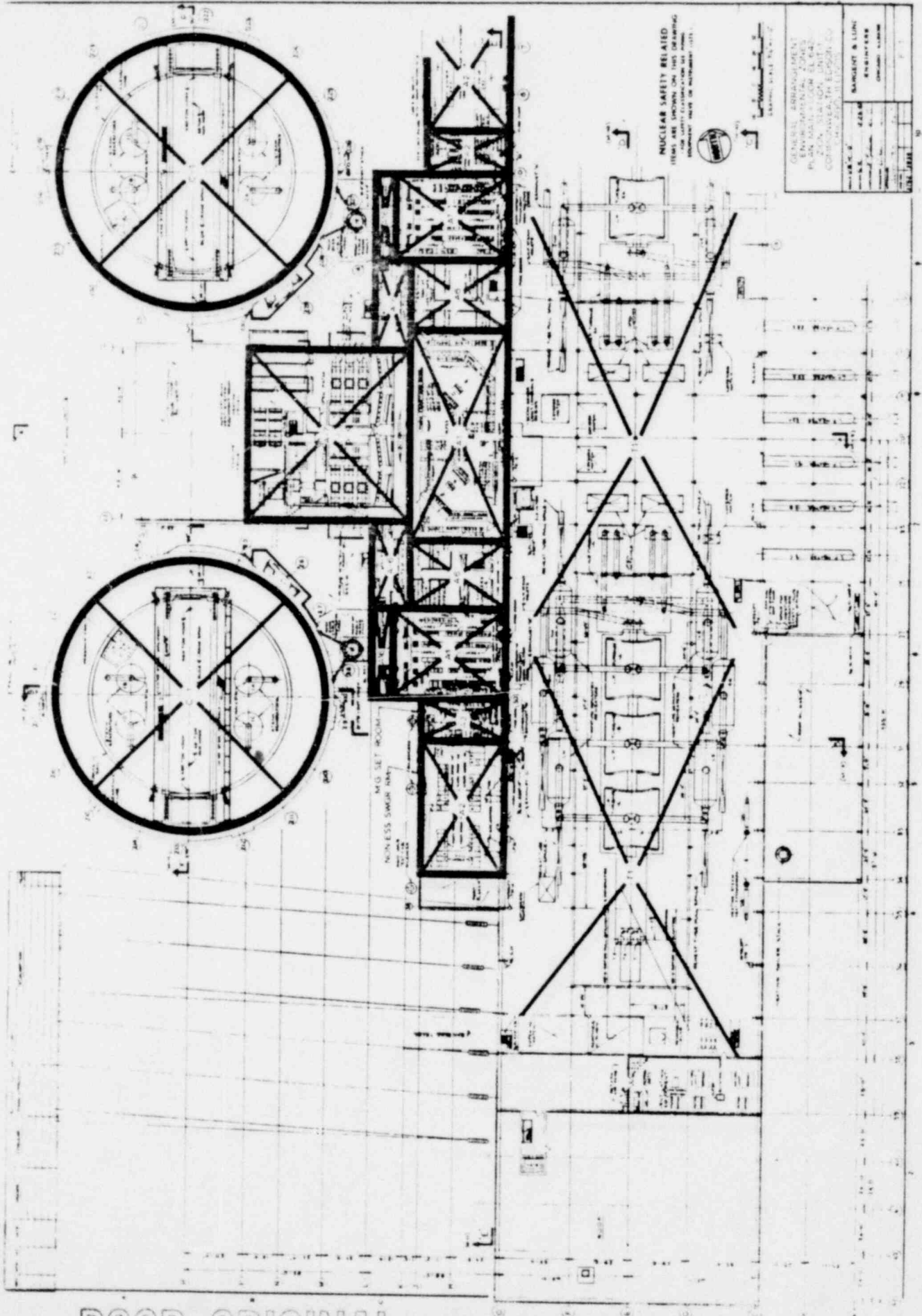
C. Specification for Heating, Ventilating and Air Conditioning Controls, X-2286, dated September 21, 1970, with the following Functional Descriptions, Revision A, dated August 7, 1970:

- a. Auxiliary Building Vent System
- b. Crib House Vent System

- c. Computer Room, Auxiliary Electrical Equipment Room and Miscellaneous Electrical Equipment Rooms HVAC System
 - d. Control Room HVAC System
 - e. Reactor Containment Vent System
- D. NSLD generic calculations for integrated radiation dose for PWR plants.

APPENDIX B.3

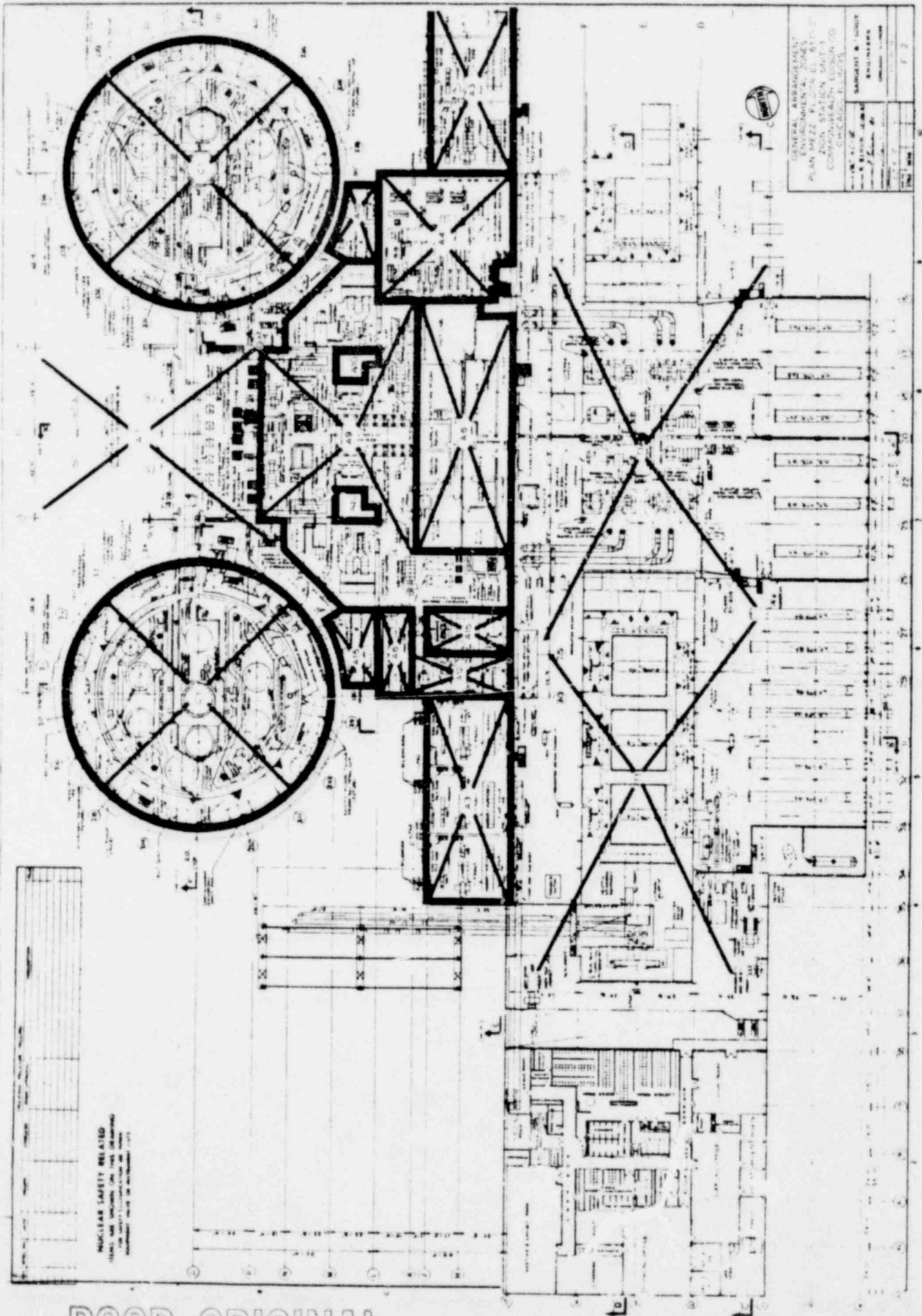
ENVIRONMENTAL ZONE DRAWINGS



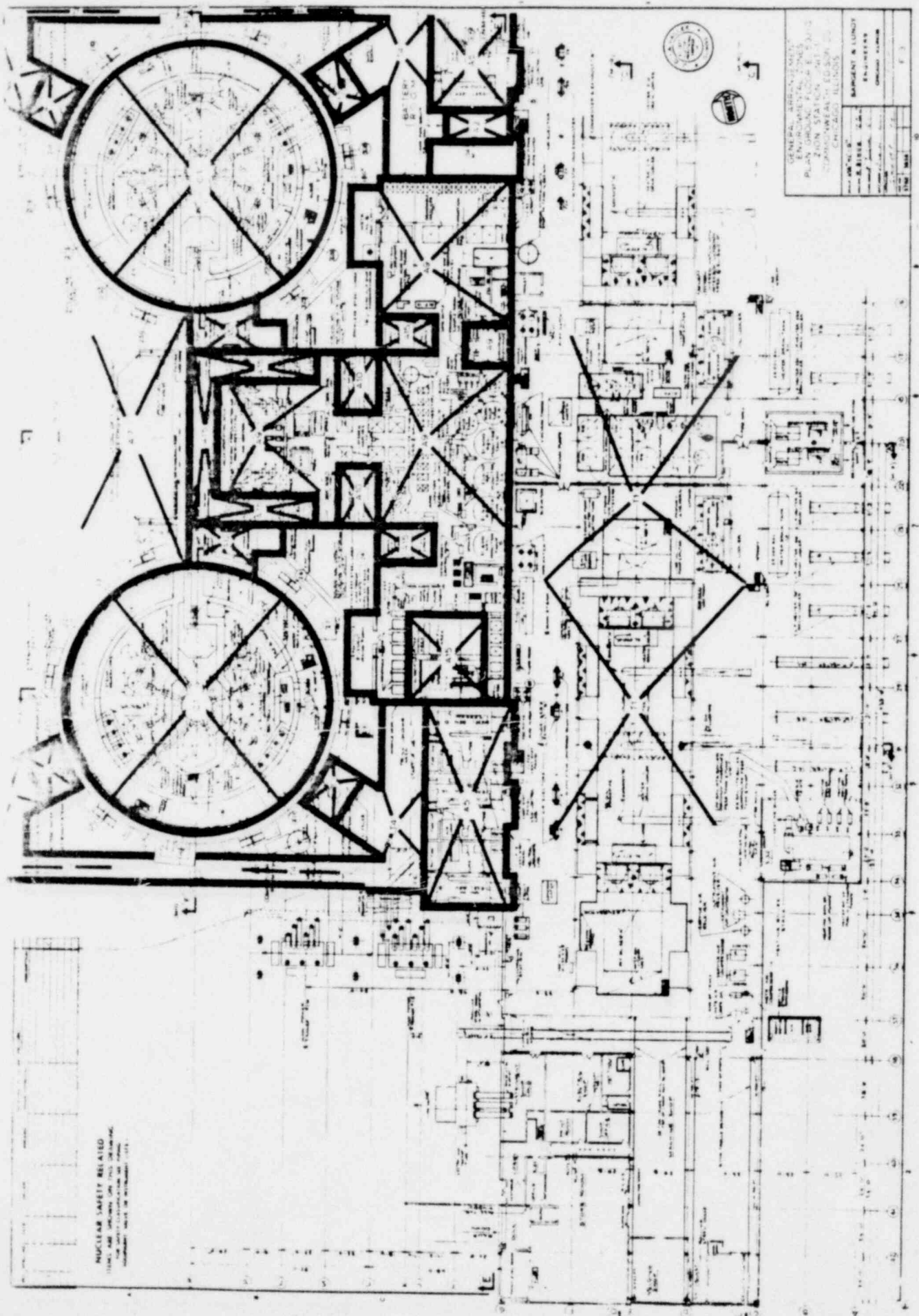
NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
FOR SAFETY EVALUATION BY THE
APPLICANT OR BY REGULATORY AGENCIES.

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SCALE: 1/4" = 1'-0"	DATE: 11/20/2010
DESIGNED BY: [Name]	CHECKED BY: [Name]
ENGINEER: [Name]	CONTRACT NUMBER: [Number]

POOR ORIGINAL



POOR ORIGINAL

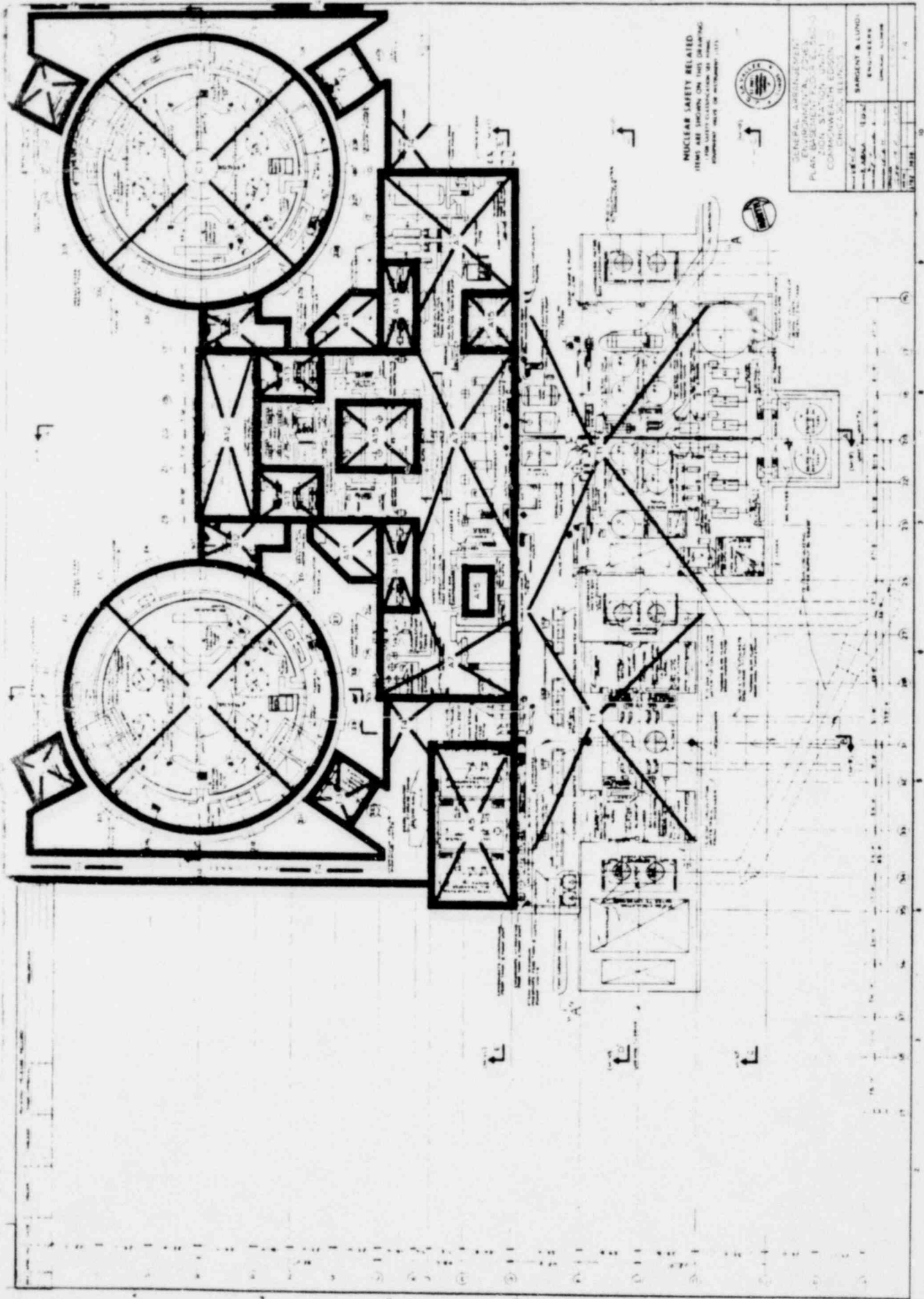


GENERAL ARCHITECTURAL
 ENVIRONMENTAL STUDIES
 PLAN ORGANIZATION & LAYOUT
 ZION STATION UNIT
 CHICAGO, ILLINOIS

PROJECT NO.	DATE	BY	CHECKED
100-1000	11-1-68	W. B. LUNDY	J. B. LUNDY
PROJECT NAME		ENGINEER	
DRAWING NO.		SCALE	

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 ITEMS AND DIMENSIONS ONLY DRAWING
 NOT TO BE USED FOR CONSTRUCTION

POOR ORIGINAL

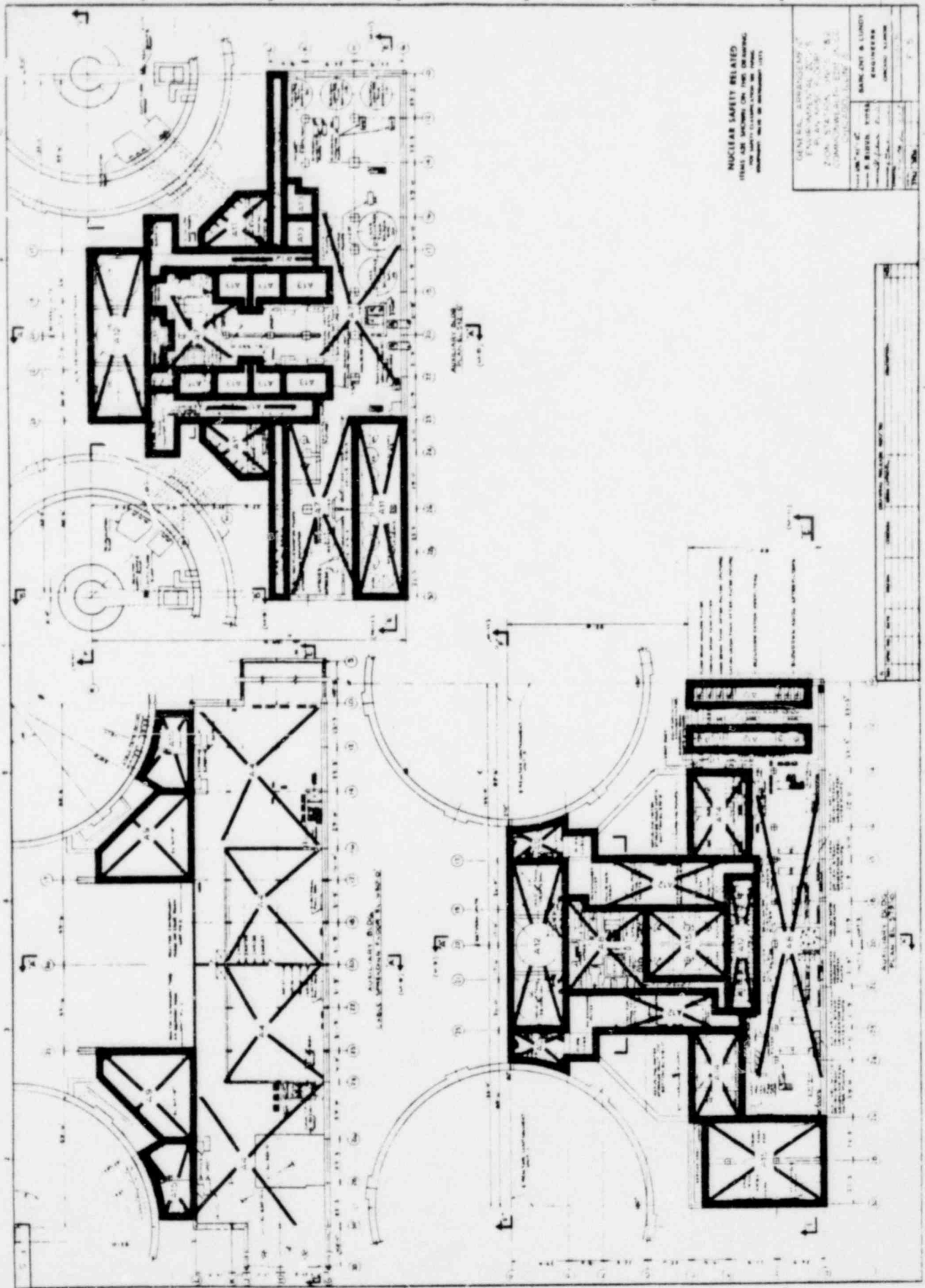


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 FOR SAFETY CLASSIFICATION ONLY
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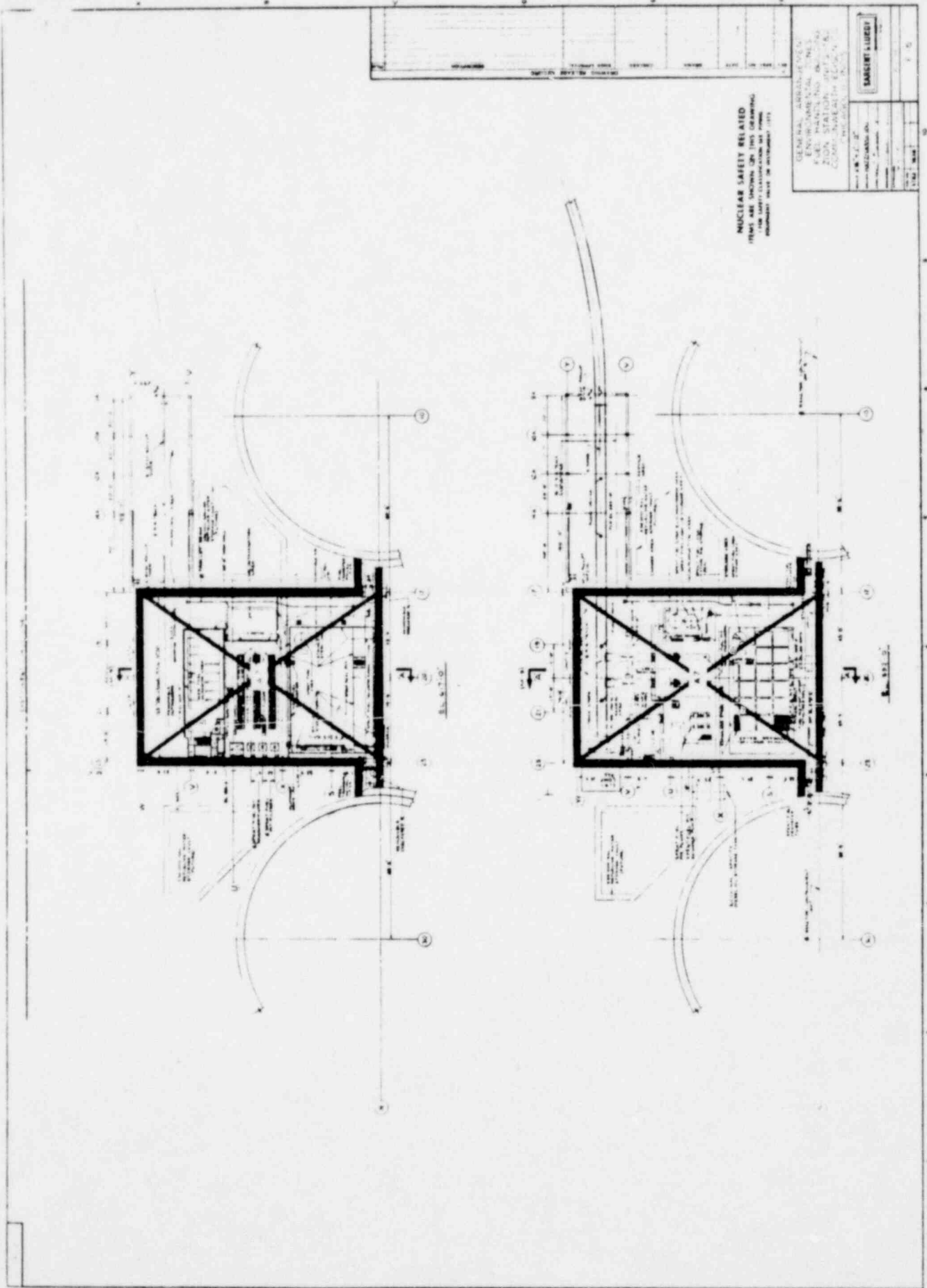


GENERAL ARCHITECTURE CORPORATION 100 N. LA SALLE ST. CHICAGO, ILLINOIS	
PROJECT NO.	100-100
DATE	10/22/54
DESIGNED BY	W. H. SARGENT & LUND
ENGINEERS	
ARCHITECTS	
SCALE	AS SHOWN

POOR ORIGINAL



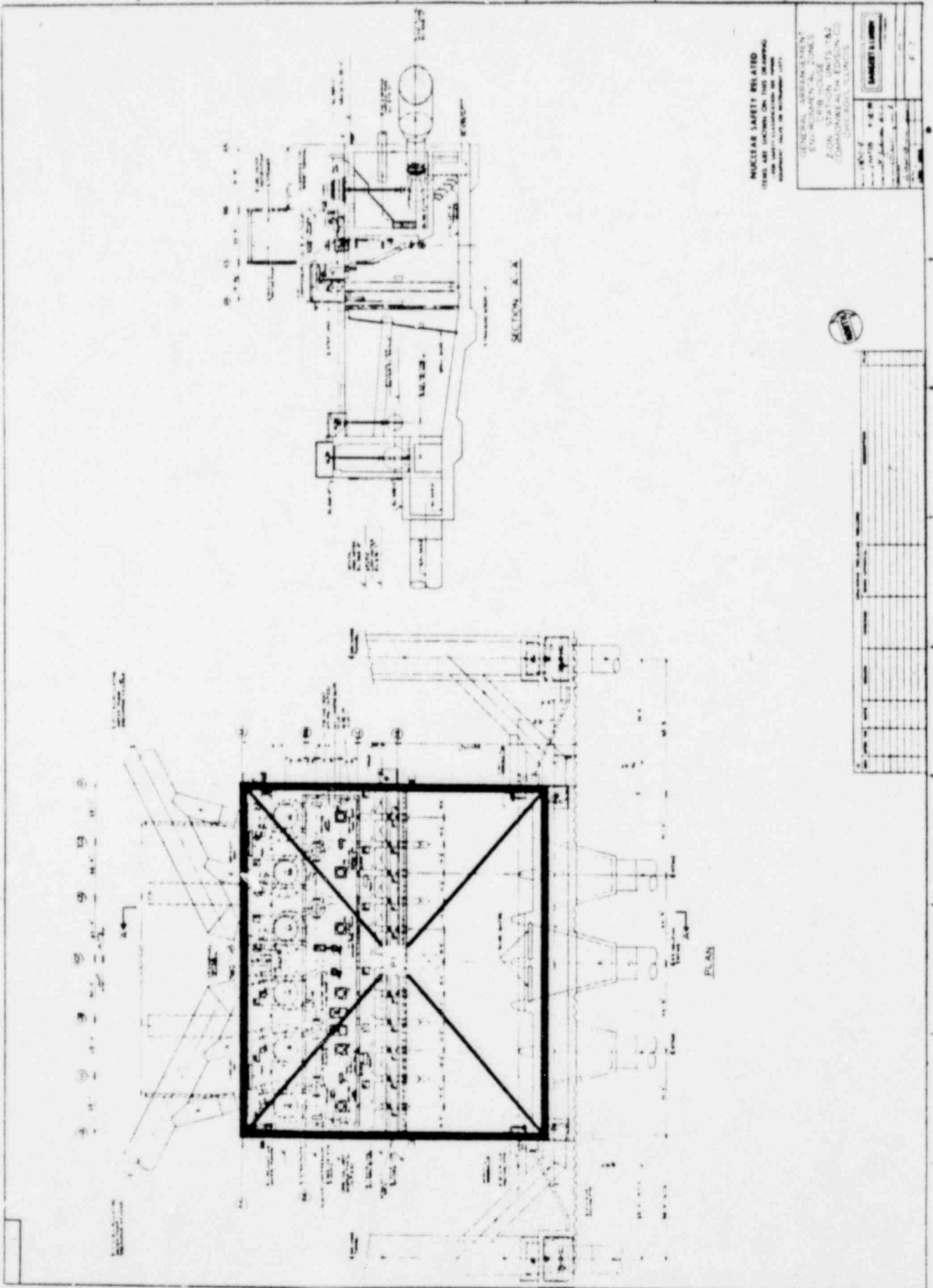
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 CONSULT WITH THE DESIGN
 ENGINEER FOR MORE INFORMATION.

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DESIGNER:	DATE:
CHECKED:	DATE:
APPROVED:	DATE:
REVISIONS	
NO.	DESCRIPTION

POOR ORIGINAL



NUCLEAR SAFETY RELATED
 DRAWING FOR THE
 SAFETY OF THE PUBLIC
 UNDER THE ATOMIC ENERGY ACT OF 1954

GENERAL ARRANGEMENT
 FOR THE
 FLOW OF MATERIALS
 FROM THE REACTOR TO THE
 CONDENSER AT THE EDISON CO.
 CHICAGO, ILLINOIS

PROJECT	EDISON CO.
DATE	10/15/54
DESIGNED BY	...
CHECKED BY	...
APPROVED BY	...
SCALE	AS SHOWN
PROJECT NO.	...
DRAWING NO.	...
SHEET NO.	...
TOTAL SHEETS	...

POOR ORIGINAL

APPENDIX C.1

IDENTIFICATION SHEETS

UNIT 1 "NORMAL"

REVISION 0
DATE 01 MAY 80

COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT		MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN		FID BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		MFR						IN	OUT				
AP	OLP20	COMPUTER ROOM HVAC SYS PNL	POWERS REGULATOR		X-2286	123163	K/15 617		A-4	AUX		22E-0-3077	
AP	OLP21	COMPUTER ROOM HVAC SYS PNL	POWERS REGULATOR		X-2286	123163	J/15 617		A-4	AUX		22E-0-3077	
AP	OLP51	125V DC DIST CNTR G11-1	GE		X-2326	119389	G/9 592		A-2	D.G.		22E-2-3203	
AP	1AB0124	JUNCTION BOX					G/30 592		A-5	AUX		22E-1-3202	
													DG 0 POWER SUPPLY FOR 4160V SWGR ESS BUS 247 (12AP006) OA,B,C
AP	1AB0259	JUNCTION BOX	COOP-B				H/30 592		A-4	AUX	KSV 102-6	22E-1-3202	
													CONTROL FOR DG 0 AT 4160V SWGR BUS 147 (12AP006)
AP	1AB0262	JUNCTION BOX	COOP-B				H/32 592		A-5	AUX	KSV 102-6	22E-1-3202	
													CONTROL FOR DG 1A AT 4160V SWGR ESS BUS 148 (12AP007)
AP	1AB0265	JUNCTION BOX	COOP-B				H/34 592		A-5	AUX	KSV 102-6	22E-1-3202	
													CONTROL FOR DG 1B AT 4160V SWGR ESS BUS 149 (12AP008)
AP	1AP002	4160V SWGR BUS 142	ITE TYPE 5 HK-350		X-2240	103443	G/32 642		A-2	D.G.	33-45122-E-	22E-1-3205	
													AUX POWER ESS BUS 147
AP	1AP003	4160V SWGR BUS 143	ITE TYPE 5 HK-350		X-2240	103443	H/32 642		A-2	D.G.	33-45122-E-	22E-1-3205	
													AUX POWER ESS BUS 148
AP	1AP004	4160V SWGR BUS 144	ITE TYPE 5 HK-350		X-2240	103443	G/32 642		A-2	D.G.	33-45122-E-	22E-1-3205	
													AUX POWER ESS BUS 149
AP	1LP04	TRAVELLING SCREEN CONT PANEL			X-2248		CC/110 594		P-1	CRIB		22E-0-3402	
AP	1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642		S-1	AUX		22E-0-3089	
													FUNCTION/SERVICE-

3306



REVISION 0
DATE 01 MAY 80

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP	1CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/27 642	A-1	AUX		22E-0-3089	
AP	1CB095	ESS LOGIC TEST CAB	HARLO CORP		X-2305	123519	H/29 642	A-1	AUX		22E-0-3089	
AP	1LP07	DIESEL GEN O CONTROL	COOPER BESSEMER		X-2246	105573	G/32 592	A-5	D.G.		22E-1-3202	
AP	1LP09	DIESEL GEN 1A CONTROL	COOPER BESSEMER		X-2246	105573	H/33 592	A-5	D.G.		22E-1-3202	
AP	1LP11	DIESEL GEN 1B CONTROL	COOPER BESSEMER		X-2246	105573	H/34 592	A-5	D.G.		22E-1-3202	
AP	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3	AUX		2EE-1-3203	
AP	1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A-3	AUX		2EE-1-3203	
AP	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-3	AUX		2EE-1-3203	
AP	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A-3	AUX		2EE-1-3203	
AP	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A-3	AUX		22E-1-3203	
AP	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A-3	AUX		22E-1-3203	
AP	OLP17	AUX BLDG VENT SYS PNL	POWERS REGULATOR		X-2286	123163	M/21 642	A-7	AUX		22E-0-3092	



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DATE 01 MAY 80

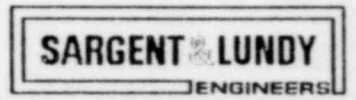
COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FID BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
AP OEI-AP05	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		J/20 642'-0''	A1 AUX	N/A		22E-1-4000C	N901
FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 147											
AP 1EI-AP48	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		J/20 642'-0''	A1 AUX	N/A		22E-1-4000C	N901
FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 148											
AP 1EI-AP49	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		J/20 642'-0''	A1 AUX	N/A		22E-1-4000C	N901
FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 149											
AP OEI-AP05A	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		G/20 642'-0''	A1 AUX	N/A		22E-2-4000C	N901
FUNCTION/SERVICE: VOLTAGE INDICATOR/4KV SWGR ESS BUS 247											
AP OSI-AP03	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		J/20 642'-0''	A1 AUX	N/A		22E-1-4000C	N902
FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 0 FREQUENCY											
AP 1SI-AP46	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		J/20 642'-0''	A1 AUX	N/A		22E-1-4000C	N902
FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 1A FREQUENCY											
AP 1SI-AP47	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		J/20 642'-0''	A1 AUX	N/A		22E-1-4000C	N902
FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 1A FREQUENCY											
AP OSI-AP03A	ELECTRICAL INDICATOR	WEST	KR3-241	X-2200		G/20 642'-0''	A1 AUX	N/A		22E-2-4000C	N902
FUNCTION/SERVICE: FREQUENCY INDICATION/DIESEL GENERATOR 0 FREQUENCY											
AP 1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E-1-3203	0001
FUNCTION/SERVICE: AUX. POWER BUS 142 & 241											
AP 1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E-1-3203	0002
FUNCTION/SERVICE: AUX POWER BUS 143 & 241											
AP 1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E-1-3203	0003
FUNCTION/SERVICE: AUX POWER BUS 144 & 241											
AP 1AP013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A-3 AUX		591F616 /	22E-1-3203	0007
FUNCTION/SERVICE: POWER FEED TO ESS MCC'S 1371 & 1372											

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AP	1APO14	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33	A-3 AUX		591F616 /	22E 1-3203	Q008
				FUNCTION/SERVICE-	POWER FEED TO ESS MCC'S 1382, 1383 A&B, 1381 A&B							
AP	1APO15	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34	A-3 AUX		591F616 /	22E 1-3203	Q009
				FUNCTION/SERVICE-	POWER FEED TO ESS MCC'S 1391, 1392, 1393A							
AP	1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX			22E-1-3203	Q013
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 137							
AP	1APO31	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A-3 AUX			22E-0-3059	Q014
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 138							
AP	1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX			22E-1-3203	Q015
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 139							
AP	1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A-7 AUX			22E-0-3056	Q016
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 138							
AP	1APO36	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A-7 AUX			22E-0-3059	Q017
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 139							
AP	1APO46	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A-7 AUX			22E-0-3051	Q018
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 137							
AP	1APO90	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	Q019
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 138							
AP	1APO91	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A-7 AUX			22E-0-3056	Q020
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 138							
AP	1APO92	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	Q021
				FUNCTION/SERVICE-	POWER FEED FROM 480V ESS MCC 1393C INCOMING LINE							
AP	1APO93	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	Q022
				FUNCTION/SERVICE-	POWER FEED FROM 480V ESS MCC 1393 A&B INCOMING LINE							



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								IN	OUT				
AP	1A055	MOV HTRS- DIST. PNL-DIV 19	FISH-H B/M-C-458	X-2329	119387	P/20 560			A-7	AUX		22E-0-3059	Q035
		FUNCTION/SERVICE-			POWER FEED TO MOV HTRS								
AR	ORE-AR10	RADIATION DETECTOR	NMC	GA-2TM	X-2333	K/20 560'-0"			A7	AUX	N/A	M-297	M801
		FUNCTION/SERVICE:			ALARM & RECORDING/AUX BLDG.								
AR	ORE-AR11	RADIATION DETECTOR	NMC	GA-2TM	X-2333	H/14 542'-0"			A7	AUX	N/A	M-299	M801
		FUNCTION/SERVICE:			ALARM & RECORDING/AUX BLDG.								
AR	1A031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560		A-3	AUX		22E-0-3059	Q014
		FUNCTION/SERVICE-			POWER SUPPLY FOR AREA RADIATION MONITOR 1AR001								
AR	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617		A-3	AUX		22E-1-3203	Q015
		FUNCTION/SERVICE-			POWER SUPPLY FOR ARE RADIATION MONITOR 1AR002								
AV	OC005	HVAC CONTROL PANEL	HARLO		X-2291		K/20 642		A-1	AUX	E12945 SH. 11	22E-0-3090	
		FUNCTION/SERVICE-			CONT & INDIC AV SYS VENT FANS								
AV	OLP17	AUX BLDG VENT SYS PNL	POWERS REGULATOR		X-2286	123163	M/21 642		A-7	AUX		22E-0-3092	
		FUNCTION/SERVICE-											
AV	1AB0127	JUNCTION BOX					M/21 642		A-7	AUX		22E-0-3092	
		FUNCTION/SERVICE-			CHARCOAL EXH FILTERS SOLENOID VLV OSV-AV186A,B,C								
		FUNCTION/SERVICE-			CHARCOAL EXH FILTERS HEAT DETECTOR QTY-AV97								
AV	1AB0302	JUNCTION BOX					L/21 542		A-7	AUX		22E-0-3054	
		FUNCTION/SERVICE-			RHR PUMP 1A COOLER								
AV	1AB0303	JUNCTION BOX					L/21 542		A-7	AUX		22E-0-3054	
		FUNCTION/SERVICE-			RHR PUMP 1B COOLER								
AV	1AB0304	JUNCTION BOX					K/23 560		A-7	AUX		22E-0-3056	
		FUNCTION/SERVICE-			SAFETY INJECTION PUMP 1A COOLER								

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AV	1AB0305	JUNCTION BOX					K/26 560	A-7 AUX			22E-0-3056	
		FUNCTION/SERVICE-										
AV	1AB0306	JUNCTION BOX					M/23 560	A-7 AUX			22E-0-3059	
		FUNCTION/SERVICE-										
AV	1AB0307	JUNCTION BOX					M/21 560	A-7 AUX			22E-0-3059	
		FUNCTION/SERVICE-										
AV	1AB0317	JUNCTION BOX					L/21 542	A-7 AUX			22E-0-3054	
		FUNCTION/SERVICE-										
AV	1AB0318	JUNCTION BOX					L/21 542	A-7 AUX			22E-0-3054	
		FUNCTION/SERVICE-										
AV	1AB0319	JUNCTION BOX					K/23 560	A-7 AUX			22E-0-3056	
		FUNCTION/SERVICE-										
AV	1AB0320	JUNCTION BOX					K/26 560	A-7 AUX			22E-0-3056	
		FUNCTION/SERVICE-										
AV	1AB0321	JUNCTION BOX					M/23 560	A-7 AUX			22E-0-3059	
		FUNCTION/SERVICE-										
AV	1AB0438	JUNCTION BOX					M/19 642	A-7 AUX			22E-0-3092	
		FUNCTION/SERVICE-										
		FUNCTION/SERVICE-										
AV	1AB0440	JUNCTION BOX					N/21 642	A-7 AUX			22E-0-3092	
		FUNCTION/SERVICE-										
AV	1AV001	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		L/22 542'-0"	A13 AUX	N/A			E001
		FUNCTION/SERVICE-										

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AV	1AV002	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		M/22 542'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: RESIDUAL HEAT REMOVAL PUMP/TEMPERATURE CONTROL												
AV	1AV006	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		L/25 560'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: SAFETY INJECTION PUMP/TEMPERATURE CONTROL												
AV	1AV007	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		L/24 560'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: SAFETY INJECTION PUMP/TEMPERATURE CONTROL												
AV	1AV001	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		L/22 542'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: RESIDUAL HEAT REMOVAL PUMP/TEMPERATURE CONTROL												
AV	1AV002	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		M/22 542'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: RESIDUAL HEAT REMOVAL PUMP/TEMPERATURE CONTROL												
AV	1AV006	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		L/25 560'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: SAFETY INJECTION PUMP/TEMPERATURE CONTROL												
AV	1AV007	UNIT COOLER/ FAN MOTOR	WEST	3 TYPE B/ 143T FRAME	X-2281		L/24 560'-0''	A13 AUX	N/A			E001
FUNCTION/SERVICE: SAFETY INJECTION PUMP/TEMPERATURE CONTROL												
AV	1AV009	UNIT COOLER/ FAN MOTOR	WEST	4 TYPE B/ 182T FRAME	X-2281		P/22 560'-0''	A13 AUX	N/A			E002
FUNCTION/SERVICE: CONTAINMENT SPRAY PUMP/TEMPERATURE CONTROL												
AV	1AV009	UNIT COOLER/ FAN MOTOR	WEST	4 TYPE B/ 182T FRAME	X-2281		N/22 560'-0''	A13 AUX	N/A			E002
FUNCTION/SERVICE: CONTAINMENT SPRAY PUMP/TEMPERATURE CONTROL												
AV	1AV008	UNIT COOLER/ FAN MOTOR	WEST	4 TYPE B/ 182T FRAME	X-2281		P/22 560'-0''	A13 AUX	N/A			E002
FUNCTION/SERVICE: CONTAINMENT SPRAY PUMP/TEMPERATURE CONTROL												
AV	1AV009	UNIT COOLER/ FAN MOTOR	WEST	4 TYPE B/ 182T FRAME	X-2281		N/22 560'-0''	A13 AUX	N/A			E002
FUNCTION/SERVICE: CONTAINMENT SPRAY PUMP/TEMPERATURE CONTROL												
AV	0AV013	SUPPLY FAN MOTOR	G.E.	72D10-1170 -52/819E:2	X-2276		P/20 642'-0''	A7 AUX	N/A			E005
FUNCTION/SERVICE: AUX BLDG/SUPPLY VENT AIR												

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		COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC							
AV	OAV014	SUPPLY FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		P/20 642'-0''	A7 AUX	N/A		E005	
FUNCTION/SERVICE: AUX BLDG/SUPPLY VENT AIR												
AV	OAV015	SUPPLY FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		N/20 642'-0''	A7 AUX	N/A		E005	
FUNCTION/SERVICE: AUX BLDG/SUPPLY VENT AIR												
AV	OAV016	EXHAUST FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		M/23 642'-0''	A7 AUX			E006	
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR												
AV	OAV017	EXHAUST FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		M/23 642'-0''	A7 AUX	N/A		E006	
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR												
AV	OAV018	EXHAUST FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		L/23 642'-0''	A7 AUX	N/A		E006	
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR												
AV	OAV019	EXHAUST FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		M/19 642'-0''	A7 AUX	N/A		E006	
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR												
AV	OAV020	EXHAUST FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		M/19 642'-0''	A7 AUX	N/A		E006	
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR												
AV	OAV021	EXHAUST FAN MOTOR	G.E.	72D10-1170-52/8188FR	X-2276		L/19 642'-0''	A7 AUX	N/A		E006	
FUNCTION/SERVICE: AUX BLDG/EXHAUST VENT AIR												
AV	OAV022	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/284TCZ FRAME	X-2276		M/21 642'-0''	A7 AUX	N/A		E007	
FUNCTION/SERVICE: AUX BLDG/EXHAUST FILTERED VENT. AIR												
AV	OAV023	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/284TCZ FRAME	X-2276		L/21 642'-0''	A7 AUX	N/A		E007	
FUNCTION/SERVICE: AUX BLDG/EXHAUST FILTERED VENT. AIR												
AV	OAV024	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/284TCZ FRAME	X-2276		M/20 642'-0''	A7 AUX	N/A		E007	
FUNCTION/SERVICE: AUX BLDG/EXHAUST FILTERED VENT. AIR												
AV	OAV025	CHARCOAL BSTR FAN MOTOR	G.E.	33B7-175039/284TCZ FRAME	X-2276		L/20 642'-0''	A7 AUX	N/A		E007	
FUNCTION/SERVICE: AUX BLDG/EXHAUST FILTERED VENT. AIR												

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AV 0AV070	STAND-BY COM- PRESSOR MOTOR	WEST	FT255	X-2286		N/21 642'-0''	A7 AUX	N/A			EO08
		FUNCTION/SERVICE:AUX BLDG. CONTROLS/AIR COMPRESSOR									
AV 0AV071	STAND-BY COM- PRESSOR MOTOR	WEST	FT255	X-2286		N/21 642'-0''	A7 AUX	N/A			EO08
		FUNCTION/SERVICE:AUX BLDG. CONTROLS/AIR COMPRESSOR									
AV 0X5-AVB2A	LIMIT SWITCH	AMER.	81P-29746-B	X-2286		N/19 612'-0''	A7 AUX	N/A		M-3	1001
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS DOOR LIMIT SWITCH									
AV 0X5-AVB2B	LIMIT SWITCH	AMER.	81P-29746-B	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1001
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS DOOR LIMIT SWITCH									
AV 0TY-AV97A	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV97B	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV97C	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV97D	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV97E	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV97F	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV98A	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									
AV 0TY-AV98B	TEMPERATURE SWITCH	UNITED	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
		FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH									

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AV	QTY-AV98C	TEMPERATURE SWITCH	UNITED ELECT	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH												
AV	QTY-AV98D	TEMPERATURE SWITCH	UNITED ELECT	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH												
AV	QTY-AV98E	TEMPERATURE SWITCH	UNITED ELECT	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH												
AV	QTY-AV98F	TEMPERATURE SWITCH	UNITED ELECT	C-300	X-2286		N/19 642'-0''	A7 AUX	N/A		M-3	1002
FUNCTION/SERVICE:AUX BLDG. CHARCOAL FILTERS TEMPERATURE SWITCH												
AV	OTS-AV100	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/21 542'-0''	A7 AUX	N/A		M-7	1003
FUNCTION/SERVICE:RESIDUAL HEAT 1B REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV101	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/21 542'-0''	A7 AUX	N/A		M-7	1003
FUNCTION/SERVICE:RESIDUAL HEAT 2A REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV102	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/19 542'-0''	A7 AUX	N/A		M-7	1003
FUNCTION/SERVICE:RESIDUAL HEAT 2B REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV103A	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		P/21 560'-0''	A7 AUX	N/A		M-6	1003
FUNCTION/SERVICE:CONTAINMENT SPRAY PUMPS 1A ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV103B	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		P/21 560'-0''	A7 AUX	N/A		M-6	1003
FUNCTION/SERVICE:CONTAINMENT SPRAY PUMPS 1B ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV104	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/18 560'-0''	A7 AUX	N/A		M-6	1003
FUNCTION/SERVICE:SAFETY INJ. PUMPS 2A ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV105	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/14 560'-0''	A7 AUX	N/A		M-6	1003
FUNCTION/SERVICE:SAFETY INJ. PUMPS 2B ROOM CUBICLE COOLER CONTROL												
AV	OTS-AV106A	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		P/19 560'-0''	A7 AUX	N/A		M-6	1003
FUNCTION/SERVICE:CONTAINMENT SPRAY 2A ROOM CUBICLE COOLER CONTROL												

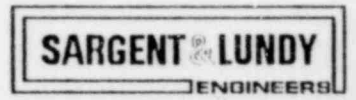


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	AV OTS-AV106B	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		P/19 560'-0''	A7	AUX N/A		M-6	I003
	AV OTS-AV107	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		K/26 560'-0''	A7	AUX N/A		M-6	I003
	AV OTS-AV108	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		K/24 560'-0''	A7	AUX N/A		M-6	I003
	AV OTS-AV99	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/21 542'-0''	A7	AUX N/A		M-7	I003
	AV OHS-AV100B	HAND SWITCH			X-2329		L/21 542'-0''	A7	AUX N/A		M-7	I005
	AV OHS-AV101B	HAND SWITCH			X-2329		L/21 542'-0''	A7	AUX N/A		M-7	I005
	AV OHS-AV102B	HAND SWITCH			X-2329		L/19 542'-0''	A7	AUX N/A		M-7	I005
	AV OHS-AV103B	HAND SWITCH			X-2329		P/21 560'-0''	A7	AUX N/A		M-6	I005
	AV OHS-AV103C	HAND SWITCH			X-2329		P/21 560'-0''	A7	AUX N/A		M-6	I005
	AV OHS-AV104B	HAND SWITCH			X-2329		K/16 560'-0''	A7	AUX N/A		M-6	I005
	AV OHS-AV105B	HAND SWITCH			X-2329		K/14 560'-0''	A7	AUX N/A		M-6	I005
	AV OHS-AV106B	HAND SWITCH			X-2329		P/19 560'-0''	A7	AUX N/A			I005

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AV	OHS-AV106C	HAND SWITCH			X-2329		P/19 560'-0''	A7 AUX	N/A			I005
												FUNCTION/SERVICE: CONTAINMENT SPRAY PUMPS 2B ROOM CUBICLE COOLER CONTROL
AV	OHS-AV107B	HAND SWITCH			X-2329		L/26 560'-0''	A7 AUX	N/A			I005
												FUNCTION/SERVICE: SAFETY INJ. PUMPS 1A ROOM CUBICLE COOLER CONTROL
AV	OHS-AV108B	HAND SWITCH			X-2329		L/24 560'-0''	A7 AUX	N/A			I005
												FUNCTION/SERVICE: SAFETY INJ. PUMPS 1B ROOM CUBICLE COOLER CONTROL
AV	OHS-AV99	HAND SWITCH			X-2329		L/21 542'-0''	A7 AUX	N/A		M-7	I005
												FUNCTION/SERVICE: RESIDUAL HEAT 1A REMOVAL PUMPS ROOM CUBICLE COOLER CONTROL
AV	1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E 1-3203	0001
												FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT SUPPLY & EXH FAN
AV	1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E 1-3203	0002
												FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT EXH FAN
AV	1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E 1-3203	0003
												FUNCTION/SERVICE: CONTROL INTERLOCK FOR AUX BLDG VENT SUPPLY & EXH FANS
AV	1AP013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A-3 AUX		591F616 /	22E 1-3203	0007
												FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT SUPPLY FANS OB & EXH FAN OC
AV	1AP014	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33	A-3 AUX		591F616 /	22E 1-3203	0008
												FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT EXH FAN OB
AV	1AP015	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34	A-3 AUX		591F616 /	22E 1-3203	0009
												FUNCTION/SERVICE: POWER SUPPLY TO AUX BLDG VENT SUPPLY FAN OA & EXH FAN OA
AV	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX			22E-1-3203	0015
												FUNCTION/SERVICE: POWER SUPPL TO AUX BLDG CHARCOAL BOOSTER FAN OA OAV022
AV	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A-7 AUX			22E-0-3056	0016
												FUNCTION/SERVICE: POWER SUPPLY TO UNIT COOLERS 1AV002, 6, 9, & 10



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AV	1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542		A-7 AUX		22E-0-3051	0018
				FUNCTION/SERVICE-	POWER SUPPLY TO UNIT COOLERS 1AV007, 8, & 12							
AV	1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3 AUX		22E-1-3203	0019
				FUNCTION/SERVICE-	POWER SUPPLY TO AUX BLDG VENT FAN OAV023							
AV	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560		A-7 AUX		22E-0-3059	0021
				FUNCTION/SERVICE-	POWER SUPPLY TO UNIT COOLERS 1AV001 & 12; AIR COMPR OAV070							
CC	1A035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260		L/23 560		A-7 AUX		22E-0-3056	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC SYS VLVS 1MOV-CC9488, -CC9413B							
CC	1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260		L/23 617		A-7 AUX		22E-0-3059	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC SYS VLV 1MOV-CC9415							
CC	1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260		K/26 542		A-7 AUX		22E-0-3051	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC SYS VLVS 1MOV-CC9413A, 1FCV-CC685							
CC	1A006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617		A-3 AUX	33-45122-E-31	22E-1-3203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC PUMP OE							
CC	1A007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617		A-3 AUX	33-45122-E-32	22E-1-3203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC PUMP OD							
CC	1A008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617		A-3 AUX	33-45122-E-33	22E-1-3203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC PUMP OC							
CC	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260		H/34 617		A-3 AUX		22E-1-1203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC SYS VLV 1MOV-CC9412A							
CC	1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260		J/32 617		A-3 AUX		22E-1-3203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR CC SYS VLV 1MOV-CC9412B							
CC	1CB008	MCB-ESF DIV 17	WE		X-22005	382557	H/23 642		A-1 AUX		22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR CC SYS PUMP & VLVS							



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CC	1CB009	MCB-ESF DIV 18	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR		CC SYS PUMP & VLVS					
CC	1CB010	MCB-ESF DIV 19	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR		CC SYS PUMP & VLVS					
CC	1CB012	MCB-BOP PORTION OF ESF	WE		X-22005	382557	G/23 642	A-1	AUX		22E-0-3090	
				FUNCTION/SERVICE-								
CC	1CB035	NSSS AUX RLY RACK	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/26 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB075	PROC I&C COMP INPUT PNL 1	WE		X-22005	382557	K/28 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB076	PROC I&C COMP INPUT PNL 2	WE		X-22005	382557	K/27 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB078	PROC I&C RACK CONT GR 2	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB079	PROC I&C RACK CONT GR 3	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB080	PROC I&C RACK CONT GR 4	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								
CC	1CB094	ESS LOGIC TEST TR. CAB	HARLO		X-2305	123159	G/29 642	A-1	AUX		22E-0-3089	
				FUNCTION/SERVICE-								

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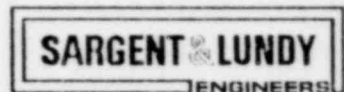
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CC	1CB095	ESS LOGIC TEST CAB	HARLO CORP		X-2305	123519	H/29 642	A-1 AUX			22E-0-3089	
CC	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP		X-2305	123159	J/30 617	A-3 AUX			2EE-1-3203	
CC	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP		X-2305	123159	J/32 617	A-3 AUX			2EE-1-3203	
CC	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP		X-2305	123159	H/32 617	A-3 AUX			2EE-1-3203	
CC	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP		X-2305	123159	J/33 617	A-3 AUX			2EE-1-3203	
CC	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP		X-2305	123159	H/33 617	A-3 AUX			2EE-1-3203	
CC	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260		P/21 560	A-7 AUX			22E-0-3059	
CC	1FT-688	FLOW TRANSMITTER	BARTON		X-2200	118630	M/21 560'-0''	A7 AUX	N/A		M-67,M-295	N401
CC	1FT-689	FLOW TRANSMITTER	BARTON		X-2200	118630	H/22 560'-0''	A7 AUX	N/A		M-67,M-297	N401
CC	1FI-688	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	N402
CC	1FI-688	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	N402
CC	1FI-688	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1 AUX	N/A		22E-2-4304	N402

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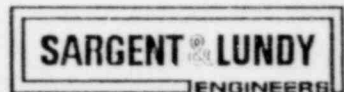
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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
CC 1FI-688	ELECTRICAL INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1 AUX	N/A		22E-2-4304	N402
	FUNCTION/SERVICE: RHX 2A OUT FLOW INDICATION/RHX 2A OUT										
CC 1AP055	MOV HTRS-DIST. PNL-DIV	FISH-H	B/M-C-458 19	X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q035
	FUNCTION/SERVICE- POWER SUPPLY FOR CC SYS MOV HTRS										
CD 1LI-CD94	ELECTRICAL INDICATOR	WEST	VX-252	X-2291		G/20 642'-0''	A1 AUX	N/A		M-37, M-105	N002
	FUNCTION/SERVICE: SECONDARY STORAGE TANK LEVEL INDICATION										
CI 1AP092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	
	FUNCTION/SERVICE- POWER SUPPLY AUX BLDG EQUIP DRAIN / COLLECTION TNK OB PUMP OD										
CI 1AP093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	
	FUNCTION/SERVICE- POWER SUPPLY AUX BLDG FLR DRAIN SUMP B PUMP OD										
CI 1AB0456	JUNCTION BOX						A1 AUX			22E- -	
	FUNCTION/SERVICE- AIRCRAFT CRASH FP F/S SW VENT FAN OBS, FIRE WATER PUMP OA										
CI 1AB0457	JUNCTION BOX						A1 AUX			22E- -	
	FUNCTION/SERVICE- DIESEL ENGINE EMERGENCY FIRE PUMP OB AND SW VENT FANS OAS										
CI 1AB0592	JUNCTION BOX						A1 AUX			22E- -	
	FUNCTION/SERVICE- AIRCRAFT CRASH FIRE DETECTION SYS INTERLOCK DIESEL GENERATOR O, 1A, 1B, ROOM VENT FANS, SWITCHGEAR ROOM EL 617', VENT FANS & SW VENT FANS OAS, OBS & OCS, AIRCRAFT CRASH FIRE DETECTION INTERLOCK AUX BLDG VENT SUPPLY FAN OA & OB										
CI 1AB0596	JUNCTION BOX						A1 AUX			22E- -	
	FUNCTION/SERVICE- AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 1A AIR INTAKE										
CI 1AB0597	JUNCTION BOX						A1 AUX			22E- -	
	FUNCTION/SERVICE- AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 1A AIR INTAKE										
CI 1CB051	MCB-FIRE ALRM CABINET			X-2329		G/21 642	A-1 AUX			22E-0-3090	
	FUNCTION/SERVICE-										



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CI	1CB100	MCB-FIRE DETECT. PNL			B/M3782C		K/17 642			A-1 AUX		22E-0-3090	
CI	1CB101	MCB-FIRE DETECT. PNL			B/M3782C		K/17 642			A-1 AUX		22E-0-3090	
CI	1CB012	MCB-BOP PORTION OF ESF	WE		X-2200S	382557	G/23 642			A-1 AUX		22E-0-3090	
CI	1CB013	MCB-PROCESS RAD. MON. CAB.	WE		X-2200S	382557	G/23 642			A-1 AUX		22E-0-3090	
CI	1CB038	DC CONTROL DIST. CAB 112	FISH-H		X-2329	119387	H/30 642			A-1 AUX		22E-0-3089	
CI	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2250	103869	J/31 617			A-3 AUX		22E-1-3203	
CI	OCB004	GENERAL SERV. PANEL	HARLO		X-2291		G/20 642			A-1 AUX	E12945 SH. 8	22E-0-3083	
CI	OCB009	FIRE DETECT. PANEL			B/M3782C		K/17 642			A-1 AUX		22E-0-3090	
CI	OCB010	FIRE DETECT. PANEL			B/M3782C		K/17 642			A-1 AUX		22E-0-3090	
CI	OLP04	LIQ. RADWST. EVAP. PANEL	AQUA-CHEM.		X-2264		G/20 642			A-1 AUX	627-D-8181	22E-0-3068	
CI	OLP05	LIQ. WASTE DISP. PANEL	FOX-BORO		X-2317		K/20 642			A-1 AUX	EB18-FA-1	22E-0-3068	



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CI	OLP64	FIRE DETECT. PANEL			B/M3782C		H/32 592		A-5 AUX		22E-1-3202	
		FUNCTION/SERVICE-										
CI	1ABC 98	JUNCTION BOX					J/33 592		A-5 AUX		22E-1-3202	
		FUNCTION/SERVICE-AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 1B AIR INTAKE										
CI	1AB0599	JUNCTION BOX					J/33 592		A-5 AUX		22E-1-3202	
		FUNCTION/SERVICE-AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 1B AIR INTAKE										
CI	1AB0642	JUNCTION BOX					J/32 592		A-5 AUX		22E-1-3202	
		FUNCTION/SERVICE-AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 0 AIR INTAKE										
CI	1AB0645	JUNCTION BOX					J/32 592		A-5 AUX		22E-1-3202	
		FUNCTION/SERVICE-AIRCRAFT CRASH FIRE DETECTION SYS DIESEL GENERATOR 0 AIR INTAKE										
CI	1AP013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617		A-3 AUX	591F616 /	22E 1-3203	Q007
		FUNCTION/SERVICE-CONTROL INTERLOCK FOR FP SYS										
CI	1AP014	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33		A-3 AUX	591F616 /	22E 1-3203	Q008
		FUNCTION/SERVICE-POWER SUPPLY TO FIRE WATER PUMP 0A										
CI	1AP015	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34		A-3 AUX	591F616 /	22E 1-3203	Q009
		FUNCTION/SERVICE-CONTROL INTERLOCK FOR FP SYS										
CI	1AP031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560		A-3 AUX		22E-0-3059	Q014
		FUNCTION/SERVICE-CONTROL INTERLOCK FOR FP SYS										
CI	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617		A-3 AUX		22E-1-3203	Q015
		FUNCTION/SERVICE CONTROL INTERLOCK FOR FP SYS										
CI	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560		A-7 AUX		22E-0-3056	Q016
		FUNCTION/SERVICE- POWER SUPPLY FOR AUX BLDG FLOOR DRAIN SUMP B PUMP 0C & AUX BLDG EQUIP DRAIN COLLECTION TANK 0B PUMP 0C										

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CI 1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A-7 AUX		75C247958 SH.20	22E-0-3051	0018
				FUNCTION/SERVICE-POWER SUPPLY FOR BD SYS VLVS 1MOV-BD0009,10							
CI 1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	0019
				FUNCTION/SERVICE- POWER SUPPLY RADWASTE EVAP SYS HEAT TRACING FEED							
CI 1CB008	MCB-ESF DIV 17	HARLO		X-22005	382557	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	S025
				FUNCTION/SERVICE- CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE-							
CI 1CB009	MCB-ESF DIV 18	HARLO		X-22005	382557	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	S026
				FUNCTION/SERVICE- CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE-							
CI 1CB011	MCB-ESF CONT ISOL	HARLO		X-2291	109918	K/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	S028
				FUNCTION/SERVICE- CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE- CONT & INDIC FOR CONTMT ISOL VALVES							
				FUNCTION/SERVICE- CONT & INDIC FOR CONTMT ISOL VALVES							
				FUNCTION/SERVICE- CONT & INDIC FOR CONTMT ISOL VALVES							
				FUNCTION/SERVICE- CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
				FUNCTION/SERVICE-							
CI 1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP.		X-2322		G/26 642	A-1 AUX		303211 SH.1&2	22E-0-3089	S030
				FUNCTION/SERVICE- CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
CI 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3 AUX		E13064-SH01A	22E-1-3203	T001
				FUNCTION/SERVICE- AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE-							
				FUNCTION/SERVICE- AUX RELAY CAB FOR CONTMT ISOL VALVE CONTROL							
				FUNCTION/SERVICE- AUX RELAY CAB FOR CONTMT ISOL VLV CONTROL							

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LFLV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.	X-2305 AUX RELAY CAB FOR CONTM ISOL VALVE CONTROL	123159	H/30 617	A-3 AUX	E 13064-SHO1D	22E-1-3203	T002	
CI 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.	X-2305 AUX RELAY CAB FOR CONTM ISOL VALVE CONTROL	123159	J/32 617	A-3 AUX	E 13064-SHO1B	22E-1-3203	T003	
CI 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.	X-2305 AUX RELAY CAB FOR CONTM ISOL VALVE CONTROL	123159	H/32 617	A-3 AUX	E 13064-SHO1E	22E-1-3203	T004	
CS 1MOV-C5002	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5003	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5004	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5005	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5006	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5007	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5002	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		
CS 1MOV-C5003	VALVE MOTOR OPERATOR	LIMIT SME-00	X-2297 ACTUATES VALVE/CS PUMP DISCH.	109913	P/21 569'-0"	A13 AUX	N/A 02-404-0008	M-44		



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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CUL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS 1MDV-CS004	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	P/21 569'-0"	A13 AUX	N/A	02-404-0008	M-44	
		FUNCTION/SERVICE: ACTUATES VALVE/CS PUMP DISCH.									
CS 1MDV-CS005	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	P/21 569'-0"	A13 AUX	N/A	02-404-0008	M-44	
		FUNCTION/SERVICE: ACTUATES VALVE/CS PUMP DISCH.									
CS 1MDV-CS006	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/22 569'-0"	A13 AUX	N/A	02-404-0008	M-44	
		FUNCTION/SERVICE: ACTUATES VALVE/CS PUMP DISCH.									
CS 1MDV-CS007	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/22 569'-0"	A13 AUX	N/A	02-404-0008	M-44	
		FUNCTION/SERVICE: ACTUATES VALVE/CS PUMP DISCH.									
CS 1AB0357	JUNCTION BOX					P/23 560	A13 AUX			22E-0-3059	
		FUNCTION/SERVICE- CONTMT SPRAY PUMP 1C DIESEL CONTROLS									
CS 1K-1067	JUNCTION BOX		EB214D			N/23 560	A13 AUX			22E-1-3407	
		FUNCTION/SERVICE- CONTMT SPRAY PUMP 1A INBD & OUTBD THERMOCOUPLES 1TE-CS01A,B									
		FUNCTION/SERVICE- EDUCTOR 1A SUCTION FLOW TRANSMITTER 1FT-CS01B									
		FUNCTION/SERVICE- EDUCTOR 1A WATER INLET FLOW CONT VLV 1FCV-CS01									
		FUNCTION/SERVICE- CONTMT SPRAY PUMP DISCH FLOW TRANSMITTER 1FT-CS01A									
CS 1K-1068	JUNCTION BOX		EB214E			N/23 560	A13 AUX			22E-1-3407	
		FUNCTION/SERVICE- CONTMT SPRAY PUMP 1B INBD & OUTBD THERMOCOUPLES 1TE-CS02A,B									
		FUNCTION/SERVICE- EDUCTOR 1B SUCTION FLOW TRANSMITTER 1FT-CS02B									
		FUNCTION/SERVICE- EDUCTOR 1B WATER INLET FLOW CONT VLV 1FCV-CS02									
		FUNCTION/SERVICE- CONTMT SPRAY PUMP 1B DISCH FLOW TRANSMITTER 1FT-CS02A									
		FUNCTION/SERVICE- EDUCTOR 1A, 1B, 1C SPRAY ADDITIVE FLOW TRANSMITTERS 1FT-CS06,7,8									
CS 1K-1069	JUNCTION BOX		EB214B			P/23 560	A13 AUX			22E-1-3407	
		FUNCTION/SERVICE- EDUCTOR 1C WATER INLET FLOW CONT VLV 1FCV-CS03									
		FUNCTION/SERVICE- CONTMT SPRAY PUMP 1C DISCH FLOW TRANSMITTER 1FT-CS03A									
		FUNCTION/SERVICE- EDUCTOR 1C SUCTION FLOW TRANSMITTER 1FT-CS03B									
CS 1AB0357	JUNCTION BOX					P/23 560	A13 AUX			22E-0-3059	
		FUNCTION/SERVICE- CONTMT SPRAY PUMP 1C DIESEL CONTROLS									

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CS 1K-1067	JUNCTION BOX		EB214D			N/23 560		A13 AUX		22E-1-3407	
			FUNCTION/SERVICE-	CONTMT SPRAY PUMP 1A							
			FUNCTION/SERVICE-	EDUCTOR 1A SUCTION FLOW TRANSMITTER							
			FUNCTION/SERVICE-	EDUCTOR 1A WATER INLET FLOW CONT VLV							
			FUNCTION/SERVICE-	CONTMT SPRAY PUMP DISCH FLOW TRANSMITTER							
CS 1K-1068	JUNCTION BOX		EB214E			N/23 560		A13 AUX		22E-1-3407	
			FUNCTION/SERVICE-	CONTMT SPRAY PUMP 1B INBD & OUTBD THERMOCOUPLES							
			FUNCTION/SERVICE-	EDUCTOR 1B SUCTION FLOW TRANSMITTER							
			FUNCTION/SERVICE-	EDUCTOR 1B WATER INLET FLOW CONT VLV							
			FUNCTION/SERVICE-	CONTMT SPAY PUMP 1B DISCH FLOW TRANSMITTER							
			FUNCTION/SERVICE-	EDUCTOR 1A, 1B, 1C SPRAY ADDITIVE FLOW TRANSMITTERS							
CS 1K-1069	JUNCTION BOX		EB214B			P/23 560		A13 AUX		22E-1-3407	
			FUNCTION/SERVICE-	EDUCTOR 1C WATER INLET FLOW CONT VLV							
			FUNCTION/SERVICE-	CONTMT SPRAY PUMP, 1C DISCH FLOW TRANSMITTER							
			FUNCTION/SERVICE-	EDUCTOR 1C SUCTION FLOW TRANSMITTER							
CS 1CB008	MCB-ESF DIV 17	WE		X-22005 382557		H/23 642		A-1 AUX		22E-0-3090	
			FUNCTION/SERVICE-	CONT & INDIC FOR CS SYS PUMP & VLVS							
CS 1CB009	MCB-ESF DIV 18	WE		X-22005 382557		H/23 642		A-1 AUX		22E-0-3090	
			FUNCTION/SERVICE-	CONT & INDIC FOR CS SYS PUMP & VLVS							
CS 1CB010	MCB-ESF DIV 19	WE		X-22005 382557		H/23 642		A-1 AUX		22E-0-3090	
			FUNCTION/SERVICE-	CONT & INDIC FOR CS SYS VALVES							
CS 1CB012	MCB-BOP PORTION OF ESF	WE		X-22005 382557		G/23 642		A-1 AUX		22E-0-3090	
			FUNCTION/SERVICE-								
CS 1CB015	MCB-ENG. SAFE. DIV. 1B	WE		X-22005 382557		F/23 642		A-1 AUX		22E-0-3090	
			FUNCTION/SERVICE-								
CS 1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005 382557		H/26 642		A-1 AUX		22E-0-3089	
			FUNCTION/SERVICE-								

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CS 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3	AUX		2EE-1-3203	
		FUNCTION/SERVICE-									
CS 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A-3	AUX		2EE-1-3203	
		FUNCTION/SERVICE-									
CS 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-3	AUX		2EE-1-3203	
		FUNCTION/SERVICE-									
CS 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A-3	AUX		2EE-1-3203	
		FUNCTION/SERVICE-									
CS 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A-3	AUX		2EE-1-3203	
		FUNCTION/SERVICE-									
CS 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A-3	AUX		2EE-1-3203	
		FUNCTION/SERVICE-									
CS 1LP30	CONTMT SPRY PU 1C CON.PNL	DRESS. INDUS.		X-2247	105582	N/21 560	A-7	AUX		22E-0-3059	
		FUNCTION/SERVICE-									
CS 1CS001	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/22 560'-0"	A13	AUX	N/A	FC-45790	M-44 A751
		FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 1A									
CS 1CS002	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/22 560'-0"	A13	AUX	N/A	FC-45790	M-44 A751
		FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 1E									
CS 1CS001	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/22 560'-0"	A13	AUX	N/A	FC-45790	M-44 A751
		FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 1A									

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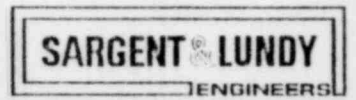
PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET	MODEL NUMBER	PROCURE SPEC	C.E.C.D. P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	BUILD LEV	F.I.D. N/A	VENDOR DRAWING	S&L DRAWING	COMP NO
CS 1CS002	CS PUMP MOTOR UNIT	WEST. FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/22 560'-0"	A13 AUX	N/A	N/A	FC-45790	M-44	A751
			FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 1B								
CS 1CS003	CS PUMP DIESEL DRIVN	CUMMIN VTA-1710-P700	X-2247	105582	N/22 560'-0"	A13 AUX	N/A	1707-D		M-44	A752
			FUNCTION/SERVICE-ACTUATES PUMP/CS PUMP 1C								
CS 1CS003	CS PUMP DIESEL DRIVN	CUMMIN VTA-1710-P700	X-2247	105582	N/22 560'-0"	A13 AUX	N/A	1707-D		M-44	A752
			FUNCTION/SERVICE-ACTUATES PUMP/CS PUMP 1C								
CS 1MOV-CS008	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	109913	M/23 567'-0"	A13 AUX	N/A	02-403-0001-3		M-44	A753
			FUNCTION/SERVICE-EDUCTOR 1A SUCTION FROM SPRAY ADDITIVE TANK/								
CS 1MOV-CS009	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	109913	N/23 567'-0"	A13 AUX	N/A	02-403-0001-3		M-44	A753
			FUNCTION/SERVICE-EDUCTOR 1B SUCTION FROM SPRAY ADDITIVE TANK/								
CS 1MOV-CS010	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	109913	N/23 567'-0"	A13 AUX	N/A	02-403-0001-3		M-44	A753
			FUNCTION/SERVICE-EDUCTOR 1C SUCTION FROM SPRAY ADDITIVE TANK/								
CS 1MOV-CS008	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	109913	M/23 567'-0"	A13 AUX	N/A	02-403-0001-3		M-44	A753
			FUNCTION/SERVICE-EDUCTOR 1A SUCTION FROM SPRAY ADDITIVE TANK/								
CS 1MOV-CS009	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	109913	N/23 567'-0"	A13 AUX	N/A	02-403-0001-3		M-44	A753
			FUNCTION/SERVICE-EDUCTOR 1B SUCTION FROM SPRAY ADDITIVE TANK/								
CS 1MOV-CS010	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	109913	N/23 567'-0"	A13 AUX	N/A	02-403-0001-3		M-44	A753
			FUNCTION/SERVICE-EDUCTOR 1C SUCTION FROM SPRAY ADDITIVE TANK/								
CS 1MOV-CS049	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	L/2 554'-0"		A11 AUX	N/A	02-408-0009-3		M-44	A754
			FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH 1A								
CS 1MOV-CS050	VALVE MOTOR OPERATOR	LIMIT SMB-000	X-2297	M/2 554'-0"		A11 AUX	N/A	02-408-0009-3		M-44	A754
			FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A								



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								IN	OUT				
CS	1MDV-CS049	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297		L/2 554'-0''	A11	AUX	N/A	02-40B-0009-3	M-44	A754
CS	1MDV-CS050	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297		M/2 554'-0''	A11	AUX	N/A	02-40B-0009-3	M-44	A754
CS	1FT-CS01A	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/22 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS01B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44M-295	MO01
CS	1FT-CS02A	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS02B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS03A	FLOW TRANSMITTER	F&P	10B2496	X-2316		P/23 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS03B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS01A	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/22 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS01B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44M-295	MO01
CS	1FT-CS02A	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44, M-295	MO01
CS	1FT-CS02B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A		M-44, M-295	MO01



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CS	1FT-CS03A	FLOW TRANSMITTER	F&P	10B2496	X-2316		P/23 560'-0''	A13 AUX	N/A		M-44, M-295	MO01
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 1C DISCH.									
CS	1FT-CS03B	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13 AUX	N/A		M-44, M-295	MO01
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 1C SUCTION FLOW									
CS	1PT-CS19	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 617'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH.1									
CS	1PT-CS20	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 617'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH.2									
CS	1PT-CS21	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 560'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE: INITIATE SPRAY/CONTAINMENT PRESS. CH.3									
CS	1PT-CS22	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 560'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE: INITIATE SPRAY/CONTAINMENT PRESS. CH.4									
CS	1PT-CS19	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 617'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH.1									
CS	1PT-CS20	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 617'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH.2									
CS	1PT-CS21	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 560'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE: INITIATE SPRAY/CONTAINMENT PRESS. CH.3									
CS	1PT-CS22	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/23 560'-0''	A13 AUX	N/A		M-44, M-288	MO02
			FUNCTION/SERVICE: INITIATE SPRAY/CONTAINMENT PRESS. CH.4									
CS	1FT-CS06	FLOW TRANSMITTER	F&P	10B2496	X-2316		M/23 560'-0''	A13 AUX	N/A		M-44, M-296	MO04
			FUNCTION/SERVICE: SPRAY ADD. 1A FLOW INDICATION & ALARM/EDUCTOR 1A SPRAY ADDITIVE									
CS	1FT-CS07	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13 AUX	N/A		M-44, M-296	MO04
			FUNCTION/SERVICE: SPRAY ADD. 1B FLOW INDICATION & ALARM/EDUCTOR 1B SPRAY ADDITIVE									

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CS	1FI-CS08	FLOW TRANSMITTER	F&P	10B2496	X-2316		P/23 560'-0''	A13 AUX	N/A		M-44 , M-296	MO04
												FUNCTION/SERVICE: SPRAY ADD. 1C FLOW INDICATION & ALARM/EDUCTOR 1C SPRAY ADDITIVE
CS	1FI-CS01A	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1A DISCH
CS	1FI-CS01B	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1A DISCH
CS	1FI-CS02A	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1B DISCH
CS	1FI-CS02B	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1B DISCH
CS	1FI-CS03A	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1C DISCH
CS	1FI-CS03B	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 1C DISCH
CS	1PI-CS19	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 1
CS	1PI-CS20	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 2
CS	1PI-CS21	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 3
CS	1PI-CS22	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 4
CS	1PI-CS19	PRESSURE INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A1 AUX	N/A		M-44	MO04
												FUNCTION/SERVICE: CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH. 4

COMPONENT/EQUIPMENT IDENTIFICATION SHEET												
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
CS	1FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A	M-44	MO04
FUNCTION/SERVICE: SPRAY ADDITIVE 1A FLOW INDICATION/EDUCTOR 1A SPRAY ADDITIVE												
CS	1FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A	M-44	MO04
FUNCTION/SERVICE: SPRAY ADDITIVE 1B FLOW INDICATION/EDUCTOR 1A SPRAY ADDITIVE												
CS	1FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A	M-44	MO04
FUNCTION/SERVICE: SPRAY ADDITIVE 1C FLOW INDICATION/EDUCTOR 1A SPRAY ADDITIVE												
CS	1FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A1	AUX	N/A	M-44	MO04
FUNCTION/SERVICE: SPRAY ADDITIVE 2A FLOW INDICATION/EDUCTOR 2A SPRAY ADDITIVE												
CS	1FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A1	AUX	N/A	M-44	MO04
FUNCTION/SERVICE: SPRAY ADDITIVE 2B FLOW INDICATION/EDUCTOR 2B SPRAY ADDITIVE												
CS	1FI-CS06	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A1	AUX	N/A	M-44	MO04
FUNCTION/SERVICE: SPRAY ADDITIVE 2C FLOW INDICATION/EDUCTOR 2C SPRAY ADDITIVE												
CS	1FT-CS06	FLOW TRANSMITTER	F&P	10B2496	X-2316		M/23 560'-0''	A13	AUX	N/A	M-44	M-296 MO04
FUNCTION/SERVICE: SPRAY ADD. 1A FLOW INDICATION & ALARM/EDUCTOR 1A SPRAY ADDITIVE												
CS	1FT-CS07	FLOW TRANSMITTER	F&P	10B2496	X-2316		N/23 560'-0''	A13	AUX	N/A	M-44	M-296 MO04
FUNCTION/SERVICE: SPRAY ADD. 1B FLOW INDICATION & ALARM/EDUCTOR 1B SPRAY ADDITIVE												
CS	1FT-CS08	FLOW TRANSMITTER	F&P	10B2496	X-2316		P/23 560'-0''	A13	AUX	N/A	M-44	M-296 MO04
FUNCTION/SERVICE: SPRAY ADD. 1C FLOW INDICATION & ALARM/EDUCTOR 1C SPRAY ADDITIVE												
CS	1APO06	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A-3	AUX	33-45122-E-31	22E 1-3203	Q001
FUNCTION/SERVICE- POWER SUPPLY FOR CONTMT SPRAY PUMP 1A												
CS	1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A-3	AUX	33-45122-E-32	22E 1-3203	Q002
FUNCTION/SERVICE- POWER SUPPLY FOR CONTMT SPRAY PUMP 1B												
CS	1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3	AUX		22E-1-3203	Q013
FUNCTION/SERVICE- POWER SUPPLY FOR CS SYS PUMP 1A CONTROL												

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS 1A035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560		A-7 AUX		22E-0-3056	0014
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0009, -CS0004							
CS 1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617		A-7 AUX		22E-0-3059	0016
			FUNCTION/SERVICE-	CONTROL INTERLOCK FOR VLV 1MOV-CS0049							
CS 1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542		A-7 AUX		22E-0-3051	0017
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0008, -CS0002, -CS0003							
S 1A090	480V MCC ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3 AUX		22E-1-3203	0019
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS PUMP 1B CONTROL							
CS 1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560		A-7 AUX		22E-0-3056	0020
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0005, -CS0050							
CS 1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560		A-7 AUX		22E-0-3059	0021
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0049							
CS 1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560		A-7 AUX		22E-0-3059	0022
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLVS 1MOV-CS0006, -CS0007, -CS0010							
CS 1A055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-45B 19		X-2329	119387	P/20 560		A-7 AUX		22E-0-3059	0035
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS MOV HTRS							
CV 1A0456	JUNCTION BOX					G/20 630		A-4 AUX		22E-0-3083	
			FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
			FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OBS							
			FUNCTION/SERVICE-	SERVICE WATER BOOSTER PUMP 1SOL VLV OMOV-SW006							
CV 1A0457	JUNCTION BOX					G/20 630		A-4 AUX		22E-0-3083	
			FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
			FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OAS							
			FUNCTION/SERVICE-	SERVICE WATER PUMP 1C & BOOSTER PUMP OB PRES SW 1PSL-SW148							
CV 1A0592	JUNCTION BOX					K/17 642		A-1 AUX		22E-0-3090	
			FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
			FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OBS, OAS, OCS							

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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD EUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
	CV OCV001	VENT FAN MOTOR	GE	48C9-1170-30 /286 TCZ FRM	X-2276		BB/101 594'-0''	P1 CRIB	ABV		M-82	H001
				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
	CV OCV002	VENT FAN MOTOR	GE	48C9-1170-30 /286 TCZ FRM	X-2276		BB/101 594'-0''	P1 CRIB	ABV		M-81	H001
				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
	CV OCV003	VENT FAN MOTOR	GE	48C9-1170-30 /286 TCZ FRM	X-2276		CC/101 594'-0''	P1 CRIB	ABV		M-82	H001
				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
	CV OCV004	VENT FAN MOTOR	GE	48C9-1170-30 /286 TCZ FRM	X-2276		CC/113 594'-0''	P1 CRIB	ABV		M-82	H001
				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
	CV OCV005	VENT FAN MOTOR	GE	48C9-1170-30 /286 TCZ FRM	X-2276		BB/113 594'-0''	P1 CRIB	ABV		M-82	H001
				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
	CV OCV006	VENT FAN MOTOR	GE	48C9-1170-30 /286 TCZ FRM	X-2276		BB/113 594'-0''	P1 CRIB	ABV		M-82	H001
				FUNCTION/SERVICE: SERVICE WATER PUMPS/TEMPERATURE CONTROL								
	CV OCV028	STANDBY COMPRESSOR MOTOR	WEST	FT A-4/.5 HP	X-2286		CC/105 594'-0''	P1 CRIB	ABV			H002
				FUNCTION/SERVICE: CRIBHOUSE CONTROLS/AIR COMPRESSOR								
	CV OCV029	STANDBY COMPRESSOR MOTOR	WEST	FT A-4/.5 HP	X-2286		CC/105 594'-0''	P1 CRIB	ABV			H002
				FUNCTION/SERVICE: CRIBHOUSE CONTROLS/AIR COMPRESSOR								
	CV OTS-CV07	TEMPERATURE SWITCH	PENN	134	X-2286			P1 CRIB	ABV			I101
				FUNCTION/SERVICE: SERVICE WATER PUMP NORTH AREA TEMP. SWITCH								
	CV OTS-CV11	TEMPERATURE SWITCH	PENN	134	X-2286			P1 CRIB	ABV			I101
				FUNCTION/SERVICE: SERVICE WATER PUMP NORTH AREA TEMP. SWITCH								
	CV 1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX			22E-1-3203	0013
				FUNCTION/SERVICE: POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OCS OCV006								
	DC 1CB006	MCB-REACTOR CONTROL	WE		X-2200S	382557	K/23 642	A-1 AUX			22E-0-3090	
				FUNCTION/SERVICE:								

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PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
DC 1CB007	MCB-C&VC SYS	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
DC 1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
DC 1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
DC 1CB011	MCB- CONT ISOL	HARLO		X-2291	109918	K/23 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
DC 1CB050	ANNUN INPUT RLY LOGIC CAB	WE		X-2322		G/26 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
DC 1CB095	ESS LOGIC TEST CAB	HARLO CORP		X-2305	123519	H/29 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
DC 1LP07	DIESEL GEN O CONTROL	COOPER BESSEMER		X-2246	105573	G/32 592		A-5 D.G.		22E-1-3202	
											FUNCTION/SERVICE-
DC 1LP09	DIESEL GEN 1A CONTROL	COOPER BESSEMER		X-2246	105573	H/33 592		A-5 D.G.		22E-1-3202	
											FUNCTION/SERVICE-
DC 1LP11	DIESEL GEN 1B CONTROL	COOPER BESSEMER		X-2246	105573	H/34 592		A-5 D.G.		22E-1-3202	
											FUNCTION/SERVICE-
DC 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617		A-3 AUX		2EE-1-3203	
											FUNCTION/SERVICE-
DC 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617		A-3 AUX		2EE-1-3203	
											FUNCTION/SERVICE-
DC 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617		A-3 AUX		2EE-1-3203	
											FUNCTION/SERVICE-

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
DC	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP		X-2305	123159	J/33 617	A-3 AUX			2EE-1-3203	
DC	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP		X-2305	123159	H/33 617	A-3 AUX			2EE-1-3203	
DC	OCB004	GENERAL SERV. PANEL	HARLO		X-2291		G/20 642	A-1 AUX		E12945 SH.8	22E-0-3083	
DC	OCB006	DATA ACQUIS. CABINET				CECO	L/23 642	A-1 AUX			22E-1-3417	
DC	OLP51	125V DC DIST CNTR 011-1	GE		X-2326	119389	G/9 592	A-2 D.G.			22E-2-3202	
DC	OLP52	125V DC DIST CNTR 011-2	GE		X-2326	119389	G/9 592	A-2 D.G.			22E-2-3202	
DC	OLP59	BATT CHRGR 011 AC SUPPLY BRKR CONT STA	GE		X-2329	119387	G/9 592	A-2 D.G.			22E-2-3202	
DC	1AB0517	JUNCTION BOX					K/28 630	A-4 AUX			22E-0-3102	
DC	1AB0521	JUNCTION BOX					J/28 630	A-4 AUX			22E-0-3102	
DC	1AB0526	JUNCTION BOX					K/26 630	A-4 AUX			22E-0-3102	
DC	1AB0527	JUNCTION BOX					J/28 630	A-4 AUX			22E-0-3102	
DC	1AB0528	JUNCTION BOX					J/26 630	A-4 AUX			22E-0-3102	

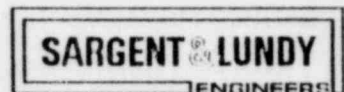
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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
DC	1AP006	4160V SWGR, ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E 1-3203	0001
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL			POWER SUPPLY				
DC	1AP007	4160V SWGR, ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E 1-3203	0002
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL			POWER SUPPLY				
DC	1AP008	4160V SWGR, ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-33	22E 1-3203	0003
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL			POWER SUPPLY				
DC	1AP013	480V SWGR, ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A-3 AUX		591F616 /	22E 1-3203	0007
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL			POWER SUPPLY				
DC	1AP014	480V SWGR, ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33	A-3 AUX		591F616 /	22E 1-3203	0008
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL			POWER SUPPLY				
DC	1AP015	480V SWGR, ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34	A-3 AUX		591F616 /	22E 1-3203	0009
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL			POWER SUPPLY				
DG	OLP33						G/31	A-5 D.G.			22E-1-3202	
				FUNCTION/SERVICE-								
DG	1AB0259	JUNCTION BOX	COOP-B				H/30 592	A-5 AUX		KSV 102-6	22E-1-3202	
				FUNCTION/SERVICE-	DIESEL GENERATOR 0			SPEED & VOLTAGE CONTROL				
DG	1AB0260	JUNCTION BOX	COOP-B				J/31 592	A-5 AUX		KSV 102-6	22E-1-3202	
				FUNCTION/SERVICE-	DIESEL GENERATOR 0			SPEED & VOLTAGE CONTROL				
DG	1AB0262	JUNCTION BOX	COOP-B				H/32 592	A-5 AUX		KSV 102-6	22E-1-3202	
				FUNCTION/SERVICE-	DIESEL GENERATOR 1A			SPEED & VOLTAGE CONTROL				
DG	1AB0263	JUNCTION BOX	COOP-B				J/32 592	A-5 AUX		KSV 102-6	22E-1-3202	
				FUNCTION/SERVICE-	DIESEL GENERATOR 1A			CONTROL				
DG	1AB0265	JUNCTION BOX	COOP-B				H/34 592	A-5 AUX		KSV 102-6	22E-1-3202	
				FUNCTION/SERVICE-	DIESEL GENERATOR 2A			SPEED & VOLTAGE CONTROL				

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COMPONENT/EQUIPMENT ID SHEET												
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
DG	1AB0266	JUNCTION BOX	COOP-B				J/34 592		A-5 AUX	KSV 102-6	22E-1-3202	
				FUNCTION/SERVICE-		DIESEL GENERATOR			1B CONTROL			
DG	1AB0673	JUNCTION BOX					H/33 592		A-5 AUX		22E-1-3202	
				FUNCTION/SERVICE-		DIESEL GENERATOR			O LUBE OIL HEATER			
DG	1AB0674	JUNCTION BOX					H/33 592		A-5 AUX		22E-1-3202	
				FUNCTION/SERVICE-		DIESEL GENERATOR			1A LUBE OIL HEATER			
DG	1AB0675	JUNCTION BOX					H/33 592		A-5 AUX		22E-1-3202	
				FUNCTION/SERVICE-		DIESEL GENERATOR			1B LUBE OIL HEATER			
DG	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617		A-3 AUX		22E-1-3203	
				FUNCTION/SERVICE-		POWER SUPPLY FOR			DG O START AIR COMPRESSOR			
									GE & OW AND LUBE OIL HTR			(1DG006)
DG	1AP031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560		A-3 AUX		22E-0-3059	
				FUNCTION/SERVICE-		POWER SUPPLY FOR			DG 1A START AIR COMPRESSOR			
									1AE & 1AW AND LUBE OIL HTR			(1DG004)
DG	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/31 617		A-3 AUX		22E-1-3203	
				FUNCTION/SERVICE-		POWER SUPPLY FOR			DG 1B START AIR COMP'R			
									1BE, W & PRELUBE OIL PMP & HTR			(1DG005)
DG	1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3 AUX		22E-1-3203	
				FUNCTION/SERVICE-		POWER SUPPLY FOR			DG 1A PRELUBE OIL PUMP			
DG	1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
				FUNCTION/SERVICE-								
DG	1CB033	ESF SAF ACT LOGIC B	WE		X-22005	382557	H/27 642		A-1 AUX		22E-0-3089	
				FUNCTION/SERVICE-								
DG	1CB035	NSSS AUX RLY RACK	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
				FUNCTION/SERVICE-								
DG	1LP07	DIESEL GEN O CONTROL	COOPER BESSEMER		X-2246	105573	G/32 592		A-5 D.G.		22E-1-3202	
				FUNCTION/SERVICE-								

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SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CGL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
DG	1LP08	DIESEL GEN 0 DIESEL START	COOPER BESSEMER		X-2246	105573	H/32 592	A-5 AUX			22E-1-3202	
		FUNCTION/SERVICE- CONT & INDIC FOR DG SYS AIR COMPR PUMP & HTR										
DG	1LP09	DIESEL GEN 1A CONTROL	COOPER BESSEMER		X-2246	105573	H/33 592	A-5 D.G.			22E-1-3202	
		FUNCTION/SERVICE-										
DG	1LP10	DIESEL GEN 1A DIESEL START- UP	COOPER BESSEMER		X-2246	105573	H/33 592	A-5 AUX			22E-1-3202	
		FUNCTION/SERVICE- CONT & INDIC FOR DG SYS AIR COMPR HTR & PUMPS										
DG	1LP11	DIESEL GEN 1B CONTROL	COOPER		X-2246	105573	H/34 592	A-5 D.G.			22E-1-3202	
		FUNCTION/SERVICE-										
DG	1LP12		COOPER BESSEMER		X-2246	105573	H/33 592	A-5 AUX			22E-1-3202	
		FUNCTION/SERVICE- CONT & INDIC FOR DG SYS AIR COMPR'S & HTR										
DG	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3 AUX			2EE-1-3203	
		FUNCTION/SERVICE-										
DG	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/31 617	A-3 AUX			2EE-1-3203	
		FUNCTION/SERVICE-										
DG	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A-3 AUX			2EE-1-3203	
		FUNCTION/SERVICE-										
DG	1LP55	DIESEL GEN 1A NEUT CRD CAB	COOPER BESSEMER		X-2246	105573	G/33 592	A-5 D.G.			22E-1-3202	
		FUNCTION/SERVICE-										
DG	1LP56	DIESEL GEN 1B NEUT CRD CAB	COOPER BESSEMER		X-2246	105573	G/33 592	A-5 D.G.			22E-1-3202	
		FUNCTION/SERVICE-										
DG	1DG001	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/32 592'-0''	A5 AUX	N/A			D021
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR										
DG	1DG002	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/34 592'-0''	A5 AUX	N/A			D021
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR										

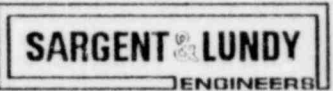
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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN	OUT BUILD	FID LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
DG 1DG003	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/31 592'-0''	A5	AUX	N/A			D021
FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR												
DG 1DG001	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/32 592'-0''	A5	AUX	N/A			D022
FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR												
DG 1DG002	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/34 592'-0''	A5	AUX	N/A			D032
FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR												
DG 1DG003	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/31 592'-0''	A5	AUX	N/A			D022
FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR												
DG 1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK-350	X-2240	103443	G/31 617	A-3	AUX		33-45122-E-31	22E 1-3203	Q001
FUNCTION/SERVICE: CONTROL INTERLOCK DG 0 LUBE OIL HEATER												
DG 1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK-350	X-2240	103443	G/33 617	A-3	AUX		33-45122-E-32	22E 1-3203	Q002
FUNCTION/SERVICE: CONTROL INTERLOCK DG 1A LUBE OIL HEATER												
DG 1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK-350	X-2240	103443	G/34 617	A-3	AUX		33-45122-E-33	22E 1-3203	Q003
FUNCTION/SERVICE: CONTROL INTERLOCK DG 1B LUBE OIL HEATER												
DO 1AB0159	JUNCTION BOX					H/32 570	A-5	AUX			22E-1-3201	
FUNCTION/SERVICE: DG TRANSFER PUMP OE												
DO 1AE0205	JUNCTION BOX					H/32 570	A-5	AUX			22E-1-3201	
FUNCTION/SERVICE: DG TRANSFER PUMP OW												
DO 0D0003	PUMP MOTOR UNIT OE	WEST	TBFC	X-2335	124315	H/32 569'-0''	A5	AUX	N/A	143T-E	M-38	D011
FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK												
DO 0D0004	PUMP MOTOR UNIT OW	WEST	TBFC	X-2335	124315	H/32 568'-0''	A5	AUX	N/A	143T-E	M-38	D011
FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK												
DO 1D0003	PUMP MOTOR UNIT 1AE	WEST	TBFC	X-2335	124315	H/33 568'-0''	A5	AUX	N/A	143T-E	M-38	D011
FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK												

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DO	100004	PUMP MOTOR UNIT 1AW	WEST	TBFC	X-2335	124315	H/33 568'-0''	A5 AUX	N/A	143T-E	M-38	DO11
					FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK							
DO	100005	PUMP MOTOR UNIT 1BE	WEST	TBFC	X-2335	124315	H/34 568'-0''	A5 AUX	N/A	143T-E	M-38	DO11
					FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK							
DO	100006	PUMP MOTOR UNIT 1EW	WEST	TBFC	X-2335	124315	H/34 568'-0''	A5 AUX	N/A	143T-E	M-38	DO11
					FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK							
DO	000015	PUMP MOTOR UNIT OA	WEST	TBFC	X-2335	124315	P/21 552'-0''	A7 AUX	N/A	213T-C	M-38	DO12
					FUNCTION/SERVICE: ACTUATES PUMP/FROM DIESEL OIL STORAGE TANK TO CONT. SPRAY PUMPS (DIESEL DRIVEN)							
DO	000016	PUMP MOTOR UNIT OB	WEST	TBFC	X-2335	124315	P/21 552'-0''	A7 AUX	N/A	213T-C	M-38	DO12
					FUNCTION/SERVICE: ACTUATES PUMP/FROM DIESEL OIL STORAGE TANK TO CONT. SPRAY PUMPS (DIESEL DRIVEN)							
DO	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX			22E-1-3203	0013
					FUNCTION/SERVICE: POWER SUPPLY FOR DG O OIL TRANSFER PUMP OE,W							
DO	1AP031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A-3 AUX			22E-0-3059	0014
					FUNCTION/SERVICE: POWER SUPPLY FOR DG 1A OIL TRANSFER PUMPS 100003,4							
DO	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX			22E-1-3203	0015
					FUNCTION/SERVICE: POWER SUPPLY FOR DG 1B OIL TRANSFER PUMPS 100005,6							
DO	1AP091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A-7 AUX			22E-0-3056	0020
					FUNCTION/SERVICE: POWER SUPPLY FOR DIESEL OIL TRANSFER PUMP 000015							
ES	1PI-ES14	PRESSURE INDICATOR	WEST	VX-252	X-2291		J/21 642'-0''	A1 AUX	N/A		M-24	N803
					FUNCTION/SERVICE: CONDENSER 1B PRESSURE INDICATION/CONDENSER 1B PRESSURE							
ES	1PR-ES01	RECORDER	HAGAN	100	X-2291		J/21 642'-0''	A1 AUX	N/A		M-24	N804
					FUNCTION/SERVICE: CONDENSER 1B PRESSURE RECORDING/CONDENSER 1B PRESSURE							
FW	1AP001	4160V SWGR. BUS 141	ITE	TYPE 5 HK-350	X-2240	103443	G/31 642	A-2 D.G.		33-45122-E-	22E 1-3205	
					FUNCTION/SERVICE-							



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FW	1A003	4160V SWGR. BUS 143	ITE	TYPE 5 HK- 350	X-2240	103443	H/32 642	A-2 D.G.		33-45122-E	22E-1-3205	
			FUNCTION/SERVICE-									
FW	1A091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A-7 AUX			22E-0-3056	
			FUNCTION/SERVICE-									
FW	1A092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-									
FW	1A093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-									
FW	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX			22E-1-3203	
			FUNCTION/SERVICE-									
FW	1A090	480V MCC ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	
			FUNCTION/SERVICE-									
FW	1CB005	MCB- FEEDWATER	HARLO		X-2291		K/22 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									
FW	1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									
FW	1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									
FW	1CB010	MCB-ESF DIV 19	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									
FW	1CB012	MCB-BOP PORTION OF ESF	WE		X-2200S	382557	G/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									
FW	1CB015	MCB-ENG. SAFE. DIV. 18	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									

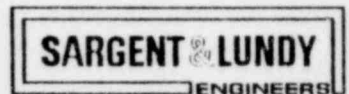
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*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
	FW 1CB026	PROC. I&C RACK PROT. SET 1	WE		X-22005	382557	G/28 642			A-1	AUX	22E-0-3089	
	FW 1CB027	PROC. I&C RACK PROT. SET 2	WE		X-22005	382557	G/27 642			A-1	AUX	22E-0-3089	
	FW 1CB028	PROC. I&C RACK PROT. SET 3	WE		X-22005	382557	K/28 642			A-1	AUX	22E-0-3089	
	FW 1CB029	PROC. I&C RACK PROT. SET 4	WE		X-22005	382557	K/13 642			A-1	AUX	22E-0-3089	
	FW 1CB030	REACTOR PROT. LOGIC A	WE		X-22005	382557	H/28 642			A-1	AUX	22E-0-3089	
	FW 1CB031	REACTOR PROT. LOGIC B	WE		X-22005	382557	H/27 642			A-1	AUX	22E-0-3089	
	FW 1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642			A-1	AUX	22E-0-3089	
	FW 1CB033	ESF SAF ACT LOGIC B	WE		X-22005	382557	H/27 642			A-1	AUX	22E-0-3089	
	FW 1CB035	NSSS AUX RLY RACK	WE		X-22005	382557	H/28 642			A-1	AUX	22E-0-3089	
	FW 1CB037	DC CONTROL DIST. CAB. 111	FISH-H		X-2329	119387	H/26 642			A-1	AUX	22E-0-3089	
	FW 1CB050	ANNUN INPUT RLY LOGIC CAB	WE		X-2322		G/26 642			A-1	AUX	22E-0-3089	
	FW 1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/26 642			A-1	AUX	22E-0-3089	

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FW	1CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB078	PROC I&C RACK CONT GR 2	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB079	PROC I&C RACK CONT GR 3	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB080	PROC I&C RACK CONT GR 4	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB087	INSTR DIST BUS 111	FISH-H		X-2329	119387	H/28 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB089	INSTR DIST BUS 112	FISH-H		X-2329	119387	K/28 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB091	INSTR DIST BUS 113	FISH-H		X-2329	119387	K/29 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB093	INSTR DIST BUS 114	FISH-H		X-2329	119387	K/29 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB094	ESS LOGIC TEST TR CAB	HARLO		X-2305	123159	G/29 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB095	ESS LOGIC TEST CAB	HARLO CORP		X-2305	123519	H/29 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB096	SAFEGUARDS TEST CAB A	WE		X-22005	382557	G/29 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-
FW	1CB097	SAFEGUARDS TEST CAB B	WE		X-22005	382557	G/29 642		A-1 AUX		22E-0-3089	
												FUNCTION/SERVICE-

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* SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	FW 1CB105	PROCESS C&I RACK					K/29 642		A-1 AUX		22E-0-3089	
*											FUNCTION/SERVICE-	
*	FW 1CB111	EMER. INST. TEST CAB					G/26 642		A-1 AUX		22E-0-3089	
*											FUNCTION/SERVICE-	
*	FW 1CM008								A-6 AUX		22E-1-3400	
*											FUNCTION/SERVICE-	
*	FW 1CM009								A-6 AUX		22E-1-3400	
*											FUNCTION/SERVICE-	
*	FW 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617		A-3 AUX		2EE-1-3203	
*											FUNCTION/SERVICE-	
*	FW 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617		A-3 AUX		2EE-1-3203	
*											FUNCTION/SERVICE-	
*	FW 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617		A-3 AUX		2EE-1-3203	
*											FUNCTION/SERVICE-	
*	FW 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617		A-3 AUX		2EE-1-3203	
*											FUNCTION/SERVICE-	
*	FW 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617		A-3 AUX		2EE-1-3203	
*											FUNCTION/SERVICE-	
*	FW 1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560		A-7 AUX		22E-0-3056	
*											FUNCTION/SERVICE-	
*	FW 1AP036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617		A-7 AUX		22E-0-3059	
*											FUNCTION/SERVICE-	
*	FW 1AP04G	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542		A-7 AUX		22E-0-3051	
*											FUNCTION/SERVICE-	

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FW	1FW001	PUMP MOTOR UNIT	WEST	CS-F S/N: 15-77	X-2205		E/22 617'-0''	T1	TURB	N/A		M-22	B753
FUNCTION/SERVICE: ACTUATES PUMP/MAIN FW PUMP 1A													
FW	1FW002	OIL PUMP MOTOR UNIT	WEST		X-2205		F/23 617'-0''	T1	TURB	N/A		M-22	B754
FUNCTION/SERVICE: ACTUATES PUMP/MAIN FW PUMP 1B OIL UNIT													
FW	1FW003	OIL PUMP MOTOR UNIT	WEST		X-2205		E/23 617'-0''	T1	TURB	N/A		M-22	B754
FUNCTION/SERVICE: ACTUATES PUMP/MAIN FW PUMP 1C OIL UNIT													
FW	1FT-FW02	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13	AUX	N/A		M-22, M-295	M206
FUNCTION/SERVICE: AUX FW TO SG A FLOW INDICATION & ALARM/AUX FW TO SG A													
FW	1FT-FW04	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13	AUX	N/A		M-22, M-295	M206
FUNCTION/SERVICE: AUX FW TO SG C FLOW INDICATION & ALARM/AUX FW TO SG C													
FW	1FT-FW25	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13	AUX	N/A		M-22, M-295	M206
FUNCTION/SERVICE: AUX FW TO SG D FLOW INDICATION & ALARM/AUX FW TO SG D													
FW	1FT-FW02	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13	AUX	N/A		M-22, M-295	M206
FUNCTION/SERVICE: AUX FW TO SG A FLOW INDICATION & ALARM/AUX FW TO SG A													
FW	1FT-FW04	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13	AUX	N/A		M-22, M-295	M206
FUNCTION/SERVICE: AUX FW TO SG C FLOW INDICATION & ALARM/AUX FW TO SG C													
FW	1FT-FW25	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/21 560'-0''	A13	AUX	N/A		M-22, M-295	M206
FUNCTION/SERVICE: AUX FW TO SG D FLOW INDICATION & ALARM/AUX FW TO SG D													
FW	1FT-FW03	FLOW TRANSMITTER	F&P	10B2495	X-2316		N/21 560'-0''	A13	AUX	N/A		M-22, M-291	M207
FUNCTION/SERVICE: AUX FW TO SG B FLOW INDICATION & ALARM/AUX FW TO SG B													
FW	1FT-FW03	FLOW TRANSMITTER	F&P	10B2495	X-2316		N/21 560'-0''	A13	AUX	N/A		M-22, M-291	M207
FUNCTION/SERVICE: AUX FW TO SG B FLOW INDICATION & ALARM/AUX FW TO SG B													
FW	1FI-FW02	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A			M209
FUNCTION/SERVICE: AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A													

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FW 1FI-FW03	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A			M209
				FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B								
FW 1FI-FW04	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A			M209
				FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C								
FW 1FI-FW25	FLOW INDICATOR	WEST	VX-252	X-2200		H/23 642'-0''	A1	AUX	N/A			M209
				FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D								
FW 1FI-0510A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-22	M209
				FUNCTION/SERVICE:SG A FW FLOW INDICATION/SG A FEEDWATER								
FW 1FI-0511	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-22	M209
				FUNCTION/SERVICE:SG A FW FLOW INDICATION/SG A FEEDWATER								
FW 1FI-0512	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-20	M209
				FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION/SG LOOP A STEAM								
FW 1FI-0513	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-20	M209
				FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION/SG LOOP A STEAM								
FW 1FI-0520A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-22	M209
				FUNCTION/SERVICE:SG C FW FLOW INDICATION/SG C FEEDWATER								
FW 1FI-0521	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-22	M209
				FUNCTION/SERVICE:SG C FW FLOW INDICATION/SG C FEEDWATER								
FW 1FI-0522	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-20	M209
				FUNCTION/SERVICE:SG LOOP C STEAM FLOW INDICATION/SG LOOP C STEAM								
FW 1FI-0523	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-20	M209
				FUNCTION/SERVICE:SG LOOP C STEAM FLOW INDICATION/SG LOOP C STEAM								
FW 1FI-0530A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A		M-22	M209
				FUNCTION/SERVICE:SG D FW FLOW INDICATION/SG D FEEDWATER								

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FW 1F1-0531	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG D FW FLOW INDICATION/SG D FEEDWATER										
FW 1F1-0532	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-20	M-20	M209	
		FUNCTION/SERVICE: SG LOOP D STEAM FLOW INDICATION/SG LOOP D STEAM										
FW 1F1-0533	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-20	M-20	M209	
		FUNCTION/SERVICE: SG LOOP D STEAM FLOW INDICATION/SG LOOP D STEAM										
FW 1F1-0540A	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG B FW FLOW INDICATION/SG B FEEDWATER										
FW 1F1-0541	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG B FW FLOW INDICATION/SG B FEEDWATER										
FW 1F1-0542	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-20	M-20	M209	
		FUNCTION/SERVICE: SG LOOP B STEAM FLOW INDICATION/SG LOOP B STEAM										
FW 1F1-0543	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-20	M-20	M209	
		FUNCTION/SERVICE: SG LOOP B STEAM FLOW INDICATION/SG LOOP B STEAM										
FW 1F1-0547	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL										
FW 1F1-0548	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL										
FW 1F1-0549	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG LOOP A LEVEL INDICATION/SG LOOP A LEVEL										
FW 1F1-0527	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL										
FW 1F1-0528	LEVEL INDICATOR	WEST VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A	M-22	M-22	M209	
		FUNCTION/SERVICE: SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL										



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FW	1LI-0529	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION/SG LOOP C LEVEL							
FW	1LI-0537	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL							
FW	1LI-0538	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL							
FW	1LI-0539	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL							
FW	1LI-0547	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL							
FW	1LI-0548	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL							
FW	1LI-0549	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-22	M209
					FUNCTION/SERVICE:SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL							
FW	1PI-FW18	PRESSURE INDICATOR	WEST	VX-252	X-2291		J/22 642'-0''	A1 AUX	N/A			M209
					FUNCTION/SERVICE:FW PUMP DISCH. PRESSURE INDICATION/FW PUMP DISCH. PRESSURE							
FW	1PI-0514A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION/SG A STEAM							
FW	1PI-0514A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION/SG A STEAM							
FW	1PI-0515	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION/SG A STEAM							
FW	1PI-0516A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION/SG A STEAM							

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FW	1PI-0524A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM							
FW	1PI-0525	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM							
FW	1PI-0526A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM							
FW	1PI-0534A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM							
FW	1PI-0535	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM							
FW	1PI-0536A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM							
FW	1PI-0544A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM							
FW	1PI-0545	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM							
FW	1PI-0546A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 542'-0''	A1 AUX	N/A		M-20	M209
					FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM							
FW	1PT-FW18	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2311		B/23 617'-0''	T1 TURB				M211
					FUNCTION/SERVICE: FW PUMP DISCHARGE PRESSURE INDICATION/FW PUMP DISCHARGE PRESSURE							
FW	1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E 1-3203	0002
					FUNCTION/SERVICE -							
FW	1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E 1-3203	0003
					FUNCTION/SERVICE -							



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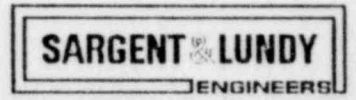
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	1A055	MOV HTRS-DIST. PNL-DIV 19	FISH-H	B/M-C-458	X-2329	119387	P/20 560	A-7	AUX		22E-0-3059	0035
IA	1CB095	ESS LOGIC TEST CAB	HARLO CORP.		X-2305	123519	H/29 642	A-1	AUX		22E-0-3089	
IA	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3	AUX	E13064-SH01A	22E-1-3203	T001
IA	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A-3	AUX	E13064-SH01E	22E-1-3203	T004
IP	1CB006	MCB-REACTOR CONTROL	WE		X-22005	382557	K/23 642	A-1	AUX		22E-0-3090	
IP	1CB007	MCB-C&VC SYS	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
IP	1CB008	MCB-ESF DIV 17	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
IP	1CB009	MCB-ESF DIV 18	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
IP	1CB010	MCB-ESF DIV 19	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
IP	1CB012	MCB-BOP PORTION OF ESF	WE		X-22005	382557	G/23 642	A-1	AUX		22E-0-3090	
IP	1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
IP	1CB033	ESF SAF ACT LOGIC B	WE		X-22005	382557	H/27 642	A-1	AUX		22E-0-3089	

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IP	1CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
IP	1CB077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
IP	1CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
IP	1CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
IP	1CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
IP	1CB087	INSTR DIST BUS 111	FISH-H		X-2329	119387	H/28 642		A-1 AUX		22E-0-3089	
IP	1CB089	INSTR DIST BUS 112	FISH-H		X-2329	119387	K/28 642		A-1 AUX		22E-0-3089	
IP	1CB091	INSTR DIST BUS 113	FISH-H		X-2329	119387	K/29 642		A-1 AUX		22E-0-3089	
IP	1CB093	INSTR DIST BUS 114	FISH-H		X-2329	119387	K/29 642		A-1 AUX		22E-0-3089	
IP	OLP52	125V DC DIST CNTR 011-2	GE		X-2326	119389	G/9 592		A-2 D.G.		22E-2-3202	
IP	1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617		A-3 AUX		22E-1-3203	0013
IP	1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617		A-3 AUX		22E-1-3203	0015

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IP 1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	0019
			FUNCTION/SERVICE-	POWER SUPPLY FOR INST DIST BUS 112; TRANSFORMER; INVERTER							
IW 1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
IW 1CB011	MCB- CONT ISOL	HARLO		X-2291	109918	K/23 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
IW 1PSL-IW05	PRESSURE SWITCH	UNITED ELECT.	J302-358	X-2242		L/23 560'-0''	A7 AUX	N/A		M-39,M-297	N501
			FUNCTION/SERVICE-	ISVW TK PRESSURE ALARM/IVSW TK NITROGEN PRESSURIZATION							
IW 1CB008	MCB-ESF DIV 17	HARLO		X-2200S	382557	H/23 642	A-1 AUX	E-12942 SH.B		22E-0-3090	5025
			FUNCTION/SERVICE-	CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES							
IW 1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A-3 AUX	E 13064-SH01D		22E-1-3203	T002
			FUNCTION/SERVICE-								
IW 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-3 AUX	E 13064-SH01B		22E-1-3203	T003
			FUNCTION/SERVICE-								
MS 1AB0543	JUNCTION BOX					H/29	A-7 AUX			22E-0-3056	
			FUNCTION/SERVICE-	MAIN STEAM LINE ISOL VALVE LOOP A							
MS 1AB0544	JUNCTION BOX					H/30	A-7 AUX			22E-0-3056	
			FUNCTION/SERVICE-	MAIN STEAM LINE ISOL VALVE LOOPS A,B,C,D							
MS 1AP046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A-7 AUX			22E-0-3051	
			FUNCTION/SERVICE-	POWER SUPPLY FOR MS SYS VLV 1MOV-MS0173							
MS 1AP091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560	A-7 AUX			22E-0-3056	
			FUNCTION/SERVICE-	POWER SUPPLY FOR MS SYS VLV 1MOV-MS0170							
MS 1AP093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-	POWER SUPPLY FOR MS SYS VLVS 1MOV-MS0171,-MS0172							

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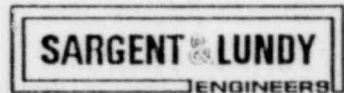
*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FID BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	1AB0255	JUNCTION BOX					H/33 630	A-4 AUX			22E-1-3207	
		FUNCTION/SERVICE-					STEAM DUMP CONTROL					
MS	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX			22E-1-3203	
		FUNCTION/SERVICE-					POWER SUPPLY FOR RMS SYS VLVS 1MOV-MS005, -MS0017					
MS	1AP031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A-3 AUX			22E-0-3059	
		FUNCTION/SERVICE-					POWER SUPPLY FOR MS SYS VLV 1MOV-MS0006					
MS	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX			22E-1-3203	
		FUNCTION/SERVICE-					PWR SUPPLY FOR MS SYS VLVS 1MOV-MS0002,3,11,19,20					
MS	1AP090	480V MCC ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	
		FUNCTION/SERVICE-					PWR SUPPLY FOR MS SYS VLVS 1MOV-MS0001, 1MOV-MS0018					
MS	1CB006	MCB-REACTOR CONTRDL	WE		X-2200S	382557	K/23 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-										
MS	1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-					CONT & INDIC FOR MS SYS VLVS					
MS	1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-					CONT & INDIC FOR MS SYS VLVS					
MS	1CB010	MCB-ESF DIV 19	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-					CONT & INDIC FOR MS SYS VLVS					
MS	1CB032	ESF SAF ACT LOGIC A	WE		X-2200S	382557	H/28 642	A-1 AUX			22E-0-3089	
		FUNCTION/SERVICE-					CONT & INDIC OF SG 1A LOOP 1 MS FLOW					
MS	1CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/27 642	A-1 AUX			22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	H/28 642	A-1 AUX			22E-0-3089	
		FUNCTION/SERVICE-										

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MS	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/26 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB075	PROC I&C COMP INPUT PNL 1	WE		X-2200S	382557	K/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB076	PROC I&C COMP INPUT PNL 2	WE		X-2200S	382557	K/27 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB095	ESS LOGIC TEST CAB	HARLO CORP		X-2305	123519	H/29 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB096	SAFEGUARDS TEST CAB A	WE		X-2200S	382557	G/29 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1CB097	SAFEGUARDS TEST CAB B	WE		X-2200S	382557	G/29 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
MS	1A055	MOV HTRS- DIST. PNL-DIV	FISH-H E/M-C-458 19		X-2329	119387	P/20 560		A-7 AUX		22E-0-3059	0035
		FUNCTION/SERVICE: POWER SUPPLY FOR MS SYS MOV HTRS										
NR	1NI-0031B	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''		A1 AUX	N/A		N205
		FUNCTION/SERVICE: SOURCE RANGE INDICATION/SOURCE RANGE COUNT RATE										

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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
NR	1NI-0031B	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:SOURCE RANGE STARTUP INDICATION/SOURCE RANGE STARTUP RATE												
NR	1NI-0032B	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:SOURCE RANGE INDICATION/SOURCE RANGE COUNT RATE												
NR	1NI-0032D	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:SOURCE RANGE STARTUP INDICATION/SOURCE RANGE STARTUP RATE												
NR	1NI-0035B	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE CURRENT												
NR	1NI-0035D	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE STARTUP RATE												
NR	1NI-0036B	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE CURRENT												
NR	1NI-0036D	NEUTRON INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE STARTUP RATE												
NR	1NI-0041B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:POWER RANGE FLUX INDICATION												
NR	1NI-0042B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:POWER RANGE FLUX INDICATION												
NR	1NI-0043B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:POWER RANGE FLUX INDICATION												
NR	1NI-0044B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:POWER RANGE FLUX INDICATION												
NR	1NI-0041C	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE:POWER RANGE FLUX CHANGE INDICATION												

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
NR	INI-0042C	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0"	A1	AUX	N/A		N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE INDICATION												
NR	INI-0043C	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0"	A1	AUX	N/A		N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE INDICATION												
NR	INI-0044C	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/22 642'-0"	A1	AUX	N/A		N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE INDICATION												
OV	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617		A-3	AUX		22E-1-3203
FUNCTION/SERVICE-												
OV	1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3	AUX		22E-1-3203
FUNCTION/SERVICE- POWER SUPPLY FOR STANDBY INSTR AIR COMPR 00V047												
OV	OCB005	HVAC CONTROL PANEL	HARLO		X-2291		K/20 642		A-1	AUX	E12945 SH.11	22E-0-3090
FUNCTION/SERVICE- CONT & INDIC OV SYS VENT FANS												
OV	OLP20	COMPUTER ROOM HVAC SYS PNL	POWERS	REGULATOR	X-2286	123163	K/15 617		A-4	AUX		22E-0-3077
FUNCTION/SERVICE-												
OV	OLP21	COMPUTER ROOM HVAC SYS PNL	POWERS	REGULATOR	X-2286	123163	J/15 617		A-4	AUX		22E-0-3077
FUNCTION/SERVICE-												
OV	1AB0374	JUNCTION BOX					H/15 617		A-4	AUX		22E-0-3077
FUNCTION/SERVICE- COMP & MISC HVAC SYS REFRIG UNIT OA :PRES CONT, HTR 00V005, S V OSV-0V05A,B,C												
OV	1AB0441	JUNCTION BOX					H/12 617		A-4	AUX		22E-0-3077
FUNCTION/SERVICE- CONT RM,COMP RM, STANDBY INSTR AIR COMPR, PRES SW, SOL VLV, PB STATION 00V047												
OV	1A036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617		A-7	AUX		22E-0-3059
FUNCTION/SERVICE- POWER SUPPLY FOR HOT LAB HOOD EXH FAN OA 00V050												
OV	1A015	480V SWGR, ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34		A-3	AUX	591F616 /	22E-1-3203 0009
FUNCTION/SERVICE- POWER SUPPLY FOR COMP & MISC HVAC REFRIG, OA												

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SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
PP	1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617		A-3 AUX		22E-1-3203	
		FUNCTION/SERVICE- POWER SUPPLY FOR PP SIR COMPRESSOR 0										
PP	1APO90	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3 AUX		22E-1-3203	
		FUNCTION/SERVICE- POWER SUPPLY FOR PP AIR COMPRESSOR 1										
PP	1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
		FUNCTION/SERVICE- CONT & INDIC FOR PP AIR COMPRESSOR 0										
PP	1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
		FUNCTION/SERVICE- CONT & INDIC FOR PP AIR COMPRESSOR 1										
PP	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/26 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
PP	1APO35	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560		A-7 AUX		22E-0-3056	
		FUNCTION/SERVICE- 120V CONT PWR SUPPLY FOR PP AIR DRYER 1										
PR	1APO30	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617		A-3 AUX		22E-1-3203	
		FUNCTION/SERVICE-POWER SUPPLY TO RHR PUMP 1A CUB RAD DET. UNIT 1RE-PRO1										
PR	1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617		A-3 AUX		22E-1-3203	
		FUNCTION/SERVICE-POWER SUPPLY TO CONTAINMENT LEAK DETECTORS 1RE-PR12A, 12B (1PRO16)										
PR	1APO90	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3 AUX		22E-1-3203	
		FUNCTION/SERVICE-POWER SUPPLY TO CONTAINMENT PURGE SYS RAD DET.										
PR	1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
		FUNCTION/SERVICE-										
PR	1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642		A-1 AUX		22E-0-3090	
		FUNCTION/SERVICE-										
PR	1CB011	MCB- CONT ISOL	HARLO		X-2291	109918	K/23 642		A-1 AUX		22E-0-3090	
		FUNCTION/SERVICE-										

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET		PROCURE SPEC	CECO P.O. NO	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		EQUIPMENT	MFR								
FR	1CBO13	MCB-PROCESS RAD. MON. CAB.	WE		X-22005	382557	G/23 642		A-1 AUX		22E-0-3090
			FUNCTION/SERVICE-								
FR	1CB094	ESS LOGIC TEST TR. CAB	HARLO		X-2305	123159	G/29 642		A-1 AUX		22E-0-3089
			FUNCTION/SERVICE-								
FR	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617		A-3 AUX		2EE-1-3203
			FUNCTION/SERVICE-								
FR	1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617		A-3 AUX		2EE-1-3203
			FUNCTION/SERVICE-								
FR	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617		A-3 AUX		2EE-1-3203
			FUNCTION/SERVICE-								
FR	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617		A-3 AUX		2EE-1-3203
			FUNCTION/SERVICE-								
FR	0LP17	AUX BLDG VENT SYS PNL	POWERS REGULATOR		X-2286	123163	M/21 642		A-7 AUX		22E-0-3092
			FUNCTION/SERVICE-								
FR	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560		A-7 AUX		22E-0-3056
			FUNCTION/SERVICE-	POWER SUPPLY TO CENT. CHARGING PUMP 1A CUB. DETECT. UNIT 1RE-PRO5							
FR	1AP046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542		A-7 AUX		22E-0-3051
			FUNCTION/SERVICE-	POWER SUPPLY TO RHR PUMP 1A CUB. RAD DET. 1PROOG & CONTAIN. AREA SAMP. PUMP 1PROO1							
FR	1AP091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560		A-7 AUX		22E-0-3056
			FUNCTION/SERVICE-	POWER SUPPLY TO RHR HX CUB RAD DETECTOR 1PROO9							
FR	1AP092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560		A-7 AUX		22E-0-3059
			FUNCTION/SERVICE-	POWER SUPPLY TO RHR PUMP 1B CUB RAD DETECTOR 1PROO7							
FR	1AP093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560		A-7 AUX		22E-0-3059
			FUNCTION/SERVICE-	POWER SUPPLY TO CLASS 1 PIPE TUNNEL RAD DETECTOR							

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PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAT'	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
PR 1RR-PR14	MULTIPOINT RECORDER	HONEY- WELL	UNIVERSAL	X-2333		H/23 642'-0''	A1 AUX	N/A		M-549	M404
				FUNCTION/SERVICE: RECORDING/PASSIVE FAIL. AIR PARTICULATE MONITOR							
PR 1RR-PR16	RECORDER	HONEY- WELL	15	X-2333		H/23 642'-0''	A1 AUX	N/A		M-549	M405
				FUNCTION/SERVICE: RECORDING/CONTAINMENT PURGE STACK EFFLUENT AIR PARTICULATE MONITOR							
PR 1RR-PR17	RECORDER	HONEY- WELL	15	X-2333		H/23 642'-0''	A1 AUX	N/A		M-549	M405
				FUNCTION/SERVICE: RECORDING/CONTAINMENT PURGE & GAS DECAY TANK VENT: STACK EFFLUENT GAS							
PV OCB005	HVAC CONTROL PANEL	HARLO		X-2291		K/20 642	A-1 AUX		E12945 SH. 11	22E-0-3090	
				FUNCTION/SERVICE- CONT & INDIC PV SYS VENT FANS							
PV OLP20	COMPUTER ROOM HVAC SYS PNL	POWERS REGULATOR		X-2286	123163	K/15 617	A-4 AUX			22E-0-3077	
				FUNCTION/SERVICE-							
PV OLP21	COMPUTER ROOM HVAC SYS PNL	POWERS REGULATOR		X-2286	123163	J/15 617	A-4 AUX			22E-0-3077	
				FUNCTION/SERVICE-							
PV 1AE0385	JUNCTION BOX					H/15 617	A-4 AUX			22E-0-3077	
				FUNCTION/SERVICE- CONT RM REFRIG COMPR OA OIL PRES CONTROLLER							
				FUNCTION/SERVICE- COMPR OA REFRIGERANT PRES CONTROLLER							
				FUNCTION/SERVICE- CONT RM HVAC COMPR OA VLV OSV-PV07A,B,C							
				FUNCTION/SERVICE- COMPRESSOR OA OIL HEATER							
PV 1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	
				FUNCTION/SERVICE- POWER SUPPLY FOR CONT RM SYS FANS OPV011, 15 & AIR HDLG OPV009							
PV 1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A-7 AUX			22E-0-3056	
				FUNCTION/SERVICE- POWER FEED TO CONT RM HVAC PNL OLP18							
PV OPV009	A/H UNIT FAN MOTOR	WEST	PCB1830/ 256T FRAME	X-2283		K/14 617'-0''	A-4 AUX	N/A		M-81	G001
				FUNCTION/SERVICE: CONTROL RM TEMPERATURE CONTROL							
PV OPV010	A/H UNIT FAN MOTOR	WEST	PCB1830/ 256T FRAME	X-2283		K/12 617'-0''	A-4 AUX	N/A		M-81	G001
				FUNCTION/SERVICE: CONTROL RM TEMPERATURE CONTROL							



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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET				CLCD	COL/ROW ELEVATION	CONTAIN IN DBI	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC							
PV	OPV011	RETURN FAN MOTOR	WEST	29A9-1750-34 25GT FRAME	X-2276		H/16 617'-0"	A4	AUX	N/A	M-81	G002
FUNCTION/SERVICE: CONTROL RM TEMPERATURE CONTROL												
PV	OPV012	RETURN FAN MOTOR	WEST	29A9-1750-34 25GT FRAME	X-2276		H/16 617'-0"	A4	AUX	N/A	M-81	G002
FUNCTION/SERVICE: CONTROL RM TEMPERATURE CONTROL												
PV	OPV013	REFRIGERATION UNIT MOTOR	GE	326TS FRAME 0 D.P.	X-2282		H/14 617'-0"	A4	AUX	N/A	M-81	G003
FUNCTION/SERVICE: CONTROL RM TEMPERATURE CONTROL												
PV	OPV014	REFRIGERATION UNIT MOTOR	GE	326TS FRAME 0 D.P.	X-2282		H/14 617'-0"	A4	AUX	N/A	M-81	G003
FUNCTION/SERVICE: CONTROL RM TEMPERATURE CONTROL												
PV	OPV015	CHARCOAL BOD-STER FAN MOTR	BARRY BLOWER		X-2285		L/16 617'-3"	A4	AUX	N/A	M-81	G004
FUNCTION/SERVICE: CONTROL RM/SUPPLY AIR THROUGH MAKE-UP FILTER UNIT												
PV	OPV016	CHARCOAL BOD-STER FAN MOTR	BARRY BLOWER		X-2285		L/16 617'-0"	A4	AUX	N/A	M-81	G004
FUNCTION/SERVICE: CONTROL RM/SUPPLY AIR THROUGH MAKE-UP FILTER : I												
PV	OPV017	STANDBY COMP-RESSOR MOTOR	WEST	FT 240/3 HP	X-2286		H/12 617'-0"	A4	AUX	N	M-81	G005
FUNCTION/SERVICE: CONTROL RM CONTROLG/AIR COMPRESSOR												
PV	OSV-PV07A	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0"	A4	AUX	N/A		I301
FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 14-0B												
PV	OSV-PV07B	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0"	A4	AUX	N/A		I301
FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 14-0B												
PV	OSV-PV07C	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0"	A4	AUX	N/A		I301
FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 14-0B												
PV	OSV-PV08A	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0"	A4	AUX	N/A		I301
FUNCTION/SERVICE: CONTROL ROOM HVA. SYSTEM REFRIG. UNIT 13-0A												
PV	OSV-PV08B	TWO-WAY SOLE-NOID VALVE	ASCO	8210	X-2242		H/12 617'-0"	A4	AUX	N/A		I301
FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 13-0A												

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PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CDL/ROW ELEVAIN	CONTAIN IN OUT	FLD EMILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
PV OSV-PV08C	TWO-WAY SOLE- NOID VALVE	ASCO	8210	X-2242		H/12 617'-0''	A4	AUX	N/A		1301
											FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM REFRIG. UNIT 13-0A
PV OSV-PV42	TWO-WAY SOLE- NOID VALVE	ASCO	8210	X-2286		H/12 617'-0''	A4	AUX	N/A		1301
											FUNCTION/SERVICE: CONTROL ROOM CHARCOAL FILTER FIRE PROTECTION
PV OXE-PV28A	SMOKE DETECTOR	PYRO- TRONIC	CDA	X-2286		H/12 617'-0''	A4	AUX	N/A		1302
											FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM
PV OXE-PV28B	SMOKE DETECTOR	PYRO- TRONIC	CDA	X-2286		H/12 617'-0''	A4	AUX	N/A		1302
											FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM
PV OXE-PV32A	SMOKE DETECTOR	PYRO- TRONIC	CDA	X-2286		H/12 617'-0''	A4	AUX	N/A		1302
											FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM
PV OXE-PV32B	SMOKE DETECTOR	PYRO- TRONIC	CDA	X-2286		H/12 617'-0''	A4	AUX	N/A		1302
											FUNCTION/SERVICE: CONTROL ROOM HVAC SYSTEM
PV OTY-PV42A	TEMPERATURE SWITCH	UNITED ELEC	C-300	X-2286		H/12 617'-0''	A4	AUX	N/A		1303
											FUNCTION/SERVICE: CONTROL ROOM CHARCOAL FILTER FIRE PROTECTION
PV OTY-PV42B	TEMPERATURE SWITCH	UNITED ELEC	C-300	X-2286		H/12 617'-0''	A4	AUX	N/A		1303
											FUNCTION/SERVICE: CONTROL ROOM CHARCOAL FILTER FIRE PROTECTION
RC 1CB006	MCB-REACTOR CONTROL	WE		X-2200S	382557	K/23 642	A-1	AUX		22E-0-3090	
											FUNCTION/SERVICE- CONT & INDIC FOR RC SYS PUMPS & VLVS, PRESS HTRS, BACKUP GR'S, &C
RC 1CB007	MCB-C&VC SYS	WE		X-2200S	382557	H/23 642	A-1	AUX		22E-0-3090	
											FUNCTION/SERVICE-
RC 1CB012	MCB-BOP PORTION OF ESF	WE		X-2200S	382557	G/23 642	A-1	AUX		22E-0-3090	
											FUNCTION/SERVICE-
RC 1CB022	NUCLEAR INSTR CAB. CH. 1	WE		X-2200C	382557	G/21 642	A-1	AUX		22E-0-3090	
											FUNCTION/SERVICE-

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RC 1CB023	NUCLEAR INSTR WE CAB. CH. 2			X-22005	382557	G/22 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
RC 1CB024	NUCLEAR INSTR WE CAB. CH. 3			X-22005	382557	G/22 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
RC 1CB025	NUCLEAR INSTR WE CAB. CH. 4			X-22005	382557	G/22 642		A-1 AUX		22E-0-3090	
											FUNCTION/SERVICE-
RC 1CB026	PROC. I&C RACK WE PROT. SET 1			X-22005	382557	G/28 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB027	PROC. I&C RACK WE PROT. SET 2			X-22005	382557	G/27 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB028	PROC. I&C RACK WE PROT. SET 3			X-22005	382557	K/28 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB029	PROC. I&C RACK WE PROT. SET 4			X-22005	382557	K/13 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB030	REACTOR PROT. WE LOGIC A			X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB031	REACTOR PROT. WE LOGIC B			X-22005	382557	H/27 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB033	ESF SAF ACT LOGIC B	WE		X-22005	382557	H/27 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-
RC 1CB035	NSSS AUX RLY RACK	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
											FUNCTION/SERVICE-

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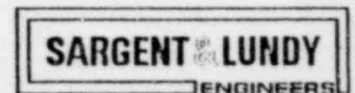
SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	1CB043	MCB-ROD POS. INDICATION	WE		X-22005		H/29 642	A-1 AUX			22E-0-3089	
RC	1CB046	MCB-TURB ELE- HYDR. CONTROL			X-2200T		H/29 642	A-1 AUX			22E-0-3089	
RC	1CB059	MCB-ROD CONT. LOGIC	WE		X-22005		H/29 642	A-1 AUX			22E-0-3089	
RC	1CB068	CONTMT. PR. TR. 2 T&L CAB.	HARLO		X-2305	123159	H/29 642	A-1 AUX			22E-0-3089	
RC	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/26 642	A-1 AUX			22E-0-3089	
RC	1CB075	PROC I&C COMP INPUT PNL 1	WE		X-22005	382557	K/28 642	A-1 AUX			22E-0-3089	
RC	1CB076	PROC I&C COMP INPUT PNL 2	WE		X-22005	382557	K/27 642	A-1 AUX			22E-0-3089	
RC	1CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/28 642	A-1 AUX			22E-0-3089	
RC	1CB079	PROC I&C RACK CONT GR 3	WE		X-22005	382557	H/28 642	A-1 AUX			22E-0-3089	
RC	1CB080	PROC I&C RACK CONT GR 4	WE		X-22005	382557	H/28 642	A-1 AUX			22E-0-3089	
RC	1CB109	EMER. INST. TEST CABINET					G/26 642	A-1 AUX			22E-0-3089	
RC	1CB110	EMER. INST. TEST CABINET					G/26 642	A-1 AUX			22E-0-3089	

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDGR DRAWING	S&L DRAWING	COMP NO
RC 1AB0449	JUNCTION BOX					K/27 630	A-4 AUX			22E-0-3102	
			FUNCTION/SERVICE-	RC LOOPS A-D STOP		VLVS LEAK OFF FLOW					
RC 1AB0450	JUNCTION BOX					K/27 630	A-4 AUX			22E-0-3102	
			FUNCTION/SERVICE-	RC LOOPS A-D STOP		VLVS LEAK OFF FLOW					
RC 1AP002	4160V SWGR. BUS 142	ITE	TYPE 5 HK-350	X-2240	103443	G/32 642	A-2 D.G.		33-45122-E-	22E 1-3205	
			FUNCTION/SERVICE-	POWER SUPPLY FOR		REACTOR COOLANT PUMP 1A					
RC 1AP003	4160V SWGR. BUS 143	ITE	TYPE 5 HK-350	X-2240	103443	H/32 642	A-2 D.G.		33-45122-E-	22E 1-3205	
			FUNCTION/SERVICE-	POWER SUPPLY FOR		REACTOR COOLANT PUMP 1B					
RC 1AP004	4160V SWGR. BUS 144	ITE	TYPE 5 HK-350	X-2240	103443	G/33 642	A-2 D.G.		33-45122-E-	22E 1-3205	
			FUNCTION/SERVICE-	POWER SUPPLY FOR		REACTOR COOLANT PUMP 1C					
RC 1AP005	4160V SWGR. BUS 145	ITE	TYPE 5 HK-350	X-2240	103443	H/33 642	A-2 D.G.		33-45122-E-	22E 1-3205	
			FUNCTION/SERVICE-	POWER SUPPLY FOR		REACTOR COOLANT PUMP 1D					
RC 1LI-459A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1 AUX	N/A		M-53	M305
			FUNCTION/SERVICE:	PRZR. LEVEL INDICATION/PRZR. LEVEL							
RC 1LI-460A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1 AUX	N/A		M-53	M305
			FUNCTION/SERVICE:	PRZR. LEVEL INDICATION/PRZR. LEVEL							
RC 1LI-461	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1 AUX	N/A		M-53	M305
			FUNCTION/SERVICE:	PRZR. LEVEL INDICATION/PRZR. LEVEL							
RC 1PI-0455A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1 AUX	N/A		M-53	M305
			FUNCTION/SERVICE:	PRZR. PRESSURE INDICATION/PRZR. PRESSURE							
RC 1PI-0456	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1 AUX	N/A		M-53	M305
			FUNCTION/SERVICE:	PRZR. PRESSURE INDICATION/PRZR. PRESSURE							
RC 1PI-0457	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1 AUX	N/A		M-53	M305
			FUNCTION/SERVICE:	PRZR. PRESSURE INDICATION/PRZR. PRESSURE							

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RC	1PI-045B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1	AUX	N/A		M-53	M305
				FUNCTION/SERVICE: PRZR, PRESSURE INDICATION/PRZR, PRESSURE									
RC	1TI-0411A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP A DELTA T									
RC	1TI-0411B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP A OVER PWR DT									
RC	1TI-0411C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP A OVER TEMP DT									
RC	1TI-0421A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP C DELTA T									
RC	1TI-0421B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP C OVER PWR DT									
RC	1TI-0421C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP C OVER TEMP DT									
RC	1TI-0431A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D DELTA T									
RC	1TI-0431B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D OVER PWR DT									
RC	1TI-0431C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D OVER TEMP DT									
RC	1TI-0441A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B DELTA T									
RC	1TI-0441B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0''	A1	AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B OVER PWR DT									

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								IN	OUT				
*	RC 1TI-0441C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	J/22 642'-0"	A1	AUX	N/A			M305
			FUNCTION/SERVICE: LOOP B OVER TEMP DT										
*	RC 1APO13	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617		A-3	AUX	591F616 /	22E 1-3203	Q007
			FUNCTION/SERVICE- POWER SUPPLY FOR PRESS HTRS BACKUP GR C										
*	RC 1APO14	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33		A-3	AUX	591F616 /	22E 1-3203	Q008
			FUNCTION/SERVICE- POWER SUPPLY FOR PRESS HTRS BACKUP GR A										
*	RC 1APO15	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34		A-3	AUX	591F616 /	22E 1-3203	Q009
			FUNCTION/SERVICE- POWER SUPPLY FOR PRESS HTRS BACKUP GR B										
*	RC 1APO36	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617		A-7	AUX	75C247958 SH.28	22E-0-3059	Q017
			FUNCTION/SERVICE- POWER SUPPLY FOR RC SYS VLV5 1MOV RC8000A,B										
*	RC 1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617		A-3	AUX	E13064-SH01E	22E-1-3203	T004
			FUNCTION/SERVICE-										
*	RC 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617		A-3	AUX	E13064-SH01C	22E-1-3203	T005
			FUNCTION/SERVICE-										
*	RH 1APO07	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617		A-3	AUX	33-45122-E-32	22E 1-3203	
			FUNCTION/SERVICE- POWER SUPPLY FOR RHR PUMP 1B										
*	RH 1APO08	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617		A-3	AUX	33-45122-E-33	22E 1-3203	
			FUNCTION/SERVICE- POWER SUPPLY FOR RHR PUMP 1A										
*	RH 1APO31	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	H/33 617		A-3	AUX		22E-0-3059	
			FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8702										
*	RH 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617		A-3	AUX	75C247958, SH.26	22E-1-3203	
			FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8701										
*	RH 1APO90	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3	AUX	75C247958, SH.22	22E-1-3203	
			FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8703										

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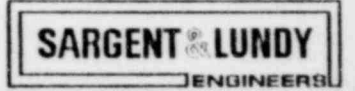


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RH	1CB006	MCB-REACTOR CONTROL	WE		X-22005	382557	K/23 642		A-1 AUX		22E-0-3090	
RH	1CB009	MCB-ESF DIV 18	WE		X-22005	382557	H/23 642		A-1 AUX		22E-0-3090	
RH	1CB010	MCB-ESF DIV 19	WE		X-22005	382557	H/23 642		A-1 AUX		22E-0-3090	
RH	1CB012	MCB-BOP PORTION OF ESF	WE		X-22005	382557	G/23 642		A-1 AUX		22E-0-3090	
RH	1CB014	MCB-AREA RAD MONITOR CAB	WE		X-22005	382557	G/23 642		A-1 AUX		22E-0-3090	
RH	1CB033	ESF PNL B	WE		X-22005	382557	H/27 642		A-1 AUX		22E-0-3089	
RH	1CB035	NSSS AUX RLY RACK	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
RH	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/26 642		A-1 AUX		22E-0-3089	
RH	1CB075	PROC I&C COMP INPUT PNL 1	WE		X-22005	382557	K/28 642		A-1 AUX		22E-0-3089	
RH	1CB076	PROC I&C COMP INPUT PNL 2	WE		X-22005	382557	K/27 642		A-1 AUX		22E-0-3089	
RH	1CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
RH	1CB078	PROC I&C RACK CONT GR 2	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	

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		MFR	WE					IN	OUT				
RH	1CB079	PROC I&C RACK	WE		X-2200S	382557	H/28 642		A-1	AUX		22E-0-3089	
		CONT GR 3											
		FUNCTION/SERVICE-											
RH	1CB080	PROC I&C RACK	WE		X-2200S	382557	H/28 642		A-1	AUX		22E-0-3089	
		CONT GR 4											
		FUNCTION/SERVICE-											
RH	1CM004	COMP CAB	WE		X-2200S				A-6	AUX		22E-0-3089	
		(I/O TERM)											
		FUNCTION/SERVICE-											
RH	1APO91	480V AUX BLDG	GE	7700 LINE	X-2260	103869	G/24 560		A-7	AUX	75C247958, SH. 25	22E-0-3056	
		ESS MCC 1383B											
		FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLVS 1MOV-RH8716C, -RH611, -RH9000											
RH	1APO92	480V AUX BLDG	GE	7700 LINE	X-2260	103869	P/21 560		A-7	AUX	75C247958, SH. 29A	22E-0-3059	
		ESS MCC 1393B											
		FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLVS 1MOV-RH8716B, -RH8716A											
RH	1APO93	480V AUX BLDG	GE	7700 LINE	X-2260	103869	P/21 560		A-7	AUX		22E-0-3059	
		ESS MCC 1393C											
		FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLVS 1MOV-RH610, -RH8700A											
RH	1APO35	480V AUX BLDG	GE	7700 LINE	X-2260	103869	H/24 560		A-7	AUX	75C247958, 24, 27	22E-0-3056	
		ESS MCC 1383A											
		FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLV 1MOV-RH8700B											
RH	1RH001	RHR PUMP	WEST	VSW1	E-677125		L/22 552'-0''		A13	AUX	N/A V-8X20W86X11-D	M-62	A251
		MOTOR UNIT											
		FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1A											
RH	1RH002	RHR PUMP	WEST	VSW1	E-677125		M/22 552'-0''		A13	AUX	N/A V-8X20W86X11-D	M-62	A251
		MOTOR UNIT											
		FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1B											
RH	1RH001	RHR PUMP	WEST	VSW1	E-677125		L/22 552'-0''		A13	AUX	N/A V-8X20W86X11-D	M-62	A251
		MOTOR UNIT											
		FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1A											
RH	1RH002	RHR PUMP	WEST	VSW1	E-677125		M/22 552'-0''		A13	AUX	N/A V-8X20W86X11-D	M-62	A251
		MOTOR UNIT											
		FUNCTION/SERVICE: ACTUATES PUMP/RHR PUMP 1B											
RH	1MOV-RH8700A	VALVE MOTOR	LMTQ	SMR-0	G-676258	067762	L/22 546'-0''		A13	AUX	N/A 93-13107	M-62	A252
		OPERATOR											
		FUNCTION/SERVICE: ACTUATES VALVE/RHR PUMP SUCTION											

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RH 1MOV-RH8700B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	M/22 546'-0''	A13 AUX	N/A	93-13107	M-62	A252	
FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION												
RH 1MOV-RH8700A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	L/22 546'-0''	A13 AUX	N/A	93-13107	M-62	A252	
FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION												
RH 1MOV-RH8700B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	M/22 546'-0''	A13 AUX	N/A	93-13107	M-62	A252	
FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION												
RH 1MOV-RH8716A	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258		M/21 557'-0''	A7 AUX	N/A		M-62	A253	
FUNCTION/SERVICE:ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION												
RH 1MOV-RH8716B	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258		L/21 557'-0''	A7 AUX	N/A		M-62	A253	
FUNCTION/SERVICE:ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION												
RH 1MOV-RH8716C	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258		M/21 542'-0''	A7 AUX			M-62	A253	
FUNCTION/SERVICE:ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION												
RH 1FT-600	FLOW TRANSMITTER	F&P	10B2495	X-2200	104253	P/21 560'-0''	A13 AUX	N/A		M-62, M-205	N101	
FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN												
RH 1FT-600	FLOW TRANSMITTER	F&P	10B2495	X-2200	104253	P/21 560'-0''	A13 AUX	N/A		M-62, M-295	N101	
FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN												
RH 1FT-600	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A13 AUX	N/A		M-62	N102	
FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN												
RH 1FT-600	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A13 AUX	N/A		M-62	N102	
FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN												
RH 1AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q035	
FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS MOV HTRS												
RH 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-3 AUX		E13064-SH01B	22E-1-3203	T003	
FUNCTION/SERVICE-												

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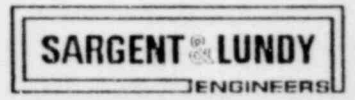
SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO	
RH	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.	X-2305	123159	J/33 617	A-3 AUX		E13064-SHO1C	22E-1-3203	TO05	
			FUNCTION/SERVICE-									
RH	1AB0193	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23 542	A13 AUX			22E-0-3054	X096	
			FUNCTION/SERVICE- RHR PUMP 1A SCTN ISOL VLVS (1MOV-RH8700A)									
RH	1AB0199	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23 542	A13 AUX			22E-0-3054	X096	
			FUNCTION/SERVICE- RHR PUMP 1A SCTN ISOL VLVS (1MOV-RH8700A)									
RH	1AB0200	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23 542	A13 AUX			22E-0-3054	X097	
			FUNCTION/SERVICE- RHR PUMP 1B SCTN ISOL VLVS (1MOV-RH8700B)									
RH	1AB0200	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23 542	A13 AUX			22E-0-3054	X097	
			FUNCTION/SERVICE- RHR PUMP 1B SCTN ISOL VLVS (1MOV-RH8700B)									
RP	1CB033	ESF PNL B	WE	X-22005	382557	H/27 642	A-1 AUX			22E-0-3089		
			FUNCTION/SERVICE-ENG. SAF. ACTUATION B									
RP	1AB0309	JUNCTION BOX					A-4 DG			22E-1-3204		
			FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS									
RP	1AB0565	JUNCTION BOX					A-4 DG			22E-1-3204		
			FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS									
RP	1CB094	ESS LOGIC TEST TR. CAB	HARLO	X-2305	123159	G/29 642	A-1 AUX			22E-0-3089		
			FUNCTION/SERVICE-LOGIC TEST TRAIN 1									
RP	1CB095	ESS LOGIC TEST CAB	HARLO CORP	X-2305	123519	H/29 642	A-1 AUX			22E-0-3089		
			FUNCTION/SERVICE-LOGIC TEST TRAIN 2									
RP	1CB096	SAFEGUARDS TEST CAB A	WE	X-22005	382557	G/29 642	A-1 AUX			22E-0-3089		
			FUNCTION/SERVICE-SAFETY TRAIN A, TEST									
RP	1CB097	SAFEGUARDS TEST CAB B	WE	X-22005	382557	G/29 642	A-1 AUX			22E-0-3089		
			FUNCTION/SERVICE-SAFETY TRAIN B, TEST									

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RP 1CB015	MCR-ENG. SAFE. WE DIV. 1B			X-22005	382557	H/23 642		A-1 AUX		22E-0-3090	
	FUNCTION/SERVICE-AUTO CONTROL CABINET, CONTROL PRESS LOGIC										
RP 1CB026	PROC. I&C RACK WE PROT. SET 1			X-22005	382557	G/28 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 1										
RP 1CB027	PROC. I&C RACK WE PROT. SET 2			X-22005	382557	G/27 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 2										
RP 1CB028	PROC. I&C RACK WE PROT. SET 3			X-22005	382557	K/28 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 3										
RP 1CB029	PROC. I&C RACK WE PROT. SET 4			X-22005	382557	K/13 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 4										
RP 1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-ENG. SAF. ACTUATION A										
RP 1CB052				X-2303		K/26 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-GENERATOR & TRANSFORMER, RELAY AND METERING CONTROL & INDICATION										
RP 1CB067				X-2305		G/29 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-CONTAINMENT PRESS. LOGIC 1										
RP 1CB068	CONMT. PR. TR. 2 TEL CAB.	HARLO		X-2305	123159	H/29 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE CONTAINMENT PRESS LOGIC 2										
RP 1CB037	DC CONTROL DIST CAB. 111	FISH-H		X-2329	119387	H/26 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-125V DC CONTROL POWER DISTRIBUTION CABINET 111 (LOGIC CIRCUIT POWER)										
RP 1CB039				X-2329		K/30 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-125V DC CONTROL POWER DISTRIBUTION CABINET 113 (CONTROL CIRCUIT POWER)										
RP 1CB040				X-2329		G/26 642		A-1 AUX		22E-0-3089	
	FUNCTION/SERVICE-125V DC CONTROL POWER DISTRIBUTION CABINET 114										

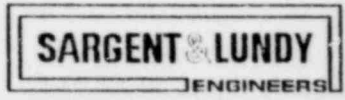
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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RP	1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E-1-3203	0001
												FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS
RP	1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E-1-3203	0002
												FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS
RP	1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E-1-3203	0003
												FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS
RP	1CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	H/28 642	A-1 AUX		1080001 SH.	22E-0-3089	5001
												FUNCTION/SERVICE-AUX RELAY RACK A
RP	1CB006	MCB-REACTOR CONTROL	HARLO		X-2200S	382557	K/23 642	A-1 AUX		E-12942 SH.7	22E-0-3090	5023
												FUNCTION/SERVICE-CONTROL AND INDICATION FOR REACTOR CONTROL DEVICES
RP	1CB008	MCB-ESF DIV 17	HARLO		X-2200S	382557	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	5025
												FUNCTION/SERVICE-CONTROL AND INDICATION FOR ENG. SAF. DIV. 17
RP	1CB009	MCB-ESF DIV 18	HARLO		X-2200S	382557	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	5026
												FUNCTION/SERVICE-CONTROL AND INDICATION FOR ENG. SAF. DIV. 18
RP	1CB010	MCB-ESF DIV 19	HARLO		X-2200S	382557	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	5027
												FUNCTION/SERVICE-CONTROL AND INDICATION FOR ENG. SAF. DIV. 19
RP	1CB012	MCB-BOP PORTION OF ESF	HARLO		X-2200S	382557	G/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	5029
												FUNCTION/SERVICE-CONTROL AND INDICATION FOR BOP SECTION OF ESS
RP	1CB050	ANNUN INPUT RLY LOGIC CAB	BETA CORP.		X-2322		G/26 642	A-1 AUX		303211 SH.1&2	22E-0-3089	5030
												FUNCTION/SERVICE-ANN. INPUT RELAY LOGIC CABINET
RP	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/26 642	A-1 AUX			22E-0-3089	5031
												FUNCTION/SERVICE-ANN. INPUT LOGIC
RP	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3 AUX		E13064-SH01A	22E-1-3203	T001
												FUNCTION/SERVICE-AUX. RELAY ESS DIV 17 CONT



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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHLET		MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		COMPONENT/ EQUIPMENT	MFR									
RP	1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A-3 AUX		E13064-SH01D	22E-1-3203	T002
					FUNCTION/SERVICE-AUX RELAYS ESS DIV 17 CONT							
RP	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-2 AUX		E13064-SH01B	22E-1-3203	T003
					FUNCTION/SERVICE-AUX RELAYS ESS DIV 18 CONT							
RP	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A-3 AUX		E13064-SH01E	22E-1-3203	T004
					FUNCTION/SERVICE-AUX RELAYS ESS DIV 18 CONT							
RP	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A-3 AUX		E13064-SH01C	22E-1-3203	T005
					FUNCTION/SERVICE-AUX RELAYS ESS DIV 19 CONT							
RP	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A-3 AUX		E13064-SH01F	22E-1-3203	T006
					FUNCTION/SERVICE-AUX RELAYS ESS DIV 19 CONT							
RV	1A030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX		75C247958 18,19	22E-1-3203	
					FUNCTION/SERVICE- CONTMT COOL FAN 1C MOTOR HTR FEED							
RV	1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX		75C247958 SH.26	22E-1-3203	
					FUNCTION/SERVICE- CONTMT COOL FAN 1B MOTOR HTR FEED							
RV	1A090	480V MCC ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX		75C247958 21,22	22E-1-3203	
					FUNCTION/SERVICE- CONTMT COOL FAN 1D MOTOR HTR FEED							
RV	1C008	MCB-ESF DIV 17	WE		X-22005	382557	H/23 642	A-1 AUX		E12492	22E-0-3090	
					FUNCTION/SERVICE- RX CONTMT VENT COOL FANS CONT & INDIC							
RV	1C009	MCB-ESF DIV 18	WE		X-22005	382557	H/23 642	A-1 AUX		E12492	22E-0-3090	
					FUNCTION/SERVICE- RX CONTMT VENT COOL FANS CONT & INDIC							
RV	1C010	MCB-ESF DIV 19	WE		X-22005	382557	H/23 642	A-1 AUX		E12492	22E-0-3090	
					FUNCTION/SERVICE- RX CONTMT VENT COOL FANS CONT & INDIC							
RV	1C011	MCB- CONT ISOL	HARLO		X-2291	109918	K/23 642	A-1 AUX		BM12945	22E-0-3090	
					FUNCTION/SERVICE-							

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RV	1CB012	MCB-BOP PORTION OF ESF	WE		X-22005	382557	G/23 642	A-1 AUX		E12492	22E-0-3090	
												FUNCTION/SERVICE-
RV	1CE050	ANNUN INPUT RLY LOGIC CAB	WE		X-2322		G/26 642	A-1 AUX		303211	22E-0-3089	
												FUNCTION/SERVICE-
RV	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/26 642	A-1 AUX		303211	22E-0-3089	
												FUNCTION/SERVICE-
RV	1CM008	COMPUTER CAB. (I/O TERMIN.)	WE		X-22005	382557	L/25 642	A-1 AUX			22E-1-3400	
												FUNCTION/SERVICE-
RV	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3 AUX		E13064	22E-1-3203	
												FUNCTION/SERVICE-
RV	1LP25	ESS AUX RLY CAB 17-2	HARLO CORP.		X-2305	123159	H/30 617	A-3 AUX		E13064	22E-1-3203	
												FUNCTION/SERVICE-
RV	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-3 AUX		E13064	22E-1-3203	
												FUNCTION/SERVICE-
RV	1LP27	ESS AUX RLY CAB 18-2	HARLO CORP.		X-2305	123159	H/32 617	A-3 AUX		E13064	22E-1-3203	
												FUNCTION/SERVICE-
RV	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A-3 AUX		E13064	22E-1-3203	
												FUNCTION/SERVICE-
RV	1AP013	480V SWGR. ESS-BUS 137	WEST	TYPE DS	X-2257	103870	H/31 617	A-3 AUX		591F616 /	22E-1-3203	0007
												FUNCTION/SERVICE- POWER FEED TO CONTMT COOL FAN 1C
RV	1AP014	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A-3 AUX		591F616 /	22E-1-3203	0008
												FUNCTION/SERVICE- POWER FEEDS TO CONTMT COOL FANS 1A & 1D
RV	1AP015	480V SWGR. ESS-BUS 139	WEST	TYPE DS	X-2257	103870	H/34 617	A-3 AUX		591F616 /	22E-1-3203	0009
												FUNCTION/SERVICE- POWER FEEDS TO CONTMT COOL FANS 1B & 1E

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV	1AB0185	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/26 617	A-7	AUX		22E-1-3206	X069
					FUNCTION/SERVICE-	CONTAINMENT PURGE ISOLATION VALVE						
RV	1AB0186	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/26 617	A-7	AUX		22E-1-3206	X070
					FUNCTION/SERVICE-	CONTAINMENT PURGE ISOLATION VALVE						
SI	1CB007	MCB-C&VC SYS	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
					FUNCTION/SERVICE-							
SI	1CB008	MCB-ESF DIV 17	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
					FUNCTION/SERVICE-	CONT & INDIC FOR SAFETY INJ SYS PUMPS AND VLVS						
SI	1CB009	MCB-ESF DIV 18	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
					FUNCTION/SERVICE-	CONT & INDIC FOR SAFETY INJ SYS PUMPS AND VLVS						
SI	1CB010	MCB-ESF DIV 19	WE		X-22005	382557	H/23 642	A-1	AUX		22E-0-3090	
					FUNCTION/SERVICE-	CONT & INDIC FOR SAFETY INJ SYS VLVS						
SI	1CB012	MCB-BOP PORTION OF ESF	WE		X-22005	382557	G/23 642	A-1	AUX		22E-0-3090	
					FUNCTION/SERVICE-							
SI	1CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
					FUNCTION/SERVICE-							
SI	1CB033	ESF SAF ACT LOGIC B	WE		X-22005	382557	H/27 642	A-1	AUX		22E-0-3089	
					FUNCTION/SERVICE-							
SI	1CB035	NSSS AUX RLY RACK	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
					FUNCTION/SERVICE-							
SI	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/26 642	A-1	AUX		22E-0-3089	
					FUNCTION/SERVICE-							
SI	1CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/28 642	A-1	AUX		22E-0-3089	
					FUNCTION/SERVICE-							

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SI	1CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1CB087	INSTR DIST BUS 111	FISH-H		X-2329	119387	H/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1CB089	INSTR DIST BUS 112	FISH-H		X-2329	119387	K/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1CB091	INSTR DIST BUS 113	FISH-H		X-2329	119387	K/28 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
S	1CB096	SAFEGUARDS TEST CAB A	WE		X-2200S	382557	G/29 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1CB097	SAFEGUARDS TEST CAB B	WE		X-2200S	382557	G/29 642		A-1 AUX		22E-0-3089	
		FUNCTION/SERVICE-										
SI	1S1003	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/24 560'-0"		A13 AUX	N/A	FC-45648	M-64 A001
		FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 1A										
SI	1S1004	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/25 560'-0"		A13 AUX	N/A	FC-45648	M-64 A001
		FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 1B										
SI	1S1003	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/24 560'-0"		A13 AUX	N/A	FC-45648	M-64 A001
		FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 1A										
SI	1S1004	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/25 560'-0"		A13 AUX	N/A	FC-45648	M-64 A001
		FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 1B										

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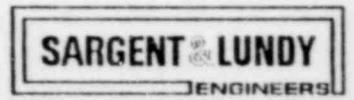
COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1MOV-S18804A	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/23 567'-6"	A13 AUX	N/A	93-12862	M-62	A002
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 1A												
SI	1MOV-S18804B	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/23 559'-6"	A13 AUX	N/A	93-12862	M-64	A002
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI	1MOV-S18804A	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/23 567'-6"	A13 AUX	N/A	93-12862	M-62	A002
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 1A												
SI	1MOV-S18804B	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/23 559'-6"	A13 AUX	N/A	93-12862	M-64	A002
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI	1MOV-S18807A	VALVE MOTOR OPERATOR	LIMIT	SMB-000	G-676258	103251	L/23 567'-4"	A7 AUX	N/A	93-13114	M-64	A003
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS SUCTION												
SI	1MOV-S18807B	VALVE MOTOR OPERATOR	LIMIT	SMB-000	G-676258	103251	L/23 569'-4"	A7 AUX	N/A	93-13114	M-64	A003
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS SUCTION												
SI	1MOV-S19010A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	K/24 568'-0"	A13 AUX	N/A	93-13106	M-64	A005
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP												
SI	1MOV-S19010B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	L/24 568'-0"	A13 AUX	N/A	93-13106	M-521	A005
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP												
SI	1MOV-S19010A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	K/24 568'-0"	A13 AUX	N/A	93-13106	M-64	A005
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP												
SI	1MOV-S19010B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	L/24 568'-0"	A13 AUX	N/A	93-13106	M-521	A005
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP												
SI	1MOV-S18811A	VALVE MOTOR OPERATOR	LIMIT	SMB-3	G-676258	103251	M/23 557'-0"	A11-AUX	N/A	93-12861	M-65	A006
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP												
SI	1MOV-S18811B	VALVE MOTOR OPERATOR	LIMIT	SMB-3	G-676258	103251	M/23 557'-0"	A11-AUX	N/A	93-12861	M-65	A006
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP												

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SI	1MOV-S18811A	VALVE MOTOR OPERATOR	LIMIT SMB-3	G-676258	103251	M/23 557'-0''	A11 AUX	N/A	93-12861	M-65	A006
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP											
SI	1MOV-S18811B	VALVE MOTOR OPERATOR	LIMIT SMB-3	G-676258	103251	M/23 557'-0''	A11 AUX	N/A	93-12861	M-65	A006
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP											
SI	1MOV-S18812A	VALVE MOTOR OPERATOR	LIMIT SMB-1	G-676258	103251	M/23 559'-0''	A7 AUX	N/A	93-12858	M-65	A009
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	1MOV-S18812B	VALVE MOTOR OPERATOR	LIMIT SMB-1	G-676258	103251	M/23 567'-0''	A7 AUX	N/A	93-12858	M-65	A009
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	1MOV-S18806	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	103251	L/25 572'-0''	A13 AUX	N/A	93-13428	M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	1MOV-S18923A	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	103251	L/24 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	1MOV-S18923B	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	103251	L/25 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	1MOV-S18806	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	103251	L/25 572'-0''	A13 AUX	N/A	93-13428	M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	1MOV-S18923A	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	103251	L/24 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	1MOV-S18923B	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	103251	L/25 569'-0''	A13 AUX	N/A		M-64	A011
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST											
SI	1MOV-S18812A	LIMIT SWITCH	NAMCO DX-2400	G-676258	103251	M/23 559'-0''	A7 AUX	N/A	93-12858	M-65	A014
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST											
SI	1MOV-S18812B	LIMIT SWITCH	NAMCO DX-2400	G-676258	103251	M/23 567'-0''	A7 AUX	N/A	93-12858	M-65	A014
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST											

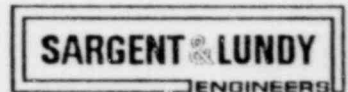


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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1MOV-SI8804A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/23 567'-6"	A13 AUX	N/A	93-12862	M-62	AO15
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 1A												
SI	1MOV-SI8804B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/23 559'-6"	A13 AUX	N/A	93-12862	M-64	AO15
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI	1MOV-SI8806	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/25 572'-0"	A13 AUX	N/A	93-13428	M-64	AO15
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	1MOV-SI8804A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/23 567'-6"	A13 AUX	N/A	93-12862	M-62	AO15
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS FROM RH EXCH 1A												
SI	1MOV-SI8804B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/23 559'-6"	A13 AUX	N/A	93-12862	M-64	AO15
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI	1MOV-SI8806	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/25 572'-0"	A13 AUX	N/A	93-13428	M-64	AO15
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	1LT-920	LEVEL TRANSMITTER	F&P KBBABAB	13D2429	X-2200	104253	M/22 560'-0"	A7 AUX	N/A		M-44,M-295	M101
FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK												
SI	1LT-921	LEVEL TRANSMITTER	F&P KBBABAB	13D2429	X-2200	104253	M/22 560'-0"	A7 AUX	N/A		M-44,M-295	M101
FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK												
SI	1FT-970A	FLOW TRANSMITTER	F&P JBBABAB	10B2495	X-2200	104253	J/22 542'-0"	A7 AUX	N/A		M-62,M-295	M104
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX B OUT FOR SI												
SI	1FT-971A	FLOW TRANSMITTER	F&P JBBABAB	10B2495	X-2200	104253	J/22 542'-0"	A7 AUX	N/A		M-62,M-295	M104
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX A OUT FOR SI												
SI	1FT-922	FLOW TRANSMITTER	F&P	10B2496	X-2200	104253	L/23 560'-0"	A7 AUX	N/A		M-64,M-297	M105
FUNCTION/SERVICE:SI PUMP 1A DISCH. FLOW INDICATION/SI PUMP 1A DISCH.												
SI	1PT-923	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	L/23 560'-0"	A7 AUX	N/A		M-64,M-297	M107
FUNCTION/SERVICE:SI PUMP 1A DISCH. PRESSURE INDICATION/SI PUMP 1A DISCH.												

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 1PT-947	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	R/23 617'-0''	A7	AUX	N/A		M-64,M-288	M107
FUNCTION/SERVICE: BORON INJ. TANK PRESSURE INDICATION AND ALARM/BORON INJ. TANK												
SI 1PT-935	PRESSURE TRANSMITTER	BARTON	345	X-2200		K/25 560'-0''	A7	AUX	N/A		M-64,M-297	M108
FUNCTION/SERVICE: SI PUMP 1B DISCH. PRESSURE INDICATION/SI PUMP 1B DISCH.												
SI 1FT-932	FLOW TRANSMITTER	BARTON		X-2200		K/25 560'-0''	A7	AUX	N/A		M-64,M-297	M109
FUNCTION/SERVICE: SI PUMP 1B DISCH. FLOW INDICATION/SI PUMP 1B DISCH.												
SI 1FT-934	FLOW TRANSMITTER	BARTON		X-2200		L/23 560'-0''	A7	AUX	N/A		M-64,M-297	M109
FUNCTION/SERVICE: CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE												
SI 1FI-924	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE												
SI 1FI-925	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE												
SI 1FI-926	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE												
SI 1FI-927	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE												
SI 1FI-947	FLOW INDICATOR	WEST	VX-252	X-2200	138768	G/23 642'-0''	A1	AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: SI PUMP 1A DISCH. FLOW INDICATION/SI PUMP 1A DISCH.												
SI 1FI-970A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI												
SI 1FI-971A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI												
SI 1LI-920	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1	AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK												

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*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN DUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1LI-921	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK												
SI	1PI-923	PRESSURE INDICATOR	WEST	VX-252	X-2200	138768	G/23 642'-0''	A1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE: SI PUMP 1A DISCHARGE PRESSURE INDICATION/SI PUMP 1A DISCH.												
SI	1PI-947	PRESSURE INDICATOR	WEST	VX-252	X-2200	138768	H/23 642'-0''	A1 AUX	N/A		22E-1-4303	M110
FUNCTION/SERVICE: BORON INJ. TANK PRESSURE INDICATION/BORON INJ. TANK												
SI	1PI-960	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE												
SI	1PI-961	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE												
SI	1PI-962	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE												
SI	1PI-963	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE												
SI	1PI-964	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE												
SI	1PI-965	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE												
SI	1PI-966	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE												
SI	1PI-967	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE												
SI	1FI-932	FLOW INDICATOR	WESCH- LER		X-2200	138768	G/23 642'-0''	A1 AUX	N/A		22E-2-4304	M111
FUNCTION/SERVICE: SI PUMP 1B DISCH. FLOW INDICATION/SI PUMP 1B DISCH.												

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	IFI-934	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/23 642'-0''	A1 AUX	N/A		22E-1-4303	M111
FUNCTION/SERVICE: CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE												
SI	IFI-970B	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/23 642'-0''	A1 AUX	N/A		22E-2-4304	M111
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI												
SI	IFI-971B	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/23 642'-0''	A1 AUX	N/A		22E-2-4304	M111
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI												
SI	IFI-934	PRESSURE INDICATOR	WESCH- LER		X-2200	138768	G/23 642'-0''	A1 AUX	N/A		22E-1-4304	M111
FUNCTION/SERVICE: SI PUMP 1B DISCHARGE PRESSURE INDICATION/SI PUMP 1B DISCH.												
SI	IFI-934	PRESSURE INDICATOR	WESCH- LER		X-2200	138768	J/17 642'-0''	A1 AUX	N/A		22E-2-4304	M111
FUNCTION/SERVICE: SI PUMP 2B DISCHARGE PRESSURE INDICATION/SI PUMP 2B DISCH.												
SI	1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E-1-3203	Q001
FUNCTION/SERVICE: POWER SUPPLY FOR SAFETY INJ. SYS PUMP 1A												
SI	1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E-1-3203	Q002
FUNCTION/SERVICE: POWER SUPPLY FOR SAFETY INJ. SYS PUMP 1B												
SI	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX		75C247958 SH.18	22E-1-3203	Q013
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLV5 1MOV-S18800A,00C,01A,05A,08A,08D,13												
SI	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX		75C247958 SH.26	22E-1-3203	Q015
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLV5 1MOV-S18808C												
SI	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	103869	L/23 560	A-7 AUX		75C247958 SH.24	22E-0-3056	Q016
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLV5 1MOV-S18802,04B,06,09B,11B,14,8923B												
SI	1AP036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	I/23 617	A-7 AUX		75C247958 SH.28	22E-0-3059	Q017
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLV5 1MOV-S18800B,04A,07A,11A,12A,12B,												
SI	1AP046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A-7 AUX		75C247958 SH.20	22E-0-3051	Q018
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS VLV5 1MOV-S18800D,8923A,9010A,9011A												

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1AP090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617		A-3 AUX	75C247958 SH.22	22E-1-3203	0019
												FUNCTION/SERVICE-PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18808B
SI	1AP091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	103869	G/24 560		A-7 AUX	75C247958 SH.25	22E-0-3056	0020
												FUNCTION/SERVICE-PWR SUP FOR SAF INJ SYS VLVS 1MOV-S18807B,9010B,9011B
SI	1AP092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103859	P/21 560		A-7 AUX	75C247958 SH.29	22E-0-3059	0021
												FUNCTION/SERVICE-PWR SUP FOR SAF INJ SUS VLVS 1MOV-S18801B,03B,09A
SI	1AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560		A-7 AUX		22E-0-3059	0035
												FUNCTION/SERVICE-PWR SUP FOR SAF INJ SYS MOV HEATERS
SI	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617		A-3 AUX	E13064-SH01A	22E-1-3203	1001
												FUNCTION/SERVICE-
SI	1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617		A-3 AUX	E13064-SH01B	22E-1-3203	1003
												FUNCTION/SERVICE-
SI	1AB0044	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/23 560		A-7 AUX		22E-1-3208	X150
												FUNCTION/SERVICE-RHR SYS TO SI PUMPS VLV 1MOV-S18804B
SI	1AB0052	JUNCTION BOX	FISH-H EM-47150		X-2329	119387	L/23 560		A-7 AUX		22E-1-3208	X152
												FUNCTION/SERVICE-RHR SYS TO SI PUMPS VLV 1MOV-S18804A
SI	1AB0570	JUNCTION BOX PENET 6.1 MFR					M/23 560		A-7 AUX		22E-1-3208	X152
												FUNCTION/SERVICE-RECIRC. PUMP TO RHR PUMP 1A VLV 1MOV-S18811A
SI	1AB0571	JUNCTION BOX PENET 6.1 MFR					M/23 560		A-7 AUX		22E-1-3208	X153
												FUNCTION/SERVICE-RECIRC PUMP TO RHR PUMP 1A VLV 1MOV-S18811B
SS	1CB013	MCB-PROCESS RAD. MON. CAB.	WE		X-22005	382557	G/23 642		A-1 AUX		22E-0-3090	
												FUNCTION/SERVICE-
SS	1CB008	MCB-ESF DIV 17	HARLO		X-22005	382557	H/23 642		A-1 AUX	E-12942 SH.8	22E-0-3090	5025
												FUNCTION/SERVICE-

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		COMPONENT/EQUIPMENT	MFR								
SS	1CB009	MCB ESF DIV 18	HARLO	X-22005	382557	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	S026
			FUNCTION/SERVICE-								
SS	1CB011	MCB ESF CONT ISOL	HARLO	X-2291	109918	H/23 642	A-1 AUX		E-12942 SH.8	22E-0-3090	S028
			FUNCTION/SERVICE-								
SS	1EP24	ESS AUX RLY CAB 17-1	HARLO CORP.	X-2305	123159	G/30 617	A-3 AUX		E13064-SH01A	22E-1-3203	T001
			FUNCTION/SERVICE-								
SS	1EP27	ESS AUX RLY CAB 18-2	HARLO CORP.	X-2305	123159	H/32 617	A-3 AUX		E13064-SH01E	22E-1-3203	T004
			FUNCTION/SERVICE-								
SW	1AB0039	JUNCTION BOX				K/23 560	A-7 AUX			22E-0-3057	
			FUNCTION/SERVICE-AUX BLDG COOLER HEADER ISOL VLV OMOV-SW0020								
SW	1AP035	480V AUX BLDG ESS MCC 1383A	GE	7700 LINE	X-2260	L/23 560	A-7 AUX			22E-0-3056	
			FUNCTION/SERVICE-PWR SUPPLY SW SYS VLVS OMOV-SW0007, 1MOV-SW0001, 003, 005, 006, 007, 100, 101, 104, 106, 107								
SW	1AP036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	L/23 617	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-POWER SUPPLY SW SYS VLVS OMOV-SW0008, 012, 014, 1MOV-SW0002, 102, 103, 115, 116								
SW	1AP046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	K/26 542	A-7 AUX			22E-0-3051	
			FUNCTION/SERVICE-POWER SUPPLY SW SYS VLV 1MOV-SW0009								
SW	1AP091	480V AUX BLDG ESS MCC 1383B	GE	7700 LINE	X-2260	G/24 560	A-7 AUX			22E-0-3056	
			FUNCTION/SERVICE-POWER SUPPLY SW SYS VLV 1MOV-SW0008								
SW	1AP093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	P/21 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-POWER SUPPLY SW SYS VLVS 1MOV-SW0004, 010, 011, 105								
SW	1EP30	CONTMT SPRY PU 1C CON.PNL	DRESS. INDUS.	X-2247	105582	N/21 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-								
SW	0CB004	GENERAL SERV. PANEL	HARLO	X-2291		G/20 642	A-1 AUX		E12945 SH.8	22E-0-3083	
			FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS								

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PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 1AB0455	JUNCTION BOX					G/20 630	A-4 AUX			22E-0-3083	
											FUNCTION/SERVICE-SW SYS PUMP 1A PRESSURE SWITCH 1PSL-SW146
SW 1AB0456	JUNCTION BOX					G/20 630	A-4 AUX			22E-0-3083	
											FUNCTION/SERVICE-SE SYS PUMP 1B PRESSURE SWITCH 1PSL-SW147
SW 1AB0457	JUNCTION BOX					G/20 630	A-4 AUX			22E-0-3083	
											FUNCTION/SERVICE-SW SYS BOOSTER PUMP 0B PRESSURE SWITCH 0PSL-FP16 FUNCTION/SERVICE-SW SYS PUMP 1C PRESSURE SWITCH 1PSL-SW148 FUNCTION/SERVICE-SW SYS STRAINER BACKWASH LINE SHUTOFF VLV OFCV-SW54
SW 1AB0582	JUNCTION BOX					H/31 630	A-4 AUX			22E-1-3204	
											FUNCTION/SERVICE-DIESEL GEN 0, 1A&1B HEAT EXCHANGER SW SYS VLV OMOV-SW0007
SW 1AB0583	JUNCTION BOX					J/33 630	A-4 AUX			22E-1-3204	
											FUNCTION/SERVICE-DIESEL GEN 0, 1A&1B HEAT EXCHANGER SW SYS VLV OMOV-SW0008
SW 1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E 1-3203	
											FUNCTION/SERVICE-POWER FEED TO SW SYS WATER PUMP 1A
SW 1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E 1-3203	
											FUNCTION/SERVICE-POWER FEED TO SW SYS WATER PUMP 1B
SW 1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E 1-3203	
											FUNCTION/SERVICE-POWER FEED TO SW SYS WATER PUMP 1C
SW 1AP015	480V SWGR. ESS-BUS 159	WEST	TYPE DS	X-2257	103870	H/34	A-3 AUX		591F616 /	22E 1-3203	
											FUNCTION/SERVICE-POWER SUPPLY TO SW SYS BOOSTER PUMP 0B
SW 1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260		J/31 617	A-3 AUX			22E-1-3203	
											FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLVS 1MOV-SW0017, 019, 110 AND MTR HTR 1SW001
SW 1AP031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A-3 AUX			22E-0-3059	
											FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLVS 1MOV-SW0108, 016

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SW 1APO33	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260		H/34 617	A-3 AUX			22E-1-3203	
	FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLVS 1MOV-SW0018,109										
SW 1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
	FUNCTION/SERVICE-										
SW 1CB009	MCB-ESF DIV 18	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
	FUNCTION/SERVICE-CONTROL AND INDICATION SW SYS PUMPS AND VALVES										
SW 1CB010	MCB-ESF DIV 19	WE		X-2200S	382557	H/23 642	A-1 AUX			22E-0-3090	
	FUNCTION/SERVICE-CONTROL AND INDICATION SW SYS PUMPS AND VALVES										
SW 1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/26 642	A-1 AUX			22E-0-3089	
	FUNCTION/SERVICE-										
SW 1LP08	DG 0 DIESEL START-UP	COOP-B		X-2246		H/32 592	A-5 AUX			22-E-03402	
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS										
SW 1LP10	DG 1A DIESEL START-UP	COOP-B		X-2246		H/33 592	A-5 AUX			22E-1-3202	
	FUNCTION/SERVICE-										
SW 1LP12	DG 2A DIESEL START-UP	COOP-B		X-2246		H/33 592	A-5 AUX			22E-1-3203	
	FUNCTION/SERVICE-										
SW 1LP24	ESS AUX RLY CAB 17-1	HARLO CORP.		X-2305	123159	J/30 617	A-3 AUX			2EE-1-3203	
	FUNCTION/SERVICE-										
SW 1LP26	ESS AUX RLY CAB 18-1	HARLO CORP.		X-2305	123159	J/32 617	A-3 AUX			2EE-1-3203	
	FUNCTION/SERVICE-										
SW 1LP28	ESS AUX RLY CAB 19-1	HARLO CORP.		X-2305	123159	J/33 617	A-3 AUX			2EE-1-3203	
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS VALVES										
SW 1LP29	ESS AUX RLY CAB 19-2	HARLO CORP.		X-2305	123159	H/33 617	A-3 AUX			2EE-1-3203	
	FUNCTION/SERVICE-										

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SW 1LP61	LOC CONT STA SWGR RM DIV 17			X-2329		J/30 617	A-3 AUX			22E-1-3203	
				FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS							
SW 1LP62	LOC CONT STA SWGR RM DIV 19			X-2329		J/32 617	A-3 AUX			22E-1-3203	
				FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS							
SW 1SW001	PUMP MOTOR UNIT	WEST	TYPE CS-B5A	X-2236		CC/108 594'-0''	P1 CRIB	N/A	6542D10	M-32-1	C751
				FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR							
SW 1SW002	PUMP MOTOR UNIT	WEST	TYPE CS-V5A	X-2236		CC/110 594'-0''	P1 CRIB	N/A	6542D10	M-32-1	C751
				FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR							
SW 1SW003	PUMP MOTOR UNIT	WEST	TYPE CS-V5A	X-2236		CC/112 594'-0''	P1 CRIB	N/A	6542D10	M-32-1	C751
				FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR							
SW 0SW006	PUMP MOTOR UNIT	WEST	TALG	X-2247		CC/109 594'-0''	P1 CRIB	N/A	FC-45788	M-32-1	C752
				FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER BOOSTER PUMP							
SW 0SW007	PUMP MOTOR UNIT	WEST	TALG	X-2247		CC/109 594'-0''	P1 CRIB	N/A	FC-45788	M-32-1	C752
				FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER BOOSTER PUMP							
SW 0MDV-SW0003	VALVE MOTOR OPERATOR	LMTQ	SMB-1	X-2218	398321	BB/107 598'-0''	P1 CRIB	N/A	037392-2	M-32-2	C755
				FUNCTION/SERVICE:ACTUATES VALVE/							
SW 0MDV-SW0004	VALVE MOTOR OPERATOR	LMTQ	SMB-1	X-2218	398321	BB/107 508'-0''	P1 CRIB	N/A	037392-2	M-32-2	C755
				FUNCTION/SERVICE:ACTUATES VALVE/							
SW 0MDV-SW012	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/21 550'-0''	A7 AUX	N/A		M-32-2	C758
				FUNCTION/SERVICE:ACTUATES VALVE/							
SW 0MDV-SW013	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/21 550'-0''	A7 AUX	N/A		M-32-2	C758
				FUNCTION/SERVICE:ACTUATES VALVE/							
SW 0MDV-SW014	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/20 550'-0''	A7 AUX	N/A		M-32-2	C758
				FUNCTION/SERVICE:ACTUATES VALVE/							

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SW OMOV-SW015	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2302	109905	G/20 550'-0''	A7 AUX	N/A		M-32-2	C758
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0001	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	G/22 560'-0''	A7 AUX	N/A	037392-2	M-32-2	C759
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0002	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	G/22 566'-0''	A7 AUX	N/A	037392-2	M-32-2	C759
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0003	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 566'-0''	A7 AUX	N/A	037392-2	M-32-2	C759
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0004	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 565'-0''	A7 AUX	N/A	037392-2	M-32-2	C759
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0005	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 565'-0''	A7 AUX	N/A	037392-2	M-32-2	C759
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0006	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/23 565'-0''	A7 AUX	N/A	037392-2	M-32-2	C759
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW OMOV-SW0007	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218		G/21 552'-0''	A7 AUX	N/A	037402	M-32-2	C760
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW OMOV-SW0008	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218		G/20 552'-0''	A7 AUX	N/A	037402	M-32-2	C760
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW OMOV-SW0009	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218		G/20 546'-0''	A7 AUX	N/A	037402	M-32-2	C760
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW OMOV-SW0010	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218		G/21 599'-0''	A7 AUX	N/A	037402	M-32-2	C760
				FUNCTION/SERVICE: ACTUATES VALVE/							
SW 1MOV-SW0111	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P1 CRIB	N/A	Y-121275	M-32-1	C761
				FUNCTION/SERVICE: ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER							

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								IN	OUT				
SW	1MOV-SW0112	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P1	CRIB	N/A	Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER													
SW	1MOV-SW0113	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P1	CRIB	N/A	Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER													
SW	1MOV-SW0114	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/112 594'-0''	P1	CRIB	N/A	Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER													
SW	0MOV-SW0005	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	BB/107 598'-0''	P1	CRIB	N/A	037392-2	M-32-2	C762
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	0MOV-SW0006	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	BB/107 598'-0''	P1	CRIB	N/A	037392-2	M-32-2	C762
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	1MOV-SW0007	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/23 565'-0''	A7	AUX	N/A	037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	1MOV-SW0008	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22 568'-0''	A7	AUX	N/A	037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	1MOV-SW0009	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22 568'-0''	A7	AUX	N/A	037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	1MOV-SW0010	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22 568'-0''	A7	AUX	N/A	037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	1MOV-SW0011	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/22 568'-0''	A7	AUX	N/A	037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/													
SW	1PI-SW17	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		G/20 542'-0''	A7	AUX	N/A		M-32,M-299	M502
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATION													
SW	1PI-SW17	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/23 642'-0''	A1	AUX	N/A		M-32,M-299	M503
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATON													

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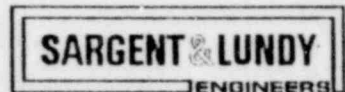
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SW 1PI-SW107	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/23 642'-0''	A1 AUX	N/A		M-32,M-299	M503
											FUNCTION/SERVICE: SERVICE WATER HEADER PRESSURE INDICATOR
SW 1A055	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458	X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q035
											FUNCTION/SERVICE-POWER SUPPLY SW SYS MOV HEATERS
TV 1LP14	DIESEL GEN 1A VENT SYS	POWERS		X-2286	123163	J/33 592	A-5 D.G.			22E-1-3202	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FAN
TV 1LP15	DIESEL GEN 1B VENT SYS	POWERS		X-2286	123163	J/34 592	A-5 D.G.			22E-1-3202	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FAN
TV 1LP17	SWGR RM VENT SYS PNL 17	POWERS		X-2286	123163	G/31 617	A-3 AUX			22E-1-3203	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FAN
TV 1LP18	SWGR RM VENT SYS PNL 17	POWERS		X-2286	123163	G/31 617	A-3 AUX			22E-1-3203	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FAN
TV 1LP19	SWGR RM VENT SYS PNL 19	POWERS		X-2286	123163	G/35 617	A-3 AUX			22E-1-3203	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FAN
TV 0CB005	HVAC CONTROL PANEL	HARLO		X-2291		K/20 642	A-1 AUX		E12945 SH.11	22E-0-3090	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FANS
TV 0LP29	DIESEL GEN RM VENT SYS PNL	POWERS		X-2286	123163	H/31 592	A-5 D.G.			22E-1-3202	
											FUNCTION/SERVICE- CONT & INDIC TV SYS VENT FANS
TV 1AB0160	JUNCTION BOX					J/31 592	A-5 AUX			22E-1-3202	
											FUNCTION/SERVICE- DG O ROOM VENT FAN
TV 1TV-001	VENT F' MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/30 617'-0''	A3 AUX	N/A		M-378,M-657	F501
											FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL
TV 1TV-002	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/32 617'-0''	A3 AUX	N/A		M-378,M-657	F501
											FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL

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TV 1TV-003	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/34 617'-0''	A3 AUX	N/A		M-378,M-657	F501
			FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL								
TV 0TV-011	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2275		J/31 592'-0''	A5 AUX	N/A		M-378,M-657	F502
			FUNCTION/SERVICE: DIESEL GENERATOR RM/TEMPERATURE CONTROL								
TV 1TV-009	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/34 592'-0''	A5 AUX	N/A		M-378,M-657	F502
			FUNCTION/SERVICE: DIESEL GENERATOR ROOM/TEMPERATURE CONTROL								
TV 1TV-010	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/33 592'-0''	A5 AUX	N/A		M-378,M-657	F502
			FUNCTION/SERVICE: DIESEL GENERATOR ROOM/TEMPERATURE CONTROL								
TV 1TV-012	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/34 642'-0''	T1 TURB	N/A		M-378,M-657	F503
			FUNCTION/SERVICE: FUEL OIL ROOM/FUME EXHAUST								
TV 1TV-013	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/34 642'-0''	T1 TURB	N/A		M-378,M-657	F503
			FUNCTION/SERVICE: FUEL OIL ROOM/FUME EXHAUST								
TV 1TV-151	VENT FAN MOTOR	GE	FT-108/375HP	X-2276		J/33 592'-0''	A5 AUX	N/A		M-378,M-657	F504
			FUNCTION/SERVICE: TURBINE BLDG VENT SYSTEM CONTROLS/AIR COMPRESSOR								
TV 1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E 1-3203	0001
			FUNCTION/SERVICE- CONTROL INTERLOCK TV SYS FANS								
TV 1AP007	4160V SWGR. ESS-BUS 148	ITE	TYPE 5 HK- 350	X-2240	103443	G/33 617	A-3 AUX		33-45122-E-32	22E 1-3203	0002
			FUNCTION/SERVICE- CONTROL INTERLOCK TV SYS FANS								
TV 1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E 1-3203	0003
			FUNCTION/SERVICE- CONTROL INTERLOCK TV SYS FANS								
TV 1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX			22E-1-3203	0013
			FUNCTION/SERVICE- POWER SUPPLY SWGR RM EL 617 VENT FAN 1 (1TV001)								
			FUNCTION/SERVICE- POWER SUPPLY DG O RM VENT FAN 0TV011								



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TV 1A031	480V AUX BLDG ESS MCC 1381A	GE	7700 LINE	X-2260	103869	N/19 560	A-3 AUX			22E-0-3059	Q014
			FUNCTION/SERVICE-	POWER SUPPLY SWGR RM EL 617 VENT FAN 2 (1TV002)							
			FUNCTION/SERVICE-	POWER SUPPLY DG 1A RM VENT FAN 1TV009							
TV 1A033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX			22E-1-3203	Q015
			FUNCTION/SERVICE-	POWER SUPPLY SWGR RM EL 617 VENT FAN 1TV003							
			FUNCTION/SERVICE-	POWER SUPPLY DG 1B RM VENT FAN 1TV010							
TV 1A046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A-7 AUX			22E-0-3051	Q018
			FUNCTION/SERVICE-	POWER SUPPLY BATTERY 011 RM EXH FAN 0TV152 52							
TV 1A090	480V AUX BLDG ESS MCC 1381B	GE	7700 LINE	X-2260	103869	J/32 617	A-3 AUX			22E-1-3203	Q019
			FUNCTION/SERVICE-	POWER SUPPLY TURB BLDG VENT STANDBY INSTR AIR COMPR 1TV151							
			FUNCTION/SERVICE-	POWER SUPPLY FUEL OIL TANK RM EXH FAN 1A 1TV012							
VC 1K-1041	JUNCTION BOX		EB214			P/22 587	A11 AUX			22E-1-3407	
			FUNCTION/SERVICE-	DOWNSTREAM RC FILTER DISCHARGE TO HOLD UP TANKS 1FQY-VC23							
VC 1K-1041	JUNCTION BOX		EB214			P/22 587	A11 AUX			22E-1-3407	
			FUNCTION/SERVICE-	DOWNSTREAM RC FILTER DISCHARGE TO HOLD UP TANKS 1FQY-VC23							
VC 1CB006	MCB-REACTOR CONTROL	WE		X-2200S	382557	K/23 642	A-1 AUX	E-12942		22E-0-3090	
			FUNCTION/SERVICE-	CONTROL AND INDICATION FOR VC SYS VALVES							
VC 1CB007	MCB-C&VC SYS	WE		X-2200S	382557	H/23 642	A-1 AUX	E-12942		22E-0-3090	
			FUNCTION/SERVICE-	CONTROL AND INDICATION FOR VC SYS PUMPS AND VALVES							
VC 1CB008	MCB-ESF DIV 17	WE		X-2200S	382557	H/23 642	A-1 AUX	E-12942		22E-0-3090	
			FUNCTION/SERVICE-								
VC 1CB010	MCB-ESF DIV 19	WE		X-2200S	382557	H/23 642	A-1 AUX	E-12942		22E-0-3090	
			FUNCTION/SERVICE-								
VC 1CB032	ESF SAF ACT LOGIC A	WE		X-2200S	382557	H/28 642	A-1 AUX			22E-0-3089	
			FUNCTION/SERVICE-								

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VC	1CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/27 642	A-1 AUX			22E-O-3089	
											FUNCTION/SERVICE-	
VC	1CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	H/28 642	A-1 AUX			22E-O-3089	
											FUNCTION/SERVICE-	
VC	1CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/26 642	A-1 AUX	303211		22E-O-3089	
											FUNCTION/SERVICE-	
VC	1CB075	PROC I&C COMP INPUT PNL 1	WE		X-2200S	382557	K/28 642	A-1 AUX			22E-O-3089	
											FUNCTION/SERVICE-	
VC	1CE077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/28 642	A-1 AUX	5978D69		22E-O-3089	
											FUNCTION/SERVICE-	CONT & INST FOR VC SYS RCP 1A
VC	1CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/28 642	A-1 AUX	5978D72		22E-O-3089	
											FUNCTION/SERVICE-	CONT & INST FOR VC SYS RCP
VC	1CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557		A-1 AUX			22E-O-3091	
											FUNCTION/SERVICE-	CONT & INSTR FOR VC SYS RCP 1D
VC	1CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557		A-1 AUX			22E-O-3091	
											FUNCTION/SERVICE-	CONT & INSTR FOR VC SYS RCP 1B
VC	1CB095	ESS LOGIC TEST CAB	HARLO CORP		X-2305	123519	H/29 642	A-1 AUX			22E-O-3089	
											FUNCTION/SERVICE-	
VC	1LP24	ESS AUX RLY CAB 17-1	HARLO CORP		X-2305	123159	J/30 617	A-3 AUX	E13064		22E-1-3203	
											FUNCTION/SERVICE-	
VC	1LP28	ESS AUX RLY CAB 19-1	HARLO CORP		X-2305	123159	J/33 617	A-3 AUX	E13064		22E-1-3203	
											FUNCTION/SERVICE-	
VC	1LP29	ESS AUX RLY CAB 19-2	HARLO CORP		X-2305	123159	H/33 617	A-3 AUX	E13064		22E-i-3203	
											FUNCTION/SERVICE-	

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*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	1FT-121	FLOW TRANSMITTER	F&P	10B2496	X-2200		K/22 560'-0''	A7 AUX	N/A		M-55,M-297	N301
												FUNCTION/SERVICE:CHARGING LINE FLOW CONTROL,INDICATION & ALARM/CHARGING LINE
VC	1FI-121A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/23 642'-0''	A1 AUX	N/A		22E-1-4303	N302
												FUNCTION/SERVICE:CHARGING LINE FLOW INDICATION/CHARGING LINE
VC	1AP006	4160V SWGR. ESS-BUS 147	ITE	TYPE 5 HK- 350	X-2240	103443	G/31 617	A-3 AUX		33-45122-E-31	22E-1-3203	Q001
												FUNCTION/SERVICE-POWER SUPPLY FOR CENTRAL CHARGING PUMP 1B
VC	1AP008	4160V SWGR. ESS-BUS 149	ITE	TYPE 5 HK- 350	X-2240	103443	G/34 617	A-3 AUX		33-45122-E-33	22E-1-3203	Q003
												FUNCTION/SERVICE-POWER SUPPLY FOR CENTRAL CHARGING PUMP 1A
VC	1AP014	480V SWGR. ESS-BUS 138	WEST	TYPE DS	X-2257	103870	H/33 617	A-3 AUX		591F616 591F671	22E-1-3203	Q008
												FUNCTION/SERVICE- POWER SUPPLY FOR VC SYS POS DISP CHARGING PUMP 1C (1VCO08)
VC	1AP030	480V AUX BLDG ESS MCC 1371	GE	7700 LINE	X-2260	103869	J/31 617	A-3 AUX		75C247958 18,19	22E-1-3203	Q013
												FUNCTION/SERVICE-PWR SUP FOR VC SYS PUMP 1VCO23 AND VLVS 1LCV-VC112C, 1MOV-VC8105
VC	1AP033	480V AUX BLDG ESS MCC 1391	GE	7700 LINE	X-2260	103869	H/34 617	A-3 AUX		75C247958 26,26A	22E-1-3203	Q015
												FUNCTION/SERVICE- POWER SUPPLY FOR VC SYS PUMP 2VCO24
VC	1AP036	480V AUX BLDG ESS MCC 1393A	GE	7700 LINE	X-2260	103869	L/23 617	A-7 AUX		75C247958 SH.28	22E-0-3059	Q017
												FUNCTION/SERVICE-PWR SUP FOR VC SYS VALVE 1LCV-VC112E S 1LCV-
VC	1AP046	480V AUX BLDG ESS MCC 1372	GE	7700 LINE	X-2260	103869	K/26 542	A-7 AUX		75C247958 SH.20	22E-0-3051	Q018
												FUNCTION/SERVICE-PWR SUP FOR VC SYS PUMP 1VCO07 AND VLVS 1LCV-VC112D, 1MOV-VC8110
VC	1AP092	480V AUX BLDG ESS MCC 1393B	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX		75C247958 SH.29	22E-0-3059	Q021
												FUNCTION/SERVICE-PWR SUP FOR VC SYS PUMP 1VCO06 AND VLVS 1LCV-VC112B, 1MOV-VC8111
VC	1AP093	480V AUX BLDG ESS MCC 1393C	GE	7700 LINE	X-2260	103869	P/21 560	A-7 AUX		75C247958 SH.29A	22E-0-3059	Q022
												FUNCTION/SERVICE-PWR SUP FOR VC SYS VLVS 1MOV-VC8100,06
VC	1AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 19		X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q035
												FUNCTION/SERVICE-PWR SUP FOR VC SYS MOV HTRS

APPENDIX C.2

IDENTIFICATION SHEETS

UNIT 1 "CONTAINMENT"

COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
								IN	OUT				
	AP 1EP021	ELECT.PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C-1	RB		R19D2226G	2EE-1-3206	RO04
		FUNCTION/SERVICE- CONT CABLE PENET POWER FEED TO HTRS/VLVS 1MOV-S18808B,-RH8702,3											
	AP 1EP049	ELECT.PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1	RB		R19D2226G	2EE-1-3206	RO09
		FUNCTION/SERVICE- CONT CA PENET PWR FEED TO HTRS/VLVS 1MOV-S18808A&D,-S18800A,C,D											
	AP 1EP051	ELECT.PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1	RB		R19D2226G	2EE-1-3206	RO10
		FUNCTION/SERVICE- CONT CABLE PENET POWER FEED TO HTRS/VLVS 1MOV-RCB000A&B,-S18008E&C											
	AR 1RE-AR01	RADIATION DETECTOR	NMC	GA-2TM	X-2333		Z/4 617'-0''	C-1	CONT			M-288	MRO1
		FUNCTION/SERVICE:ALARM & RECORDING/CONTAINMENT											
	AR 1EP045	ELECT.PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/28 617	C-1	RB		R19D2227G	2EE-1-3206	RO07
		FUNCTION/SERVICE-											
	CI 1RB0052	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/10 570	C-1	RB			22E-1-3247	
		FUNCTION/SERVICE-STM GEN 1C BLOWDOWN ISOL. VLV 1A0V-BD0005											
	CI 1RB0053	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/10 570	C-1	RB			22E-1-3247	
		FUNCTION/SERVICE-STM GEN 1A BLOWDOWN ISOL. VLV 1A0V-BD0007											
	CI 1RB0067	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/16 570	C-1	RB			22E-1-3246	
		FUNCTION/SERVICE-STM GEN 1D BLOWDOWN ISOL. VLV 1A0V-BD0003											
	CI 1RB0074	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/16 570	C-1	RB			22E-1-3246	
		FUNCTION/SERVICE-STM GEN 1B BLOWDOWN ISOL. VLV 1A0V-BD0001											
	CI 1RB0148	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/16 570	C-1	RB			22E-1-3246	
		FUNCTION/SERVICE-STM GEN 1B BLOWDOWN ISOL. VLV 1A0V-BD0002											
	CI 1RB0148	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/16 570	C-1	RB			22E-1-3246	
		FUNCTION/SERVICE-STM GEN 1B BLOWDOWN SAMPLE ISOL VLV 1FCV-5502											
	CI 1RB0149	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/16 570	C-1	RB			22E-1-3246	
		FUNCTION/SERVICE-STM GEN 1D BLOWDOWN SAMPLE ISOL VLV 1FCV-5503											

COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO	COL/ROW ELEVAIN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
								IN	OUT				
CI	1RB0149	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/15 570	C-1	RB			22E-1-3246	
CI	1RB0152	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/10 570	C-1	RB			22E-1-3247	
CI	1RB0152	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/10 570	C-1	RB			22E-1-3247	
CI	1RB0153	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/10 570	C-1	B			22E-1-3247	
CI	1RB0153	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/10 570	C-1	RB			22E-1-3247	
CI	1RB0389	JUNCTION BOX		EB215			215 0 548	C-1	RB			22E-1-3250	
CI	1RB0390	JUNCTION BOX		EB215			Z/10 570	C-1	RB			22E-1-3247	
CI	1RB0391	JUNCTION BOX		EB215			Z/16 570	C-1	RB			22E-1-3246	
FW	1FT-0512	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/7 568'-0''	C1	CONT	ABV		M-20,M-351	M201
FW	1FT-0513	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/7 568'-0''	C1	CONT	ABV		M-20,M-351	M201
FW	1FT-0522	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/12 569'-0''	C1	CONT	ABV		M-20,M-351	M201
FW	1FT-0523	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/12 568'-0''	C1	CONT	ABV		M-20,M-351	M201

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 1FT-0532	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/14 568'-0''	C1	CONT ABV		M-20,M-351	M201
FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM											
FW 1FT-0533	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/14 568'-0''	C1	CONT ABV		M-20,M-351	M201
FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM											
FW 1FT-0542	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/2 568'-0''	C1	CONT ABV		M-20,M-351	M201
FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP B STEAM											
FW 1FT-0543	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/2 568'-0''	C1	CONT ABV		M-20,M-351	M201
FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP B STEAM											
FW 1LT-0517	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/7 568'-0''	C1	CONT BEL		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0518	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/8 568'-0''	C1	CONT BEL		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0519	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/7 568'-0''	C1	CONT ABV		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0527	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/12 568'-0''	C1	CONT BEL		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0528	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/12 568'-0''	C1	CONT ABV		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0529	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/12 568'-0''	C1	CONT BEL		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0537	LEVEL TRANSMITTER	F&P	13D24H5 KBBABBB-NS	X-2200	104253	Z/14 568'-0''	C1	CONT BEL		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											
FW 1LT-0538	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/14 568'-0''	C1	CONT BEL		M-22,M-351	M202
FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL											



COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	1LT-0539	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/14 568'-0''	C1	CONT ABV		M-22, M-351	M202
FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL												
FW	1LT-0547	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/3 568'-0''	C1	CONT BEL		M-22, M-351	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL												
FW	1LT-0548	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/4 568'-0''	C1	CONT BEL		M-22, M-351	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL												
FW	1LT-0549	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/2 568'-0''	C1	CONT ABV		M-22, M-351	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL												
FW	1PT-0514	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/10 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM												
FW	1PT-0515	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/10 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM												
FW	1PT-0516	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/10 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM												
FW	1PT-0524	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/10 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM												
FW	1PT-0525	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/10 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM												
FW	1PT-0526	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/10 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM												
FW	1PT-0534	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/16 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM												
FW	1PT-0535	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/16 560'-0''	C1	CONT		M-20, M-295	M204
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM												

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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW	1PT-0536	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/16 560'-0''	C1	CONT		M-20,M-295	M204
												FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM
FW	1PT-0544	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/16 560'-0''	C1	CONT		M-20,M-295	M204
												FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM
FW	1PT-0545	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/16 560'-0''	C1	CONT		M-20,M-295	M204
												FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM
FW	1PT-0546	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/16 560'-0''	C1	CONT		M-20,M-295	M204
												FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM
FW	1EPO06	ELECT. PENET. E-6	D.G.D.	TYPE 4.1	X-2308	113967	M/28 630	C-1	RB	R1902227G	2EE-1-3206	R001
												FUNCTION/SERVICE-
FW	1EPO15	ELECT. PENET. E-15	D.G.D.	TYPE 4.1	X-2308	113967	M/28 630	C-1	RB	R1902227G	2EE-1-3206	R002
												FUNCTION/SERVICE-
FW	1EPO45	ELECT. PENET. E-45	D.G.D.	TYPE 4.1	X-2308	113967	M/28 617	C-1	RB	R1902227G	2EE-1-3206	R007
												FUNCTION/SERVICE-
FW	1EPO46	ELECT. PENET. E-46	D.G.D.	TYPE 4.1	X-2308	113967	M/28 617	C-1	RB	R1902227G	2EE-1-3206	R008
												FUNCTION/SERVICE-
MS	1RBO137	JUNCTION BOX	FISH-H		X-2329	119387	Z/16 570	C-1	RB		22E-1-3246	
												FUNCTION/SERVICE- MAIN STEAM LINE ISOL VLVS LOOP B & D 1HOV-MS004
MS	1RBO138	JUNCTION BOX	FISH-H		X-2329	119387	Z/16 570	C-1	RB		22E-1-3246	
												FUNCTION/SERVICE- MAIN STEAM LINE ISOL VLVS B & D 1HOV-MS003,4
MS	1RBO139	JUNCTION BOX	FISH-H		X-2329	119387	Z/10 570	C-1	RB		22E-1-3247	
												FUNCTION/SERVICE- MAIN STEAM LINE ISOL VLV LOOP C 1HOV-MS002
MS	1RBO140	JUNCTION BOX	FISH-H		X-2329	119387	Z/10 570	C-1	RB		22E-1-3247	
												FUNCTION/SERVICE- MAIN STEAM LINE ISOL VLV LOOP A,C 1HOV-MS001,2



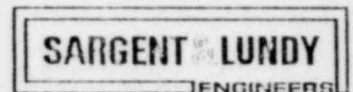
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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD OUT BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS	1RB0141	JUNCTION BOX	FISH-H		X-2329	119387	Z/10 570	C-1	RB		22E-1-3247	
				FUNCTION/SERVICE-								
MS	1RB0146	JUNCTION BOX	FISH-H EB215		X-2329	119387	Z/16 570	C-1	RB		22E-1-3248	
				FUNCTION/SERVICE-								
MS	1RB0387	JUNCTION BOX	EB215				Z/10 570	C-1	RB		22E-1-3247	
				FUNCTION/SERVICE-								
MS	1RB0388	JUNCTION BOX	EB215				Z/16 570	C-1	RB		22E-1-3246	
				FUNCTION/SERVICE-								
MS	1RB0389	JUNCTION BOX	EB215				215 DEG 548	C-1	RB		22E-1-3250	
				FUNCTION/SERVICE-								
MS	1RB0390	JUNCTION BOX	EB215				Z/10 570	C-1	RB		22E-1-3247	
				FUNCTION/SERVICE-								
MS	1RB0391	JUNCTION BOX	EB215				Z/16 570	C-1	RB		22E-1-3246	
				FUNCTION/SERVICE-								
MS	1MOV-MS0005	VALVE MOTOR OPERATOR	LMTQ SMB-00-15		X-2218	398321	Z/10 585'-0"	C1	CONT	037354-2	M-20	C501
				FUNCTION/SERVICE-								
MS	1MOV-MS0006	VALVE MOTOR OPERATOR	LMTQ SMB-00-15		X-2218	398321	Z/16 579'-0"	C1	CONT	037354-2	M-20	C501
				FUNCTION/SERVICE-								
MS	1MOV-MS0011	VALVE MOTOR OPERATOR	LMTQ SMB-00-15		X-2218	398321	Z/16 585'-0"	C1	CONT	037354-2	M-20	C501
				FUNCTION/SERVICE-								
MS	1EPO15	ELECT. PENET. E-15	D.G.O. TYPE 4.1		X-2308	113967	M/28 630	C-1	RB	R19D2227G	2EE-1-3206	R002
				FUNCTION/SERVICE-								
MS	1EPO46	ELECT. PENET. E-46	D.G.O. TYPE 4.1		X-2308	113967	M/28 617	C-1	RB	R19D2227G	2EE-1-3206	R008
				FUNCTION/SERVICE-								

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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
NR	1NE-0031	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N201
					FUNCTION/SERVICE: SOURCE RANGE INDICATION/SOURCE RANGE DETECTOR							
NR	1NE-0032	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N201
					FUNCTION/SERVICE: SOURCE RANGE INDICATION/SOURCE RANGE DETECTOR							
NR	1NE-0035	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N202
					FUNCTION/SERVICE: INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE DETECTOR							
NR	1NE-0036	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N202
					FUNCTION/SERVICE: INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE DETECTOR							
NR	1NM-0031A	PREAMP			X-2200			C1	CONT			N203
					FUNCTION/SERVICE: SOURCE RANGE MONITOR PREAMP							
NR	1NM-0032A	PREAMP			X-2200			C1	CONT			N203
					FUNCTION/SERVICE: SOURCE RANGE MONITOR PREAMP							
NR	1NE-0041A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	1NE-0041B	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	1NE-0042A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	1NE-0042B	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	1NE-0043A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	1NE-0043B	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							

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NR	1NF-0043A	NEUTRON DETECTOR		X-2700			C-1	CONT			N204
				FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	1NF-0044E	NEUTRON DETECTOR		X-2700			C-1	CONT			N204
				FUNCTION/SERVICE: POWER RANGE DETECTOR							
RC	1RB0079	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/7 590	C-1	RB		22E-1-3236	
				FUNCTION/SERVICE-							
RC	1RB0080	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/7 590	C-1	RB		22E-1-3236	
				FUNCTION/SERVICE-							
RC	1RB0081	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/11 590	C-1	RB		22E-1-3237	
				FUNCTION/SERVICE-							
RC	1RB0082	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/11 590	C-1	RB		22E-1-3237	
				FUNCTION/SERVICE-							
RC	1RB0083	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/16 590	C-1	RB		22E-1-3238	
				FUNCTION/SERVICE-							
RC	1RB0084	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/14 590	C-1	RB		22E-1-3238	
				FUNCTION/SERVICE-							
RC	1RB0085	JUNCTION BOX	FISH-H EB215	X-2329	119337	Z/2 590	C-1	RB		22E-1-3238	
				FUNCTION/SERVICE-							
RC	1RB0086	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/1 590	C-1	RB		22E-1-3239	
				FUNCTION/SERVICE-							
RC	1RB0104	JUNCTION BOX	FISH-H EB215	X-2329	119387		C-1	RB		22E-1-3232	
				FUNCTION/SERVICE-							
RC	1RB0106	JUNCTION BOX	FISH-H EB215	X-2329	119387	590	C-1	RB		22E-1-3237	
				FUNCTION/SERVICE-							

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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CDL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	RC 1RB0107	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/9 590	C-1	RE		22E-1-3237	
				FUNCTION/SERVICE-								
	RC 1RB0111	JUNCTION BOX		EB215			Z/7 568	C-1	RB		22E-1-3231	
				FUNCTION/SERVICE-								
	RC 1RB0112	JUNCTION BOX		EB215			Z/7 568	C-1	RB		22E-1-3234	
				FUNCTION/SERVICE-								
	RC 1RB0128	JUNCTION BOX		EB215			Z/1 568	C-1	RE		22E-1-3234	
				FUNCTION/SERVICE-								
	RC 1RB0129	JUNCTION BOX		EB215			Z/2 568	C-1	RE		22E-1-3234	
				FUNCTION/SERVICE-								
	RC 1RB0202	JUNCTION BOX		EB214			Z/7 568	C-1	RB		22E-1-3231	
				FUNCTION/SERVICE-								
	RC 1RB0207	JUNCTION BOX		EB214			Z/10 568	C-1	RB		22E-1-3233	
				FUNCTION/SERVICE-								
	RC 1RB0208	JUNCTION BOX		EB214			Z/16 568	C-1	RE		22E-1-3233	
				FUNCTION/SERVICE-								
	RC 1RB0214	JUNCTION BOX		EB214			Z/1 568	C-1	RB		22E-1-3234	
				FUNCTION/SERVICE-								
	RC 1RB0422	JUNCTION BOX						C-1	RE		22E-1-3231	
				FUNCTION/SERVICE-								
	RC 1RB0423	JUNCTION BOX						C-1	RB		22E-1-3234	
				FUNCTION/SERVICE-								
	RC 1RB0424	JUNCTION BOX					Z/3	C-1	RB		22E-1-3234	
				FUNCTION/SERVICE-								

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CEGD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
RC 1MOV-RC8001A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/8 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8001B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/10 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8001C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/16 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8001D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/1 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8002A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/6 592'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8002B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/11 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8002C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/15 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8002D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/3 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8003A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/7 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8001											
RC 1MOV-RC8003B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/2 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8001											
RC 1MOV-RC8003C	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/15 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8001											
RC 1MOV-RC8003D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/10 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MOV-RC8001 & 1MOV-RC8001											

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FID BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 1MOV-RC8000A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z/3 657'-0''	C1	CONT	88405-2		CO03
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER											
RC 1MOV-RC8000B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z/3 657'-0''	C1	CONT	88405-2		CO03
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER											
RC 1PCV-455C	SOLENOID OPERATOR	ASCO	LB-831654	G-676270	091662		C1	CONT	S-131642R3		CO04
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER											
RC 1PCV-456	SOLENOID OPERATOR	ASCO	LB-831654	G-676270	091662		C1	CONT	S-131642R3		CO04
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER											
RC 1MOV-RC8001A	LIMIT SWITCH	NAMCO	EA180			Z/8 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8001B	LIMIT SWITCH	NAMCO	EA180			Z/10 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8001C	LIMIT SWITCH	NAMCO	EA180			Z/16 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8001D	LIMIT SWITCH	NAMCO	EA180			Z/1 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 1MOV-RC8002A	LIMIT SWITCH	NAMCO	EA180			Z/6 592'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8002B	LIMIT SWITCH	NAMCO	EA180			Z/11 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8002C	LIMIT SWITCH	NAMCO	EA180			Z/15 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 1MOV-RC8002D	LIMIT SWITCH	NAMCO	EA180			Z/3 594'-0''	C1	CONT	ABV	M-52	CO06
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											

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PLANT ID	COMPONENT/ EQUIPMENT	MODEL MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	FLD LFV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 1MOV-RC8003A	LIMIT SWITCH	NAMCO	EA180	G-676258	G70125	Z/7 583'-0''	C1	CONT	ABV	P-418658	M-52	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001												
RC 1MOV-RC8003B	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z/2 583'-0''	C1	CONT	ABV	P-418658	M-52	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001												
RC 1MOV-RC8003C	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z/15 583'-0''	C1	CONT	ABV	P-418658	M-52	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001												
RC 1MOV-RC8003D	LIMIT SWITCH	NAMCO	EA180	G-676258	070125	Z/10 583'-0''	C1	CONT	ABV	P-418658	M-52	C006
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001												
RC 1LT-459	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z/2 568'-0''	C1	CONT	ABV		M-53,M-350	M301
FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC 1LT-460	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z/2 568'-0''	C1	CONT	BEL		M-53,M-350	M301
FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC 1LT-461	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z/4 568'-0''	C1	CONT	ABV		M-53,M-350	M301
FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL												
RC 1FT-414	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z/7 568'-0''	C1	CONT	BEL		M52,M351	M302
FUNCTION/SERVICE:RCLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP A												
RC 1FT-415	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z/7 568'-0''	C1	CONT	ABV		M52,M351	M302
FUNCTION/SERVICE:RCLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP A												
RC 1FT-416	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z/7 568'-0''	C1	CONT	ABV		M52,M351	M302
FUNCTION/SERVICE:RCLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP A												
RC 1FT-424	FLOW TRANSMITTER	F&P PBBABBB-NS	10B2496	X-2200	104253	Z/12 568'-0''	C1	CONT	ABV		M52,M352	M302
FUNCTION/SERVICE:RCLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP C												

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RC 1FT-425	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/12 568'-0''	C1	CONT	ABV		M52,M352	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP C												
RC 1FT-426	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/12 568'-0''	C1	CONT	ABV		M52,M352	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP C												
RC 1FT-434	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/14 568'-0''	C1	CONT	BEL		M52,M352	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP D												
RC 1FT-435	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/14 568'-0''	C1	CONT	ABV		M53,M353	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP D												
RC 1FT-436	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/14 568'-0''	C1	CONT	ABV		M53,M353	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP D												
RC 1FT-444	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/2 568'-0''	C1	CONT	BEL		M53,M353	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP B												
RC 1FT-445	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/2 568'-0''	C1	CONT	BEL		M53,M350	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP B												
RC 1FT-446	FLOW TRANSMITTER	F&P	10B2496 PBBABBE-NS	X-2200	104253	Z/4 568'-0''	C1	CONT	ABV		M53,M350	M302
FUNCTION/SERVICE:RLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP B												
RC 1PT-0455	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/2 568'-0''	C1	CONT	ABV		M-53,M-350	M303
FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												
RC 1PT-0456	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/2 568'-0''	C1	CONT	ABV		M-53,M-350	M303
FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												
RC 1PT-0457	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/4 568'-0''	C1	CONT	ABV		M-53,M-350	M303
FUNCTION/SERVICE-PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE												

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RC	1PT-0458	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/2 568'-0''	C1	CONT. ABV		M-53, M-350	M303
				FUNCTION/SERVICE: PRZR. PRESSURE INDICATION & ALARM, HEATERS & SAFETY+RELIEF VALVES CONTROL, SI INITIATION, REACTOR TRIP/PRZR. PRESSURE								
RC	1TE-0411A	RTD	SOSTMN		X-2200	089212		C1	CONT		M-52	M304
				FUNCTION/SERVICE: LOOP A HOT LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A HOT LEG								
RC	1TE-0411B	RTD	SOSTMN		X-2200	089212		C1	CONT		M-52	M304
				FUNCTION/SERVICE: LOOP A COLD LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A COLD LEG								
RC	1TE-0421A	RTD	SOSTMN		X-2200	089212		C1	CONT		M-52	M304
				FUNCTION/SERVICE: LOOP C HOT LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C HOT LEG								
RC	1TE-0421B	RTD	SOSTMN		X-2200	089212		C1	CONT		M-52	M304
				FUNCTION/SERVICE: LOOP C COLD LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C COLD LEG								
RC	1TE-0431A	RTD	SOSTMN		X-2200	089212		C1	CONT		M-53	M304
				FUNCTION/SERVICE: LOOP D HOT LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP D HOT LEG								
RC	1TE-0431B	RTD	SOSTMN		X-2200	089212		C1	CONT		M-53	M304
				FUNCTION/SERVICE: LOOP D COLD LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP D COLD LEG								
RC	1TE-0441A	RTD	SOSTMN		X-2200	089212		C1	CONT		M-53	M304
				FUNCTION/SERVICE: LOOP B HOT LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP B HOT LEG								
RC	1TE-0441B	RTD	SOSTMN		X-2200	089212		C1	CONT		M-53	M304
				FUNCTION/SERVICE: LOOP B COLD LEG TEMP INDICATIONS & ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP B COLD LEG								

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		MFR						IN	OUT				
RC	1EP006	ELECT. PENET. E-6	D.G.O. TYPE 4.1	X-2308	113967	M/28 630	C-1	RB	R19D2227G	2EE-1-3206	RO01		
			FUNCTION/SERVICE-										
RC	1EP015	ELECT. PENET. E-15	D.G.O. TYPE 4.1	X-2308	113967	M/28 630	C-1	RB	R19D2227G	2EE-1-3206	RO02		
			FUNCTION/SERVICE-										
RC	1EP021	ELECT. PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/28 630	C-1	RB	R19D2226G	2EE-1-3206	RO04		
			FUNCTION/SERVICE-										
RC	1EP045	ELECT. PENET. E-45	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C-1	RB	R19D2227G	2EE-1-3206	RO07		
			FUNCTION/SERVICE-										
RC	1EP046	ELECT. PENET. E-46	D.G.O. TYPE 4.1	X-2308	113967	M/28 617	C-1	RB	R19D2227G	2EE-1-3206	RO08		
			FUNCTION/SERVICE-										
RC	1EP049	ELECT. PENET. E-49	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C-1	RB	R19D2226G	2EE-1-3206	RO09		
			FUNCTION/SERVICE-										
RC	1EP051	ELECT. PENET. E-51	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C-1	RB	R19D2226G	2EE-1-3206	RO10		
			FUNCTION/SERVICE-										
RC	1EP052	ELECT. PENET. E-52	D.G.O. TYPE 3.1	X-2308	113967	M/28 617	C-1	RB	R19D2226G	2EE-1-3206	RO11		
			FUNCTION/SERVICE-										
RH	1EP054	ELECT. PENET. E-54	D.G.O. TYPE 2.2	X-2308	113967	M/28 617	C-1	RB	R19D2224	22E-1-3206			
			FUNCTION/SERVICE-	POWER CABLE PENET FOR RHR VLV 1MOV-RH8701									
RH	1MOV-RH8702	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103273	Z/7 579'-0''	C1	CONT	ABV E-1-144831	M-62	A255		
			FUNCTION/SERVICE:	ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP									
RH	1MOV-RH9701	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103273	Z/5 583'-0''	C1	CONT	ABV E-1-144831	M-62	A255		
			FUNCTION/SERVICE:	ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP									
RH	1MOV-RH8703	VALVE MOTOR OPERATOR	LMTQ SMB-2	G-676258	103273	Z/5 583'-0''	C1	CONT	ABV E-1-144831	M-62	A256		
			FUNCTION/SERVICE:	ACTUATES VALVE/FROM RHR PUMP TO LOOP HOT LEG									

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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RH	1EPO21	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C-1	RB	R19D2226	22E-1-3206	RO04
		FUNCTION/SERVICE - CONTROL CABLE PENET FOR RHR SYS VLVS 1MOV-RH8702.3; 1A0V-RH9009C										
RH	1EPO22	ELECT. PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/28 630	C-1	RB	R19D2224	22E-1-3206	RO05
		FUNCTION/SERVICE - POWER CABLE PENET FOR RHR SYS VLVS 1MOV-RH8702.3										
RH	1EPO51	ELECT. PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1	RB	R19D2226	22E-1-3206	RO10
		FUNCTION/SERVICE - CONTROL CABLE PENET FOR RHR VLV 1MOV-RH8701										
RH	1RBO313	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/5 568	C-1	RB		22E-1-3231	X090
		FUNCTION/SERVICE - LOOP A CHECK VLV TEST LINE 1A0V-90098A										
RH	1RBO314	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/5 568	C-1	RB		22E-1-3231	X091
		FUNCTION/SERVICE - LOOP D CHECK VLV TEST LINE 1A0V-90098B										
RH	1RBO360	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/4 568	C-1	RB		22E-1-3234	X092
		FUNCTION/SERVICE - RHR TO HOT LEG CHECK VLV TEST LINE 1A0V- RH9009C										
RV	1EFO54	ELECT. PENET. E-54	D.G.O.	TYPE 2.2	X-2308	113967	M/28 617	C-1	RB	R19D2224	22E-1-3206	
		FUNCTION/SERVICE - POWER CABLE PENET FOR CONTMT COOL FAN 1E										
RV	1RV001	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234		Z/11 590'-0''	C1	CONT. ABV	5298D31	M-76,M-302	FO01
		FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL										
RV	1RV002	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234		Z/12 590'-0''	C1	CONT. ABV	5298D31	M-76,M-302	FO01
		FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL										
RV	1RV003	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234		Z/15 590'-0''	C1	CONT. ABV	5298D31	M-76,M-302	FO01
		FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL										
RV	1RV004	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234		Z/1 590'-0''	C1	CONT. ABV	5298D31	M-76,M-302	FO01
		FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL										
RV	1RV005	RCFC FAN/MOTOR	WEST.	FRAME-558.5 CSP	X-2234		Z/4 590'-0''	C1	CONT. ABV	5298D31	M-76,M-302	FO01
		FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL										

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
	RV 15V-RV100	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/1 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1D ACCIDENT FLOW INLET DAMPER CONTROL										
	RV 15V-RV101	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/1 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1D NORMAL FLOW INLET DAMPER CONTROL										
	RV 15V-RV102	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/13 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1D ACCIDENT FLOW OUTLET DAMPER CONTROL										
	RV 15V-RV103	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/11 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1E ACCIDENT FLOW INLET DAMPER CONTROL										
	RV 15V-RV104	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/11 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1E NORMAL FLOW INLET DAMPER CONTROL										
	RV 15V-RV105	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/11 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1E ACCIDENT FLOW OUTLET DAMPER CONTROL										
	RV 15V-RV91	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/11 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1A ACCIDENT FLOW INLET DAMPER CONTROL										
	RV 15V-RV92	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/11 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1A NORMAL FLOW INLET DAMPER CONTROL										
	RV 15V-RV93	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/11 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1A ACCIDENT FLOW OUTLET DAMPER CONTROL										
	RV 15V-RV94	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/13 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1B ACCIDENT FLOW INLET DAMPER CONTROL										
	RV 15V-RV95	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/13 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1B NORMAL FLOW INLET DAMPER CONTROL										
	RV 15V-RV96	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/13 590'-0''	C1	CONT.	ABV		I401
		FUNCTION/SERVICE-RCFC 1B ACCIDENT FLOW OUTLET DAMPER CONTROL										

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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/POW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV	1SV-RV97	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/16 590'-0''	C1	CONT. ABV			I401
		FUNCTION/SERVICE-RCFC 1C ACCIDENT FLOW INLET DAMPER CONTROL										
RV	1SV-RV98	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/16 590'-0''	C1	CONT. ABV			I401
		FUNCTION/SERVICE-RCFC 1C NORMAL FLOW INLET DAMPER CONTROL										
RV	1SV-RV99	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/16 590'-0''	C1	CONT. ABV			I401
		FUNCTION/SERVICE-RCFC 1C ACCIDENT FLOW OUTLET DAMPER CONTROL										
RV	1ME-RV42	HUMIDITY SENSOR	TAYLOR	10H5	X-2286		Z/2 625'-0''	C1	CONT. ABV		M-536	M901
		FUNCTION/SERVICE:CONTAINMENT REGION A RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION A										
RV	1ME-RV43	HUMIDITY SENSOR	TAYLOR	10H5	X-2286		Z/14 625'-0''	C1	CONT. ABV		M-536	M901
		FUNCTION/SERVICE:CONTAINMENT REGION B RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION B										
RV	1ME-RV44	HUMIDITY SENSOR	TAYLOR	10H5	X-2286		Z/10 625'-0''	C1	CONT. ABV		M-536	M901
		FUNCTION/SERVICE:CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION C										
RV	1TE-RV42	RTD	ELEC. THERMO	3-WIRE	X-2242			C1			M-536	M904
		FUNCTION/SERVICE:CONTAINMENT REGION A TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION A										
RV	1TE-RV43	RTD	ELEC. THERMO	3-WIRE	X-2242			C1			M-536	M904
		FUNCTION/SERVICE:CONTAINMENT REGION B TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION B										
RV	1TE-RV44	RTD	ELEC. THERMO	3-WIRE	X-2242			C1			M-536	M904
		FUNCTION/SERVICE:CONTAINMENT REGION C TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION C										
RV	1EPO15	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/28 630	C-1	RB	R1902227	22E-1-3206	R002
		FUNCTION/SERVICE- INSTR CABLE PENET FOR RX CONTMT FAN COOLER MOTOR RTD'S										
RV	1EPO21	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C-1	RB	R1902226	22E-1-3206	R004
		FUNCTION/SERVICE- CONTROL CABLE PENET FOR RX CONTMT FAN COOLER CONTROL										
RV	1EPO22	ELECT. PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/28 630	C-1	RB	R1902224	22E-1-3206	R005
		FUNCTION/SERVICE- POWER CABLE PENET FOR CONTMT COOL FAN ID										

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD EUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV 1E0034	ELECT. PENET. E-34	D.G.O. TYPE 2-2	X-2308	113967	M/28 617	C-1	RB	R1902224	22E-1-3206	RO06
		FUNCTION/SERVICE-	POWER CABLE PENET FOR CONTM COOL FAN 1E							
RV 1E0045	ELECT. PENET. E-45	D.G.O. TYPE 4-1	X-2308	113967	M/28 617	C-1	RB	R1902227	22E-1-3206	RO07
		FUNCTION/SERVICE-	INSTR CA PENET FOR RX CONTM FAN COOLER MOTOR RID'S							
RV 1E0046	ELECT. PENET. E-46	D.G.O. TYPE 4-1	X-2308	113967	M/28 617	C-1	RB	R1902227	22E-1-3206	RO08
		FUNCTION/SERVICE-	INSTR CA PENET FOR RX CONTM FAN COOLER MOTOR RID'S							
RV 1E0049	ELECT. PENET. E-49	D.G.O. TYPE 3-1	X-2308	113967	M/28 617	C-1	RB	R1902226	22E-1-3206	RO09
		FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RX CONTM FAN COOLER CONTROL							
RV 1E0051	ELECT. PENET. E-51	D.G.O. TYPE 3-1	X-2308	113967	M/28 617	C-1	RB	R1902226	22E-1-3206	RO10
		FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RX CONTM FAN COOLER DAMPER CONT							
RV 1E0059	ELECT. PENET. E-59	D.G.O. TYPE 2-2	X-2308	113967	M/28 617	C-1	RB	R1902224	22E-1-3206	RO12
		FUNCTION/SERVICE-	POWER CABLE PENET FOR CONTM COOL FAN 1C							
RV 1E0064	ELECT. PENET. E-64	D.G.O. TYPE 2-2	X-2308	113967	M/28 617	C-1	RB	R1902227	22E-1-3206	RO25
		FUNCTION/SERVICE-	POWER CABLE PENET FOR CONTM COOL FAN 1A							
RV 1R0021	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/16 590	C-1	RB		22E-1-3237	X079
		FUNCTION/SERVICE-	CONTAINMENT FAN COOLER DAMPER HEADSET FOR CONTM COOL FAN 1,2,3							
RV 1R0022	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/14 590	C-1	RB		22E-1-3238	X080
		FUNCTION/SERVICE-	CONTAINMENT FAN COOLER DAMPER 1R0003 SOL CONTROL 1SV RV094,5,6							
RV 1R0023	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/16 590	C-1	RB		22E-1-3238	X081
		FUNCTION/SERVICE-	CONTAINMENT FAN COOLER DAMPER 1R0003 SOL CONTROL 1SV RV97,8,9							
RV 1R0024	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/2 590	C-1	RB		22E-1-3239	X082
		FUNCTION/SERVICE-	CONTAINMENT FAN COOLER DAMPER 1R0004 SOL CONTROL 1SV RV100,1,2							
RV 1R0025	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/2 590	C-1	RB		22E-1-3239	X083
		FUNCTION/SERVICE-	CONTAINMENT FAN COOLER DAMPER 1R0005 SOL CONTROL 1SV RV103,4,5							

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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/RBW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RV	1RB0160	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/7 617	C1 RB			22E-1-3241	X084
											FUNCTION/SERVICE: CONTAINMENT PURGE ISOLATION VALVES 1A0V RV001, 3.15V P005A, 36A
SI	1MOV-S18800A	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	091710	Z/5 578'-0''	C1 CONT	ABV 136-117-1		M-64	AO08
											FUNCTION/SERVICE: ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK
SI	1MOV-S18800B	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	091710	Z/9 578'-0''	C1 CONT	ABV 136-117-1		M-64	AO08
											FUNCTION/SERVICE: ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK
SI	1MOV-S18800C	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	091710	Z/1 578'-0''	C1 CONT	ABV 136-117-1		M-64	AO08
											FUNCTION/SERVICE: ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK
SI	1MOV-S18800D	VALVE MOTOR OPERATOR	LIMIT SMB-00	G-676258	091710	Z/4 578'-0''	C1 CONT	ABV 135-117-1		M-64	AO08
											FUNCTION/SERVICE: ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK
SI	1MOV-S18808A	VALVE MOTOR OPERATOR	LIMIT SMB-3-80	G-676258	91710	Z/6 571'-0''	C1 CONT	88-919		M-65	AO10
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
SI	1MOV-S18808B	VALVE MOTOR OPERATOR	LIMIT SMB-3-80	G-676258	91710	Z/3 571'-0''	C1 CONT	88-919		M-65	AO10
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
SI	1MOV-S18808C	VALVE MOTOR OPERATOR	LIMIT SMB-3-80	G-676258	91710	Z/14 571'-0''	C1 CONT	88-919		M-65	AO10
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
SI	1MOV-S18808D	VALVE MOTOR OPERATOR	LIMIT SMB-3-80	G-676258	91710	Z/3 571'-0''	C1 CONT	88-919		M-65	AO10
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
SI	1MOV-S18808A	LIMIT SWITCH	NAMCO DX-2400	G-676258	91710	Z/6 571'-0''	C1 CONT	88-919		M-65	AO13
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
SI	1MOV-S18808B	LIMIT SWITCH	NAMCO DX-2400	G-676258	91710	Z/3 571'-0''	C1 CONT	88-919		M-65	AO13
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK
SI	1MOV-S18808C	LIMIT SWITCH	NAMCO DX-2400	G-676258	91710	Z/14 571'-0''	C1 CONT	88-919		M-65	AO13
											FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK

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PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P. O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUIDL LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 1MDV-S18808D	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z/3 571'-0''	C1	CONT	88-919	M-65	A013
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK											
SI 1FT-0924	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/4 568'-0''	C1	CONT. ABV		M-64, M-351	M102
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE											
SI 1FT-0925	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/9 568'-0''	C1	CONT. ABV		M-64, M-351	M102
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE											
SI 1FT-0926	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/1 568'-0''	C1	CONT. ABV		M-64, M-350	M102
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE											
SI 1FT-0927	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/4 568'-0''	C1	CONT. ABV		M-64, M-350	M102
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE											
SI 1PT-960	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/7 568'-0''	C1	CONT. BEL		M-65, M-351	M103
FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A											
SI 1PT-961	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/7 568'-0''	C1	CONT. ABV		M-65, M-351	M103
FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A											
SI 1PT-962	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/12 568'-0''	C1	CONT. ABV		M-65, M-351	M103
FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C											
SI 1PT-963	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/12 568'-0''	C1	CONT. ABV		M-65, M-351	M103
FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C											
SI 1PT-964	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/14 568'-0''	C1	CONT. ABV		M-65, M-351	M103
FUNCTION/SERVICE:ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D											
SI 1LT-940A	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/5 568'-0''	C1	CONT		M-65, M-351	M106
FUNCTION/SERVICE:CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL											
SI 1LT-940B	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/5 568'-0''	C1	CONT		M-65, M-351	M106
FUNCTION/SERVICE:CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL											

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATION	CONTAIN IN	FLD OUT BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 1LT-941A	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/5 568'-0"	C1	CONT		M-65, M-351	M106
				FUNCTION/SERVICE:	CONTAINMENT RECIRC.	SUMP LEVEL INDICATION/CONTAIN.	RECIRC.	SUMP LEVEL			
SI 1LT-941B	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/5 568'-0"	C1	CONT		M-65, M-351	M106
				FUNCTION/SERVICE:	CONTAINMENT RECIRC.	SUMP LEVEL INDICATION/CONTAIN.	RECIRC.	SUMP LEVEL			
SI 1EPO06	ELECT. PENET. E-6	D.G.O. TYPE 4.1		X-2308	113967	M/28 630	C-1	RB	R19D2227G	22E-1-3206	RO01
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TKS 1B & 1D	PRESS TRANSM	1PT965,7			
SI 1EPO15	ELECT. PENET. E-15	D.G.O. TYPE 4.1		X-2308	113967	M/28 630	C-1	RB	R19D2227G	22E-1-3206	RO02
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TKS 1A & 1C	PRESS TRANSM	1PT961,3			
SI 1EPO17	ELECT. PENET. E-17	D.G.O. TYPE 3.1		X-2308	113967	M/28 630	C-1	RB	R19D2226G	22E-1-3206	RO03
				FUNCTION/SERVICE-	CONT CABLE PENET	FOR SI SYS VALVES 1A0V-S18875A,D; -S18876A,D;		-S18877A,D; -S18881,2,4A,5A			
SI 1EPO21	ELECT. PENET. E-21	D.G.O. TYPE 3.1		X-2308	113967	M/28 630	C-1	RB	R19D2226G	22E-1-3206	RO04
				FUNCTION/SERVICE-	CONTROL CABLE PENET	FOR SI SYS VALVES 1A0V-S18875B,6B,7B,8B,9B;		-S18884B,5B; -S19008C,D; -S19009A, -S18884C			
SI 1EPO22	ELECT. PENET. E-22	D.G.O. TYPE 2.2		X-2308	113967	M/28 630	C-1	RB	R19D2224P	22E-1-3206	RO05
				FUNCTION/SERVICE-	POWER CABLE PENET	FOR SI SYS VLV 1MOV-S18808B					
SI 1EPO34	ELECT. PENET. E-34	D.G.O. TYPE 2.2		X-2308	113967	M/28 617	C-1	RB	R19D2224P	22E-1-3206	RO06
				FUNCTION/SERVICE-	POWER CABLE PENET	FOR SI SYS VLVS 1MOV-S18800B, -S18808C					
SI 1EPO45	ELECT. PENET. E-45	D.G.O. TYPE 4.1		X-2308	113967	M/28 617	C-1	RB	R19D2227G	22E-1-3206	RO07
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TANK 1D					
SI 1EPO46	ELECT. PENET. E-46	D.G.O. TYPE 4.1		X-2308	113967	M/28 617	C-1	R.B.	R19D2227G	22E-1-3206	RO08
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TANK 1C					
SI 1EPO49	ELECT. PENET. E-49	D.G.O. TYPE 3.1		X-2308	113967	M/28 617	C-1	RB	R19D2226G	22E-1-3206	RO09
				FUNCTION/SERVICE-	CONTROL CABLE PENET	FOR SI SYS VALVES 1A0V-S18800A,C,D;		-S18808A,D; 1A0V-S18884D, -S19009B			



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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CDL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1EP051	ELECT.PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1	RB	R19D2226G	22E-1-3206	RO10
		FUNCTION/SERVICE- CONTROL CABLE PENET FOR SI SYS VALVES 1MOV-SI8800B,8C; 1A0V-SI9008A,B										
SI	1EP052	ELECT.PENET. E-52	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1	RB	R19D2226G	22E-1-3206	RO11
		FUNCTION/SERVICE- CONTROL CABLE PENET FOR SI SYS VALVES 1A0V-SI8875C-9C										
SI	1EP059	ELECT.PENET. E-59	D.G.O.	TYPE 2.2	X-2308	113967	M/28 617	C-1	RB	R19D2224P	22E-1-3206	RO12
		FUNCTION/SERVICE- PWR CA PENET FOR SI SYS VLVS 1MOV-SI8800A,C,D;-SI8808A,D										
SI	1RB0115	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z15 568	C-1	RB		22E-1-3231	X117
		FUNCTION/SERVICE-LOOP A COLD LEG TEST 1A0V-SI8884D,ACCUM. FILL FROM VLV 1A0V-SI8881,1A0V-SI8882										
SI	1RB0124	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z3 568	C-1	RB		22E-1-3234	X119
		FUNCTION/SERVICE-ACCUM. TANK 1B VALVES 1A0V-SI8875D,76D,77D,78D,79D										
SI	1RB0130	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z14 568	C-1	RB		22E-1-3233	X121
		FUNCTION/SERVICE-ACCUM. TANK 1D VALVES 1A0V-SI8875C,76C,77C,78C,79C										
SI	1RB0131	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z13 568	C-1	RB		22E-1-3233	X123
		FUNCTION/SERVICE-ACCUM. TANK 1C VALVES 1A0V-SI8875B,76B,77B,78B,79B										
SI	1RB0132	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z6 568	C-1	RB		22E-1-3231	X125
		FUNCTION/SERVICE-ACCUM. TANK 1A VALVES 1A0V-SI8875A,76A,77A,78A,79A										
SI	1RB0133	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 568	C-1	RB		22E-1-3231	X127
		FUNCTION/SERVICE-LOOP A-D COLD LEG TEST 1A0V-SI9009A,1A0V-SI8884C										
SI	1RB0229	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z4 590	C-1	RB		22E-1-3236	X130
		FUNCTION/SERVICE-RESID. HEAT REMOVAL PUMP 1B TEST LINE ISOLATION VALVE 1A0V-SI8885B										
SI	1RB0235	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 568	C-1	RB		22E-1-3236	X132
		FUNCTION/SERVICE-RESID. HEAT REMOVAL PUMP 1A TEST LINE ISOLATION VALVE 1A0V-SI8885A										
SI	1RB0307	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z9 568	C-1	RB		22E-1-3232	X134
		FUNCTION/SERVICE-LOOP C HOT LEG TEST 1A0V-SI9008D										

COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1RB0308	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z4 568	C-1	RB		22E-1-3234	X136
												FUNCTION/SERVICE-LOOP B HOT LEG TEST 1A0V-S19008C
SI	1RB0309	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z5 590	C-1	RB		22E-1-3236	X138
												FUNCTION/SERVICE-ACCUM. FILL FROM SI PUMP TEST 1A0V-S19009B
SI	1RB0339	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z4 568	C-1	RB		22E-1-3234	X140
												FUNCTION/SERVICE-RESID. HEAT REMOVAL PUMP 1A TEST LINE ISOL. VALVE 1A0V-S18884A
SI	1RB0340	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z7 568	C-1	RB		22E-1-3231	X142
												FUNCTION/SERVICE-RESID. HEAT REMOVAL PUMP 1B TEST LINE ISOL. VALVE 1A0V-S18884B
SI	1RB0412	JUNCTION BOX	FISH-H		X-2329	119387	Z8 590	C-1	RB		22E-1-3236	X144
												FUNCTION/SERVICE-ACCUM. TANK 1A, 1C, LEVEL INSTRUMENT 11T-951, 11T-953
SI	1RB0414	JUNCTION BOX	FISH-H		X-2329	119387	Z14 590	C-1	RB		22E-1-3238	X145
												FUNCTION/SERVICE-ACCUM. TANK 1B, 1D, LEVEL INSTRUMENT 11T-954, 11T-956
SI	1RB0415	JUNCTION BOX	FISH-H		X-2329	119387	Z15 590	C-1	RB		22E-1-3238	X146
												FUNCTION/SERVICE-ACCUM. TANK 1C LEVEL INSTRUMENT 11T-952
VC	1EP016	ELECT. PENET. E-16	D.G.O.	TYPE 3.1	X-2308	113967		C-1	RB		22E-2-3206	
												FUNCTION/SERVICE- INST CABLE PENET FOR VC SYS VLV 1A0V-VC8146
VC	1A0V-VC8149B	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713		C1	CONT	S-130032R8	M-54	B507
												FUNCTION/SERVICE:ACTUATES VALVE/FROM RHX TO LETDOWN HEAT EXCH.
VC	1LCV-VC459	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713		C1	CONT		M-54	M505
												FUNCTION/SERVICE:ACTUATES VALVE/FROM LOOP COLD LEG TO RHX
VC	1LCV-VC460	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713		C1	CONT		M-517	M505
												FUNCTION/SERVICE:ACTUATES VALVE/FROM LOOP COLD LEG TO RHX
VC	1EP006	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967		C-1	RB	R19D2227G	22E-2-3206	R001
												FUNCTION/SERVICE- INST CABLE PENET FOR RCP1B SEAL LEAK OFF CONT FLOW & MTR RTD'S

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P. O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 1EPO15	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967		C-1 RB		R19D2227G	22E-2-3206	R002
	FUNCTION/SERVICE-	INST CABLE PENET FOR RCP 1C SEAL LEAK OFF CONT FLOW & MTR RTD'S									
VC 1EPO17	ELECT. PENET. E-17	D.G.O.	TYPE 3.1	X-2308	113967		C-1 RB		R19D2226G	22E-	R003
	FUNCTION/SERVICE-	CONT CABLE PENET FOR RCP 1B SEAL LEAK OFF FLOW CONT									
	FUNCTION/SERVICE-	CONT CABLE PENET FOR VLVS 1A0V-VC8141, -VC8168									
VC 1EPO21	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/28 630	C-1 RB		R19D2226G	22E-1-3206	R004
	FUNCTION/SERVICE-	CONTR CABLE PENET FOR VC SYS VLVS 1A0V-VC8149C, -VC8146									
	FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RCP 1C SEAL LEAKOFF FLOW CONTROL									
VC 1EPO45	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967		C-1 RB		R19D2227G	22E-2-3206	R007
	FUNCTION/SERVICE-	INST CABLE PENET FOR RCP 1D SEAL LEAK OFF FLOW CONT & MTR RTD'S									
VC 1EPO46	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967		C-1 RB		R19D2227G	22E-2-3206	R008
	FUNCTION/SERVICE-	INST CABLE PENET FOR RCP 1A SEAL LEAK OFF FLOW CONT & MTR RTD'S									
VC 1EPO49	ELECT. PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1 RB		R19D2226G	22E-1-3206	R009
	FUNCTION/SERVICE-	CONTROL CABLE PENET FOR VC SYS VLVS 1A0V-VC8142, -VC8147, VC8149A									
	FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RCP 1A SEAL LEAK-OFF FLOW CONTROL									
VC 1EPO51	ELECT. PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967		C-1 RB		R19D2226G	22E-2-3206	R010
	FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RCP 1D SEAL LEAK OFF FLOW CONT & VLV 1A0V-VC8149B									
VC 1EPO52	ELECT. PENET. E-52	D.G.O.	TYPE 3.1	X-2308	113967	M/28 617	C-1 RB		R19D2226G	22E-1-3206	R011
	FUNCTION/SERVICE-	CONTROL CABLE PENET FOR VC SYS VLVS 1A0V-VC8168B-D, -VC8141B-D									
VC 1RB0084	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/14 590	C-1 RB			22E-1-3238	X001
	FUNCTION/SERVICE-	RCP C STANDPIPE MAKEUP VLV 1A0V-VC8168C									
VC 1RB0094	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/3 590	C-1 RB			22E-1-3239	X002
	FUNCTION/SERVICE-	RCP C SEAL LEAKOFF STOP VA VE 1A0V-VC8141D									
VC 1RB0098	JUNCTION BOX	FISH-H	EB215	X-2329	119387	Z/4 590	C-1 RB			22E-1-3239	X003
	FUNCTION/SERVICE-	RCP D STANDPIPE MAKEUP VLV 1A0V-8168D									

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL NUMBER	PROCEDURE SPEC	CECD NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 1RB0099	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/6	C-1	RB			22E-1-3236	X004
		FUNCTION/SERVICE-			590						
			RCP A SEAL LEAKOFF								
VC 1RB0100	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/5	C-1	RB			22E-1-3236	X005
		FUNCTION/SERVICE-			590						
			RCP A STANDPIPE MAKEUP								
VC 1RB0102	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/11	C-1	RB			22E-1-3237	X006
		FUNCTION/SERVICE-			590						
			RCP B STANDPIPE MAKEUP								
VC 1RB0103	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/14	C-1	RB			22E-1-3238	X007
		FUNCTION/SERVICE-			590						
			RCP C SEAL LEAKOFF								
VC 1RB0113	JUNCTION BOX	FISH-H EB215	X-2329	119387		C-1	RB			22E-1-3237	X009
		FUNCTION/SERVICE-									
			RCP B SEAL LEAKOFF								
VC 1RB0173	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/8	C-1	RB			22E-1-3236	X009
		FUNCTION/SERVICE-			590						
			EXCESS LETDOWN HEAT EXCH								
VC 1RB0174	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/6-7	C-1	RB			22E-1-3236	X010
		FUNCTION/SERVICE-			590						
			CHARGING LINE ISOL								
VC 1RB0175	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/6-7	C-1	RB			22E-1-3236	X011
		FUNCTION/SERVICE-			590						
			AUX SPRAY SUPPLY								
VC 1RB0228	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/5	C-1	RB			22E-1-3236	X012
		FUNCTION/SERVICE-			590						
			LETDOWN ORIFICE								
VC 1RB0231	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/5	C-1	RB			22E-1-3236	X013
		FUNCTION/SERVICE-			590						
			LETDOWN ORIFICE								
VC 1RB0234	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/5	C-1	RB			22E-1-3236	X014
		FUNCTION/SERVICE-			590						
			LETDOWN ORIFICE								
VC 1RB0236	JUNCTION BOX	FISH-H EB215	X-2329	119387	Z/5	C-1	RB			22E-1-3236	X015
		FUNCTION/SERVICE-			590						
			NO 1 SEAL BYPASS								



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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 1R80238	JUNCTION BOX	FISH H	EB215	X-2329	119387	Z/6 590	C-1	RB		22E-1-3236	X016

FUNCTION/SERVICE- EXCESS LETDOWN FLOW DIVERSION VLV 1A0V-VC8143

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APPENDIX C.3

QUALIFICATION DATA SHEETS

UNIT 1 "CONTAINMENT"

SYSTEM

COMP/EQUIP 12 TW PR. NO. 16, 600V CSPE-CSPE INSTRUMENT CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODEL E/M NO. A104.6 AND A204.6

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS OUTST**	COMP *** NO.
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z001
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z001
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z001
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z001
DPE TME MN					ZDCA005		BY TEST		Z001
CHEM SPRAY		ZECA001	ZECA002 . PH 9.5		ZDCA005	ZDCA007	BY TEST		Z001
SEISMIC									Z001
AGING									Z001
SUBMURGENC									Z001

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

SYSTEM

COMP/EQUIP B TW PR. NO. 16. 600V CSPE-CSPE INSTRUMENT CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODELS B/M NO. A104.5 AND A204.5

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z002
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z002
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z002
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z002
OPR TME MN					ZDCA005		BY TEST		Z002
CHLM SPRAY		ZECA001	ZECA002 . PH 9.5		ZDCA005	ZDCA007	BY TEST		Z002
SEISMIC									Z002
AGING									Z002
EMERGENC									Z002

OUTSTANDING ITEMS/REMARKS

- ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
- ZDCA005 B/M 3782-A
- ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
- ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904



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SYSTEM

COMP/EQUIP 4 TW PR. NO. 16, 600V CSPE-CSPE INSTRUMENT CABLE

MANUFACTUER BOSTON INSULATED WIRE

MODEL B/M NO. A104.4 AND A204.4

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z003
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z003
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z003
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z003
OPE TME MN					ZDCA005		BY TEST		Z003
CHEM SPRAY		ZECA001	ZECA002 . PH 9.5		ZDCA005	ZDCA007	BY TEST		Z003
SEISMIC									Z003
AGING									Z003
SUBMURGENC									Z003

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

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SYSTEM

COMP/EQUIP 2 TW PR. NO. 16, 600V CSPE CSPE INSTRUMENT CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODEL B/M NO. A104.3 AND A204.3

ACCURACY

QUALIFICATION DATA SHEET

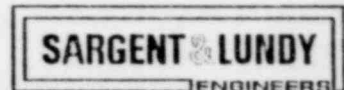
PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP NO.
		SPECIFICATION	QUALIFICATION	PLT DES.	SPEC.	QUAL.	METHOD		
TEMP DEG F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z004
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z004
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z004
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z004
OPE TME MN					ZDCA005		BY TEST		Z004
CHEM SPRAY		ZECA001	ZECA002 . PH 9.5		ZDCA005	ZDCA007	BY TEST		Z004
SEISMIC									Z004
AGING									Z004
SUBMERGENC									Z004

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

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SYSTEM

COMP/EQUIP 3/C NO. 16, 600V CSPE-CSPE INSTRUMENT RTD CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODEL B/M NO. A104.1 AND A204.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	CHAL			
TEMP DEG F ZONE C-1		271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z005
PRESS PSIA ZONE C-1		47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z005
REL HUMID% ZONE C-1		100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z005
RADIATION ZONE C-1		1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z005
OPER TIME MN					ZDCA005		BY TEST		Z005
CHEM SPRAY		ZECA001	ZECA002 PH 9.5		ZDCA005	ZDCA007	BY TEST		Z005
SEISMIC									Z005
AGING									Z005
SUBMERGENC									Z005

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

SYSTEM

COMP/EQUIP 1 TW PR. NO. 16. 600V CSPE-CSPE INSTRUMENT CABLE

MANUFACTUER BOSTON INSULATED WIRE

MODEL B/M NO. A104.2 AND A204.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z006
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z006
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z006
RADIATION	ZONE C-1	1.2 X 10EB RAD	2.0 X 10EB RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z006
OPE TME MN					ZDCA005		BY TEST		Z006
CHEM SPRAY		ZECA001	ZECA002 PH 9.5		ZDCA005	ZDCA007	BY TEST		Z006
SEISMIC									Z006
AGING									Z006
SUEMERGENC									Z006

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2296 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

SYSTEM

COMP/EQUIP 1PR. NO. 20, T/C, CR/C CSPE-CSPE THERMOCOUPLE CABLE

MANUFACTURER BOSTON INSULATED WIRE

MODEL B/M NO. A105.1 AND A205.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP °F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z007
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z007
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z007
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST		Z007
OPE TIME MN					ZDCA005		BY TEST		Z007
CHEM SPRAY		ZECA001	ZECA002 PH 9.5		ZDCA005	ZDCA007	BY TEST		Z007
SEISMIC									Z007
AGING									Z007
SUBMERGENC									Z007

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

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SYSTEM

COMP/EQUIP 4 PR. NO. 20, T/C,CR/C CSPE-CSPE THERMOCOUPLE CABLE

MANUFACTUER BOSTON INSULATED WIRE

MODEL B/M NO. A105.2 AND A205.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C-1	271 DEG. F	318 DEG. F	ZDCA002	ZDCA005	ZDCA006	BY TEST			Z008
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA006	BY TEST			Z008
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA006	BY TEST			Z008
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA006	BY TEST			Z008
OPE TME MN					ZDCA005		BY TEST			Z008
CHEM SPRAY		ZECA001	ZECA002 PH 9.5		ZDCA005	ZDCA007	BY TEST			Z008
SEISMIC										Z008
AGING										Z008
SUBMERGENC										Z008

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901
 ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904

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SYSTEM

COMP/EQUIP 2/C NO. 20, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL E/M NO. A103.5 AND A203.5

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z009
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z009
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z009
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z009
OPE TIME MIN					ZDCA005	ZDCA008	BY TEST			Z009
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST			Z009
SEISMIC										Z009
AGING										Z009
SUBMURGENC										Z009

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 12/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.7 AND 3203.7

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z010
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z010
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z010
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z010
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z010
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z010

SEISMIC

AGING

SUBMERGENC

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/CONFIG 9/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103 B AND A203 B

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO	
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			OUTST**
TEMP DEG F ZONE C-1		271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z011
PRESS PSIA ZONE C-1		47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z011
REL HUMID% ZONE C-1		100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z011
RADIATION ZONE C-1		1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z011
OPE TME MN					ZDCA005	ZDCA008	BY TEST			Z011
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST			Z011
SEISMIC										Z011
AGING										Z011
SUBMERGENC										Z011

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & 58L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 7/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.9 AND A203.9

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z012
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z012
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z012
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z012
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z012
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z012
SEISMIC									Z012
AGING									Z012
SUBMURGENC									Z012

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

SYSTEM

COMP/EQUIP 4/C NO. 14, 600V, K/K. CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.10 AND A203.10

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		2013
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		2013
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		2013
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		2013
OPE TIME MN					ZDCA005	ZDCA008	BY TEST		2013
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		2013
SEISMIC									2013
AGING									2013
SUBMERGENC									2013

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X 2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE.
ZDCA005 B/M 3782-A
ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 3/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.11 AND A203.11

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z014
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z014
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z014
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z014
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z014
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z014
SEISMIC									Z014
AGING									Z014
SUBMERGENC									Z014

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 2/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.12 AND A203.12

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z015
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z015
REL HUMIDITY	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z015
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z015
OPC TIME MD					ZDCA005	ZDCA008	BY TEST		Z015
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z015
SEISMIC									Z015
AGING									Z015
SURBERGENC									Z015

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 1/C NO. 14, 600V, K/K, CONTROL CABLE

MANUFACTURER KERITE

MODEL B/M NO. A103.13 AND A203.13

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMAP ***	LUMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE C-1		271 DEG. F	325 DEG.	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z016
PRESS PSIA ZONE C-1		47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z016
REL HUMID% ZONE C-1		100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z016
RADIATION ZONE C-1		1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z016
OPE TME MN					ZDCA005	ZDCA008	BY TEST			Z016
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST			Z016
SEISMIC										Z016
AGING										Z016
SUBMERGENC										Z016

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 1/C NO. 750 MCM, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.1 AND A202.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z017
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z017
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z017
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z017
OPE TIME MN					ZDCA005	ZDCA008	BY TEST		Z017
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z017
SEISMIC									Z017
AGING									Z017
SUBMERGENC									Z017

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 17C NO. 500 MCM, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.2 AND A202.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z018
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z018
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z018
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z018
OPE TIME MN					ZDCA005	ZDCA008	BY TEST		Z018
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z018
SEISMIC									Z018
AGING									Z018
SUBMURGENC									Z018

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 1/C NO. 350 MCM, 600V, K/K, POWER CABLE

MANUFACTUER KERITE

MODEL B/M NO. A102.3 AND A202.3

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z019
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z019
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z019
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z019
OPE TME MN					ZDCA005	ZDCA008	BY TEST			Z019
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST			Z019
SEISMIC										Z019
AGING										Z019
SUBMURGNC										Z019

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 1/C NO. 250 MCM, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.4 AND A202.4

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F ZONE C-1		271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z020
PRESS PSIA ZONE C-1		47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z020
REL HUMID% ZONE C-1		100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z020
RADIATION ZONE C-1		1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z020
OPC TME MN					ZDCA005	ZDCA008	BY TEST		Z020
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z020
SEISMIC									Z020
AGING									Z020
SUBMURGENC									Z020

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 3/C NO. 4/O. 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.7 AND A202.7

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z021
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z021
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z021
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z021
OPE TME MN					ZDCA005	ZDCA008	BY TEST			Z021
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST			Z021
SEISMIC										Z021
AGING										Z021
SUBMURGENC										Z021

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

REVISION 0
DATE 01 MAY 80

SYSTEM

COMP/EQUIP 1/C NO. 4/0, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.5 AND A202.5

ACCURACY

QUALIFICATION DATA SHEET

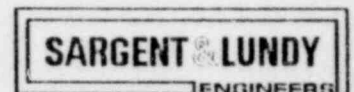
PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F ZONE C-1		271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z022
PRESS PSIA ZONE C-1		47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z022
REL HUMID% ZONE C-1		100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z022
RADIATION ZONE C-1		1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z022
DPE TME MN					ZDCA005	ZDCA008	BY TEST		Z022
CHM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z022
SEISMIC									Z022
AGING									Z022
SUBMERGENC									Z022

OUTSTANDING ITEMS/REMARKS

ZDCA002 FS1R 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
ZDCA005 B/M 3782-A
ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 3/C NO. 1/O, 600V, K/K, POWER CABLE

MANUFACTUER KERITE

MODEL B/M NO. A102.8 AND A202.8

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z023
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z023
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z023
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z023
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z023
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z023
SEISMIC									Z023
AGING									Z023
SUBMURGENC									Z023

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
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SYSTEM

COMP/EQUIP 1/C NO. 1/0, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.6 AND A202.6

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z024
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z024
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z024
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z024
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z024
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z024
SEISMIC									Z024
AGING									Z024
SUBMERCENC									Z024

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NS'D GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

SYSTEM

COMP/EQUIP 3/C NO. 2, 600V, K/K, POWER CABLE

MANUFACTUER KERITE

MODEL B/M NO. A102.9 AND A202.9

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z025
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z025
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z025
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z025
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z025
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z025
SEISMIC									Z025
AGING									Z025
SUBMURGNC									Z025

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
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SYSTEM

COMP/EQUIP 1/C NO. 2, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.14 AND A202.14

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	OUTST**	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z026
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z026
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z026
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST			Z026
OPE TIME MH					ZDCA005	ZDCA008	BY TEST			Z026
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST			Z026
SEISMIC										Z026
AGING										Z026
EMERGENC										Z026

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 E/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

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SYSTEM

COMP/EQUIP 3/C NO. 6, 600V, K/K, POWER CABLE

MANUFACTURER KERITE

MODEL B/M NO. A102.1 AND A202.10

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z027
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z027
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z027
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z027
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z027
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z027
SEISMIC									Z027
AGING									Z027
SUBMURGENC									Z027

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737

SYSTEM

COMP/EQUIP T/C NO. 6, 600V, K/K, POWER CABLE

MANUFACTURER KRITTE

MODEL B/M NO. A102.15 AND A202.15

ACCURACY

QUALIFICATION DATA SHEET

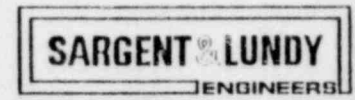
PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION RECEIVED			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLI DES	SPEC	GOAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z028
PRESS PSIA	ZONE C-1	47 PSIG	60 PSIG	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z028
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z028
RADIATION	ZONE C-1	1.2 X 10E8 RAD	2.0 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA008	BY TEST		Z028
OPE TME MN					ZDCA005	ZDCA008	BY TEST		Z028
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA008	BY TEST		Z028
SEISMIC									Z028
AGING									Z028
SUBMURGNC									Z028

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
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POOR ORIGINAL



SYSTEM

COMP/EQUIP CABLE SPLICES FOR BOSTON INSULATED WIRE CABLES

MANUFACTURER RAYCHEM

MODEL

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	217 DEG. F	298 DEG. F	ZDCA002	NONE	ZDCA003	CERTIFIED TEST		Z030
PRESS PSIA	ZONE C-1	47 PSIG	54 PSIG	ZDCA002	NONE	ZDCA003	CERTIFIED TEST		Z030
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	NONE		CERTIFIED TEST		Z030
RADIATION	ZONE C-1	1.2 X 10E8 RAD	ZDCA001	ZDCA002	NONE	ZDCA001	CERTIFIED TEST		Z030
OPE TME MN					NONE		CERTIFIED TEST		Z030
CHEM SPRAY		3000PPM B.A.PH 10	3000PPM PH 9.5-10		NONE		CERTIFIED TEST		Z030
SEISMIC					NONE				Z030
AGING					NONE				Z030
SUBMURGENC					NONE				Z030
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP CABLES SPLICES FOR KERITE CABLES

MANUFACTUER KERITE

MODEL

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	271 DEG. F	325 DEG. F	ZDCA002	NONE	ZDCA004	CERTIFIED TEST		Z031
PRESS PSIA	ZONE C-1	47 PSIG	82 PSIG	ZDCA002	NONE	ZDCA004	CERTIFIED TEST		Z031
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	NONE	ZDCA004	CERTIFIED TEST		Z031
RADIATION	ZONE C-1	1.2 X 10E8 RAD	1.2 X 10E8 RAD	ZDCA002	NONE	ZDCA004	CERTIFIED TEST		Z031
GPE TME MN		NOT SPECIFIED	ZDCA004	ZDCA002	NONE	ZDCA004	CERTIFIED TEST		Z031
CHEM SPRAY		3000PPM BOR.PH 10	1.5% B.A. PH 9.5	ZDCA002	NONE	ZDCA004	CERTIFIED TEST		Z031
SEISMIC		N/A	N/A	N/S	NONE				Z031
AGING		NOT SPECIFIED	NOT SPECIFIED	N/S	NONE				Z031
SUBMERCENC		NOT SPECIFIED	NOT SPECIFIED	N/S	NONE				Z031
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1/C-1500 MCM, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.1 & A201.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS OUTST**	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	266 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z032
PRESS PSIA	ZONE C-1	82 PSIG	82 PSIG	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z032
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z032
RADIATION	ZONE C-1	5.6 X 10E7 RAD	1.2 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z032
OPE TME MN					ZDCA005	ZDCA009	BY TEST		Z032
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA009	BY TEST		Z032
SEISMIC									Z032
AGING									Z032
SUBMURGNC									Z032

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
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SYSTEM

COMP/EQUIP 1/C-1000 MCM, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.2 & A201.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	266 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z033
PRESS PSIA	ZONE C-1	82 PSIG	82 PSIG	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z033
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z033
RADIATION	ZONE C-1	5.6 X 10E7 RAD	1.2 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z033
OPE TME MN					ZDCA005	ZDCA009	BY TEST		Z033
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA009	BY TEST		Z033
SEISMIC									Z033
AGING									Z033
SUBMURGNC									Z033

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 37B2-A
 ZDCA009 KERITE REPORT DATED 4/30/70, ADDITION B

SYSTEM

COMP/EQUIP 1/C-500 MCM, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.3 & A201.3

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	266 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z034
PRESS PSIA	ZONE C-1	82 PSIG	82 PSIG	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z034
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z034
RADIATION	ZONE C-1	5.6 X 10E7 RAD	1.2 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z034
OPE TIME MN					ZDCA005	ZDCA009	BY TEST		Z034
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA009	BY TEST		Z034
SEISMIC									Z034
AGING									Z034
SUBMERCENC									Z034

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
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SYSTEM

COMP/EQUIP 3/C-500 MCM, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.4 & A201.4

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	266 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z035
PRESS PSIA	ZONE C-1	82 PSIG	82 PSIG	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z035
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z035
RADIATION	ZONE C-1	5.6 X 10E7 RAD	1.2 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z035
OPE TME MN					ZDCA005	ZDCA009	BY TEST		Z035
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA009	BY TEST		Z035
SEISMIC									Z035
AGING									Z035
SUBMURGENC									Z035

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
ZDCA005 B/M 3782-A
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SYSTEM

COMP/EQUIP 3/C-1/O, 5KV, K/K POWER CABLE

MANUFACTURER KERITE

MODEL BILL OF MATERIAL NO. A101.6 & A201.6

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	206 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z036
PRESS PSIA	ZONE C-1	82 PSIG	82 PSIG	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z036
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z036
RADIATION	ZONE C-1	5.6 X 10E7 RAD	1.2 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA009	BY TEST		Z036
OPE TME MN					ZDCA005	ZDCA009	BY TEST		Z036
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA009	BY TEST		Z036
SEISMIC									Z036
AGING									Z036
SUBMURGENC									Z036

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA009 KERITE REPORT DATED 4/30/70, ADDITION B

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SYSTEM

COMP/EQUIP 3/C NO.2, 5KV, K/K POWER CABLE

MANUFACTUER KERITE

MODEL BILL OF MATERIAL NO. A101.7 & A201.7

ACCURACY

QUALIFICATION DATA SHEET

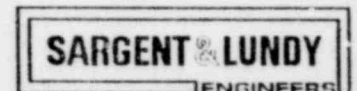
PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUA				
TEMP DEG F	ZONE C-1	266 DEG. F	325 DEG. F	ZDCA002	ZDCA005	ZDCA009	BY TEST			Z037
PRESS PSIA	ZONE C-1	82 PSIG	82 PSIG	ZDCA002	ZDCA005	ZDCA009	BY TEST			Z037
REL HUMID%	ZONE C-1	100%	100%	ZDCA002	ZDCA005	ZDCA009	BY TEST			Z037
RADIATION	ZONE C-1	5.6 X 10E7 RAD	1.2 X 10E8 RAD	ZDCA002	ZDCA005	ZDCA009	BY TEST			Z037
OPE TME MN					ZDCA005	ZDCA009	BY TEST			Z037
CHEM SPRAY		1.5% B.A. PH 9.5	1.5% B.A. PH 9.5		ZDCA005	ZDCA009	BY TEST			Z037
SEISMIC										Z037
AGING										Z037
SUBMURGENC										Z037

OUTSTANDING ITEMS/REMARKS

ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE
 ZDCA005 B/M 3782-A
 ZDCA009 KERITE REPORT DATED 4/30/70, ADDITION B

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REVISION 0
DATE 01 MAY 80

SYSTEM

COMP/EQUIP 1EPO21/ELECTRICAL PENETRATION E-21

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	PLANT DESIGN	QUALIFICATION DATA SHEET			DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS
		ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC				
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PRTO TESTING	R004
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PRTO TESTING	R004
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PRTO TESTING	R004
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PRTO TESTING	R004
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS	X-2308	X-2308		PROD & PRTO TESTING	R004
CHEM SPRAY		REPE005	NOT TESTED	X-2308	X-2308	N/AVAIL	NOT TESTED	R004
SEISMIC				X-2308	X-2308			R004
AGING				X-2308	X-2308	N/AVAIL	NOT AVAILABLE	R004
SUBMERGENCE				X-2308	X-2308	N/AVAIL	NOT AVAILABLE	R004
OUTSTANDING ITEMS/REMARKS								R004



SYSTEM

COMP/EQUIP 1EP049/ELECTRICAL PENETRATION E-49

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R009
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R009
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R009
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R009
SEISMIC					X-2308				R009
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
OUTSTANDING ITEMS/REMARKS									

REVISION 0
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SYSTEM

COMP/EQUIP REF-001 ELECTRICAL PENETRATION F-51

MANUFACTURER D.G. GEN

MODEL TYPE 3-1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDC-A002 X-2308	RDEP001	PROD & PROTO TESTING	*****	RO10
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDC-A002 X-2308	RDEP002	PROD & PROTO TESTING	*****	RO10
REL HUMIDITY	ZONE C-1	REPE003	100%	ZDC-A002 X-2308	RDEP002	PROD & PROTO TESTING	*****	RO10
RADIATION	ZONE C-1	REPE004	5.4X10E-15	ZDC-A002 X-2308	RDEP003	PROD & PROTO TESTING	*****	RO10
OPER TIME HRS	3/ DAYS	1 YEAR	48 HOURS	X-2308		PROD S. F. 310 TESTING	*****	RO10
COLEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED	*****	RO10
SEISMIC				X-2308	N/AVAIL	NOT TESTED	*****	RO10
AGITRS		*** SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE	*****	RO10
SUBMERGERS		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE	*****	RO10

OUTSTANDING ITEMS/REMARKS

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POOR ORIGINAL



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SYSTEM AREA RADIATION MONITORING (AR)
 COMP/EQUIP RADIATION DETECTOR
 MANUFACTURER NUCLEAR MEASUREMENTS CORP.
 MODEL GA-2TM
 ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1			MDAR001				MRAR001	M801
PRESS PSIA ZONE	C1			MDAR001				MRAR001	M801
REL HUMID% ZONE	C1			MDAR001				MRAR001	M801
RADIATION ZONE	C1			MDAR001				MRAR001	M801
OPER TIME MN									M801
CHEM SPRAY								MRAR001	M801
SEISMIC									M801
AGING								MRAR001	M801
SUBMERGENC								MRAR001	M801

OUTSTANDING ITEMS/REMARKS

MDAR001 FSAR CHAPTER 6.0
 MRAR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 1EP045/ELECTRICAL PENETRATION E-45

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE		QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
		ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING	ROOT
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	ROOT
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	ROOT
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING	ROOT
OPER TIME	MM 30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING	ROOT
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED	ROOT
SEISMIC					X-2308			ROOT
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE	ROOT
SUBMURG		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE	ROOT

OUTSTANDING ITEMS/REMARKS



SYSTEM FEEDWATER (FW)
COMP/EQUIP FLOW TRANSMITTER
MANUFACTURER FISCHER & PORTER
MODEL 10B2491VGBB-NS

ACCURACY

QUALIFICATION DATA SHEET

-----ENVIRONMENT-----				DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
*PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F ZONE	C1		290	MDFW003		MDFW001	CONCURRENT		M201
PRESS PSIA ZONE	C1		75	MDFW003		MDFW001	CONCURRENT		M201
REL HUMID% ZONE	C1		100	MDFW003		MDFW001	CONCURRENT		M201
RADIATION ZONE	C1		1.2E08 RADS	MDFW003		MDFW002	SEPARATE & COMPARISN		M201
OPE TME MN	RPS								M201
CHEM SPRAY									M201
SEISMIC									MRFW001 M201
AGING									MRFW001 M201
SUBMURGENC									MRFW001 M201

OUTSTANDING ITEMS/REMARKS

MDFW001 FRANKLIN INST. TEST REPORT F C2639 NOV. 1969
MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
MDFW003 FSAR Q10.10 & Q10.16
MRFW001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

SYSTEM FEEDWATER (FW)
COMP/EQUIP LEVEL TRANSMITTER
MANUFACTUER FISCHER & PORTER
MODEL 13D2495KBBABBB-NS

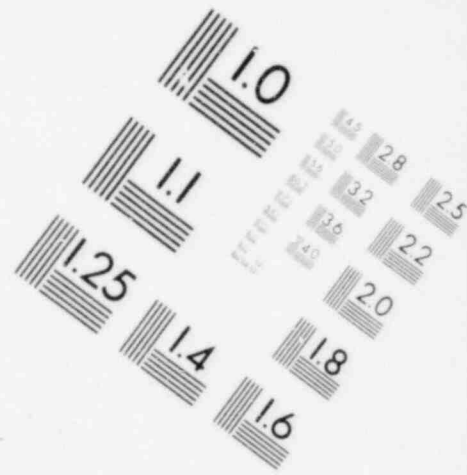
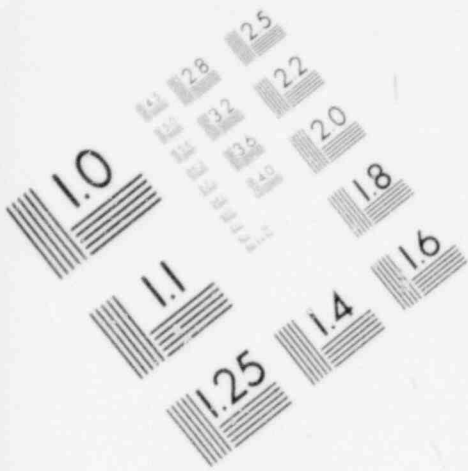
ACCURACY

QUALIFICATION DATA SHEET

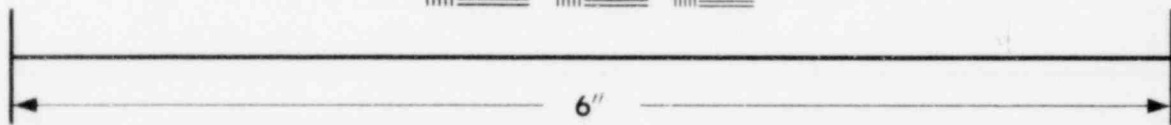
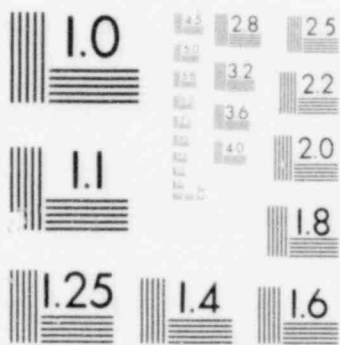
PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL			
TEMP DEG F ZONE	C1		290		MDFW003		MDFW001	CONCURRENT		M202
PRESS PSIA ZONE	C1		75		MDFW003		MDFW001	CONCURRENT		M202
REL HUMID% ZONE	C1		100		MDFW003		MDFW001	CONCURRENT		M202
RADIATION ZONE	C1		1.2E08 RADS		MDFW003		MDFW002	SEPARATE & COMPARISN		M202
OPE TME MN	30 DAYS									M202
CHEM SPRAY										M202
SEISMIC									MRFW001	M202
AGING									MRFW001	M202
SUBMURGENC									MRFW001	M202

OUTSTANDING ITEMS/REMARKS

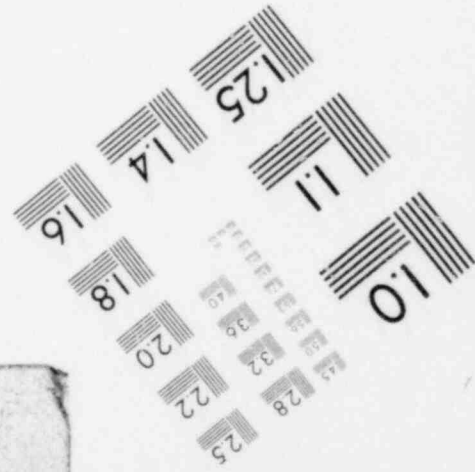
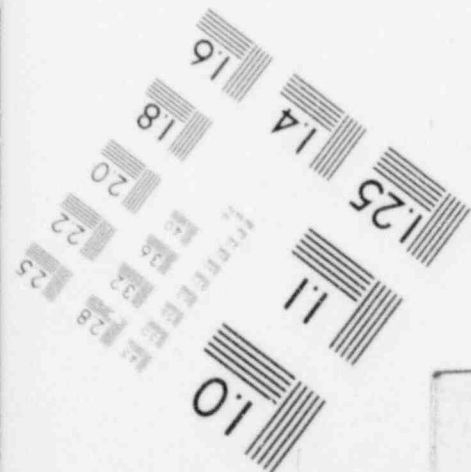
MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969
MDFW002 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22,1973
MDFW003 FSAR Q10.10 & Q10.16
MRFW001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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



MICROCOPY RESOLUTION TEST CHART



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SYSTEM FEEDWATER (FW)
COMP/EQUIP PRESSURE TRANSMITTER
MANUFACTURER FISCHER & PORTER
MODEL 50EP1041E6XA

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN SPECIFICATION	QUALIFICATION	PLI DES SPEC	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F ZONE T3	290 (2.5 HRS)	MDFW004	MDFW004	MDFW001 CONCURRENT	MDFW001 CONCURRENT	M204	M204
PRESS PSIA ZONE T3	75 (2.5 HRS)	MDFW004	MDFW004	MDFW001 CONCURRENT	MDFW001 CONCURRENT	M204	M204
REL HUMID% ZONE T3	100 (2.5 HRS)	MDFW004	MDFW004	MDFW001 CONCURRENT	MDFW001 CONCURRENT	M204	M204
RADIATION ZONE T3	1-2E08 RADY	MDFW004	MDFW004	MDFW002 SEPARATE & COMPARISON	MDFW002 SEPARATE & COMPARISON	M204	M204
PE TIME MIN	RPS						MRFW001 M204
CHEM SPRAY	N/A						M204
SEISMIC							MRFW001 M204
AGING							MRFW001 M204

SUBURGENT N/A
OUTSTANDING ITEMS/REMARKS

MDFW001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969
MDFW002 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
MDFW004 FSAR 010.10
MRFW001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



SYSTEM

COMP/EQUIP 1EPO06/ELECTRICAL PENETRATION E-6

MANUFACTUER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO01
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO01
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO01
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO01
DPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO01
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO01
SEISMIC					X-2308				RO01
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO01
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO01
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLI DES	SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO02
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO02
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO02
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO02
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING		RO02
CHEM SPRAY		REPE005	NOT TESTED	X-2308		N/AVAIL	NOT TESTED		RO02
SEISMIC				X-2308					RO02
AGING		NOT SPECIFIED		X-2308		N/AVAIL	NOT AVAILABLE		RO02
SUBMURGNC		NOT SPECIFIED		X-2308		N/AVAIL	NOT AVAILABLE		RO02

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EP045/ELECTRICAL PENETRATION E-45

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R007
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R007
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R007
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R007
OP% TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R007
CHEM SPRAY		REPE005	NOT TESTED		X-2308		N/AVAIL NOT TESTED		R007
SEISMIC					X-2308				R007
AGING		NOT SPECIFIED			X-2308		N/AVAIL NOT AVAILABLE		R007
SUBMURGNC		NOT SPECIFIED			X-2308		N/AVAIL NOT AVAILABLE		R007
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP TEPO46/ELECTRICAL PENETRATION E-46

MANUFACTURER D.G. O'PRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002 X-2308 RDEP001 PROD & PROTO TESTING			RO08
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002 X-2308 RDEP002 PROD & PROTO TESTING			RO08
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002 X-2308 RDEP002 PROD & PROTO TESTING			RO08
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308 RDEP003 PROD & PROTO TESTING			RO08
OPR TIME MN	30 DAYS	1 YEAR	48 HOURS	X-2308	PROD & PROTO TESTING		RO08
CHEM SPRAY		REPE005	NOT TESTED	X-2308 N/AVAIL	NOT TESTED		RO08
SEISMIC				X-2308			RO08
AGING		NOT SPECIFIED		X-2308 N/AVAIL	NOT AVAILABLE		RO08
SUBMERGENC		NOT SPECIFIED		X-2308 N/AVAIL	NOT AVAILABLE		RO08

OUTSTANDING ITEMS/REMARKS

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SYSTEM MAIN STEAM (MS)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD.NO.344351AS/N:100858A, 447026-EU, TYPE:P, FR:MSG, 460/3/60, B INSUL., 1700RPM, S.F.=50

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-00-15

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL			
TEMP DEG F ZONE	C1				CDMS001				CRMS001	C501
PRESS PSIA ZONE	C1				CDMS001				CRMS001	C501
REL HUMID% ZONE	C1				CDMS001				CRMS001	C501
RADIATION ZONE	C1				CDMS001				CRMS001	C501
OPE TME MN									CRMS001	C501
CHEM SPRAY									CRMS001	C501
SEISMIC										C501
AGING									CRMS001	C501
SUEMERGENC										C501

DU,STANDING ITEMS/REMARKS

CDMS001 FSAR CHAPTER 6.0

CRMS001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING	OUTST**	***
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO02
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO02
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO02
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO02
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO02
SEISMIC					X-2308				RO02
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO02
EMERGENCY		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO02
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EP046/ELECTRICAL PENETRATION E-46

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO08
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO08
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO08
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO08
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO08
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO08
SEISMIC					X-2308				RO08
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO08
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO08
OUTSTANDING ITEMS/REMARKS									

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SYSTEM NEUTRON RANGE (NR)

COMP/EQUIP NEUTRON DETECTOR

MANUFACTURER

MODEL

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL			
TEMP DEG F ZONE	C1				NDNRO01				NRNRO01	N201
PRESS PSIA ZONE	C1				NDNRO01				NRNRO01	N201
REL HUMID% ZONE	C1				NDNRO01				NRNRO01	N201
RADIATION ZONE	C1				NDNRO01				NRNRO01	N201
OPE TME MN	30 DAYS									N201
CHEM SPRAY									NRNRO01	N201
SEISMIC										N201
AGING									NRNRO01	N201
SUBMURGENC	N/A									N201

OUTSTANDING ITEMS/REMARKS

NDNRO01 FSAR CHAPTER 6.0
NRNRO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM NEUTRON RANGE (NR)

COMP/EQUIP NEUTRON DETECTOR

MANUFACTURER

MODEL

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C1				NDNRO01				NRNRO01	N202
PRESS PSIA	ZONE C1				NDNRO01				NRNRO01	N202
REL HUMID%	ZONE C1				NDNRO01				NRNRO01	N202
RADIATION	ZONE C1				NDNRO01				NRNRO01	N202
OPE TME MN	30 DAYS									N202
CHEM SPRAY									NRNRO01	N202
SEISMIC										N202
AGING									NRNRO01	N202
SUBMURGNC										N202

OUTSTANDING ITEMS/REMARKS

NDNRO01 FSAR CHAPTER 6.0

NRNRO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM NEUTRON RANGE (NR)

COMP/EQUIP PREAMP

MANUFACTURER

MODEL

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS	COMP
					PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1				NDNROO1					NRNROO1	N203
PRESS PSIA	ZONE C1				NDNROO1					NRNROO1	N203
REL HUMID%	ZONE C1				NDNROO1					NRNROO1	N203
RADIATION	ZONE C1				NDNROO1					NRNROO1	N203
OPE TME MN	30 DAYS										N203
CHEM SPRAY										NRNROO1	N203
SEISMIC											N203
AGING										NRNROO1	N203
SUBMERGENC											N203

OUTSTANDING ITEMS/REMARKS

NDNROO1 FSAR CHAPTER 6.0
NRNROO1 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM NEUTRON RANGE (NR)

COMP/EQUIP NEUTRON DETECTOR

MANUFACTURER

MODEL

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE	C1			NDNR001					NRNR001	N204
PRESS PSIA ZONE	C1			NDNR001					NRNR001	N204
REL HUMID% ZONE	C1			NDNR001					NRNR001	N204
RADIATION ZONE	C1			NDNR001					NRNR001	N204
DEF TIME MIN		RPS								N204
CHEM SPRAY									NRNR001	N204
SEISMIC										N204
AGING									NRNR001	N204
SUBMERGENC										N204

OUTSTANDING ITEMS/REMARKS

NDNR001 FSAR CHAPTER 6.0
NDNR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD.NO.341972A, S/N:111587, TYPE:DAT, FR:C256Y, 460/3/60, 1730RPM, S.F.=100+(MEG OHMS)

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-4

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE	C1				CDRC001					CRR001	CO01
PRESS PSIA ZONE	C1				CDRC001					CRR001	CO01
REL HUMID% ZONE	C1				CDRC001					CRR001	CO01
RADIATION ZONE	C1				CDRC001					CRR001	CO01
GPE TME MN										CRR001	CO01
CHEM SPRAY										CRR001	CO01
SEISMIC										CRR001	CO01
AGING										CRR001	CO01
SUBMURGENC	N/A										CO01

OUTSTANDING ITEMS/REMARKS

CDRC001 FSAR CHAPTER 6.0
CRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD. NO. 338859A, S/N: 105282, 447133, TYPE P, FR 156, 230/460/3/60, 1700RPM, S.F. = 100+(MEG DHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

QUALIFICATION DATA SHEET

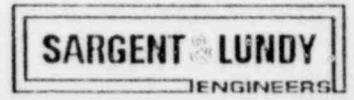
PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F ZONE	C1		298	CDRC001		CDRC002	CONCURRENT		C002
PRESS PSIA ZONE	C1		90	CDRC001		CDRC002	CONCURRENT		C002
REL HUMID% ZONE	C1		100	CDRC001		CDRC002	CONCURRENT		C002
RADIATION ZONE	C1		2.0E08 RADS	CDRC001		CDRC003	SEPARATE		C002
OPE TME MN									C002
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT		C002
CHEM SPRAY			PH 7.67						C002
SEISMIC								CRR001	C002
AGING								CRR001	C002
SUBMERGENC	N/A								C002

OUTSTANDING ITEMS/REMARKS

- CDRC001 FSAR CHAPTER 6.0
- CDRC002 FRANKLIN INST. TEST REPORT F-C2232-01
- CDRC003 WCAP 7410-L SECT. 5 VOL. I OF II
- CRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD. NO. 3458041, S/N: 114545, 456617-DV, TYPE: P, FR-M5G, 230/460/3/60, S.F. = 100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-00

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1		298	CDRC001		CDRC002	CONCURRENT		CO03
PRESS PSIA ZONE	C1		90	CDRC001		CDRC002	CONCURRENT		CO03
REL HUMID% ZONE	C1		100	CDRC001		CDRC002	CONCURRENT		CO03
RADIATION ZONE	C1		2.0E08 RADS	CDRC001		CDRC003	SEPARATE		CO03
OPE TIME MN									CO03
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT		CO03
CHEM SPRAY			PH 7.67						CO03
SEISMIC								CRR001	CO03
AGING								CRR001	CO03
SUBMERGENC	N/A								CO03

OUTSTANDING ITEMS/REMARKS

CDRC001 FSAR CHAPTER 6.0
CDRC002 FRANKLIN INST. TEST REPORT F-C2232-01
CDRC003 WCAP 7410-L SECT. 5 VOL. I OF II
CRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1				CDRC001					CRRC001	C004
PRESS PSIA	ZONE C1				CDRC001					CRRC001	C004
REL HUMID%	ZONE C1				CDRC001					CRRC001	C004
RADIATION	ZONE C1		5.0E07 RADS		CDRC001		CDRC004				C004
OPE TME MN										CRRC001	C004
CHEM SPRAY										CRRC001	C004
SEISMIC											C004
AGING										CRRC001	C004
SUBMERGEN ^c											C004

OUTSTANDING ITEMS/REMARKS

CDRC001 FSAR CHAPTER 6.0
CDRC004 WESTINGHOUSE LETTER NS-CE755, FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT
CRRC001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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

ACCURACY

QUALIFICATION DATA SHEET

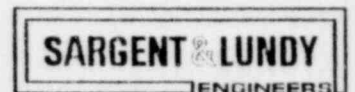
PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			
TEMP DEG F ZONE	C1			CDRC001					CRR001	C006
PRESS PSIA ZONE	C1			CDRC001					CRR001	C006
REL HUMID% ZONE	C1			CDRC001					CRR001	C006
RADIATION ZONE	C1			CDRC001					CRR001	C006
GPE TME MN									CRR001	C006
CHEM SPRAY									CRR001	C006
SEISMIC										C006
AGING									CRR001	C006
SUBMURGENC										C006

OUTSTANDING ITEMS/REMARKS

CDRC001 FSAR CHAPTER 6.0
CRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP LEVEL TRANSMITTER

MANUFACTURER BARTON

MODEL 386

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1				MDRC004					MDRC001	M301
PRESS PSIA	ZONE C1				MDRC004					MDRC001	M301
REL HUMID%	ZONE C1				MDRC004					MDRC001	M301
RADIATION	ZONE C1				MDRC004					MDRC001	M301
QPE TIME MN	30 DAYS										M301
CHEM SPRAY										MDRC001	M301
SEISMIC										MDRC001	M301
AGING										MDRC001	M301
SUBMERGENC										MDRC001	M301

OUTSTANDING ITEMS/REMARKS

MDRC004 FSAR CHAPTER 6.0

MRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)
COMP/EQUIP FLOW TRANSMITTER
MANUFACTURER FISCHER & PORTER
MODEL 10E2496PBBABBB-NS

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C1		290 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT		M302
PRESS PSIA	ZONE C1		75 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT		M302
REL HUMID%	ZONE C1		100 (2.5 HRS)	MDRC004		MDRC001	CONCURRENT		M302
RADIATION	ZONE C1		1.2E08 RADS	MDRC004		MDRC002	SEPARATE & COMPARISON		M302
OPE TME MN	30 DAYS								M302
CHEM SPRAY								MRRCO01	M302
SEISMIC								MRRCO01	M302
AGING								MRRCO01	M302
SUBMERGENC								MRRCO01	M302

OUTSTANDING ITEMS/REMARKS

MDRC001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969
MDRC002 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973
MDRC004 FSAR CHAPTER 6.0
MRRCO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)
COMP/LOOP PRESSURE TRANSMITTER
MANUFACTURER FISCHER & PORTER
MODEL 50EPT04ECCA NS

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLT DES	SPEC	REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP
TEMP DEG F	MURCO04	290 (2.5 HRS)	MURCO01	CONCURRENT	*****	*****	M303
PRESS PSIA	MURCO01	75 (2.5 HRS)	MURCO01	CONCURRENT	*****	*****	M303
REL HUMID %	MURCO04	100 (2.5 HRS)	MURCO01	CONCURRENT	*****	*****	M303
RADIATION	MURCO04	1.2E08 RADS	MURCO02	SEPARATE & COMPARISON	*****	*****	M303
OFF HRS		30 DAYS					M303
CHEM SPRA							M303
SEISMIC							M303
ACIDS							M303

SUBURGENT N/A
OUTSTANDING ITEMS/REMARKS

MURCO01 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969
MURCO02 FISCHER & PORTER D.P. NO.2224-1 REPORT NO. 004 OCT.22, 1973
MURCO04 FSAR CHAPTER 6.0
MURCO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

POOR ORIGINAL

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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION		REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**		
TEMP DEG F ZONE	C1			MDRC005					MRRCO02	M304
PRESS PSIA ZONE	C1			MDRC005					MRRCO02	M304
REL HUMID% ZONE	C1			MDRC005					MRRCO02	M304
RADIATION ZONE	C1			MDRC005					MRRCO02	M304
OPE TME MN	30 DAYS									M304
CHEM SPRAY									MRRCO02	M304
SEISMIC									MRRCO02	M304
AGING									MRRCO02	M304
SUBMERGENC	N/A									M304

OUTSTANDING ITEMS/REMARKS

MDRC005 FSAR Q10.10 & Q10.16
MRRCO02 RESOLVE MANUFACTURER & MODEL NO. INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 1EP006/ELECTRICAL PENETRATION E-6

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO01
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO01
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO01
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO01
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO01
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO01
SEISMIC					X-2308				RO01
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO01
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO01
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFIC TION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING			R002
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING			R002
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING			R002
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING			R002
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING			R002
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED			R002
SEISMIC					X-2308					R002
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE			R002
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE			R002
OUTSTANDING ITEMS/REMARKS										

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SYSTEM

COMP/EQUIP 1E021/ELECTRICAL PENETRATION E-21

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		PLANT DESIGN		SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD		OUTST**		REMARKS COMP	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	REMARKS COMP
TEMP DEG F	ZONE C-1	REPE001	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING					RO04
PRESS PSIA	ZONE C-1	REPE002	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					RO04
REL HUMID%	ZONE C-1	REPE003	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					RO04
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING					RO04
OPE TME MN	30 DAYS	1 YEAR	REPE005	48 HOURS		X-2308		PROD & PROTO TESTING		X-2308		PROD & PROTO TESTING					RO04
CHEM SPRAY		REPE005	REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		X-2308	N/AVAIL	NOT TESTED					RO04
SEISMIC						X-2308				X-2308							RO04
AGING						X-2308				X-2308							RO04
SUBMERGENC						X-2308				X-2308							RO04
OUTSTANDING ITEMS/REMARKS						X-2308				X-2308							RO04

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SYSTEM

COMP/EQUIP 1EP045/ELECTRICAL PENETRATION E-45

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R007
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R007
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R007
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R007
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R007
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R007
SEISMIC					X-2308				R007
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R007
SUBMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R007
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO46/ELECTRICAL PENETRATION E-46

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	QUALIFICATION	PLI DES	SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PR0TO TESTING			RO08
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PR0TO TESTING			RO08
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PR0TO TESTING			RO08
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PR0TO TESTING			RO08
OPR TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD & PR0TO TESTING			RO08
CHEM SPRAY		REPE005	NOT TESTED	X-2308			N/AVAIL NOT TESTED			RO08
SEISMIC				X-2308						RO08
AGING		NOT SPECIFIED		X-2308			N/AVAIL NOT AVAILABLE			RO08
SUBMURGNC		NOT SPECIFIED		X-2308			N/AVAIL NOT AVAILABLE			RO08

OUTSTANDING ITEMS/REMARKS



SYSTEM

COMP/EQUIP TEPO49/ELECTRICAL PENETRATION E-49

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R009
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R009
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R009
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R009
SEISMIC					X-2308				R009
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO51/ELECTRICAL PENETRATION E-51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO10
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO10
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO10
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO10
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO10
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO10
SEISMIC					X-2308				RO10
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO10
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO10
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO52/ELECTRICAL PENETRATION E-52

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT	PLANT DESIGN	PLANT DESIGN	QUALIFICATION SPECIFICATION	QUALIFICATION	PLT DES	REFERENCE	QUALIFICATION	QUALIFICATION	OUTST**	REMARKS
PARAMETER	TEMP DEG F	DEG F	ZONE	DESIGN	SPECIFICATION	ENVIRONMENT	DESIGN	REFERENCE	METHOD	TESTING	TESTING	COMP NO
TEMP DEG F	273	273	C-1	C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING	PROD & PROTO TESTING	RO11
PRESS PSIA			ZONE C-1	C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	PROD & PROTO TESTING	RO11
REL HUMID%			ZONE C-1	C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	PROD & PROTO TESTING	RO11
RADIATION			ZONE C-1	C-1	REPE004	6.4X10E-15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING	PROD & PROTO TESTING	RO11
OPE TIME	30	DAYS			1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING	PROD & PROTO TESTING	RO11
CHEM SPRAY					REPE005	NOT TESTED	X-2308	N/AVAIL		NOT TESTED	NOT TESTED	RO11
SEISMIC							X-2308					RO11
AGING					NOT SPECIFIED		X-2308	N/AVAIL		NOT AVAILABLE	NOT AVAILABLE	RO11
SUBMERGIC					NOT SPECIFIED		X-2308	N/AVAIL		NOT AVAILABLE	NOT AVAILABLE	RO11

OUTSTANDING ITEMS/REMARKS

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SYSTEM RESIDUAL HEAT REMOVAL (RH)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD.NO.342599B, S/N:115710, 463437-CV, TYPE P, FR:156, 230/460/3/60, 1700RPM, B INSUL., S.F.=100+

MANUFACTUER LIMITORQUE CONTROL

MODEL SMB-1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS	COMP
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F ZONE	C1				ADRHO02					ARRHO01	A255
PRESS PSIA ZONE	C1				ADRHO02					ARRHO01	A255
REL HUMID% ZONE	C1				ADRHO02					ARRHO01	A255
RADIATION ZONE	C1				ADRHO02					ARRHO01	A255
OPE TME MN										ARRHO01	A255
CHEM SPRAY										ARRHO01	A255
SEISMIC											A255
AGING										ARRHO01	A255
SUBMURGNC	N/A										A255

OUTSTANDING ITEMS/REMARKS

ADRHO02 FSAR CHAPTER 6.0

ARRHO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM RESIDUAL HEAT REMOVAL (RH)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD.NO.3458045, S/N:114860, Y239548A5-CV,FR:213R2, 230/460/3/60, 1725RPM, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	OUTST**	COMP ***	NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL					
TEMP DEG F ZONE	C1				ADRHO02				ARRHO01		A256	
PRESS PSIA ZONE	C1				ADRHO02				ARRHO01		A256	
REL HUMID% ZONE	C1				ADRHO02				ARRHO01		A256	
RADIATION ZONE	C1				ADRHO02				ARRHO01		A256	
OPE TME MN									ARRHO01		A256	
CHEM SPRAY									ARRHO01		A256	
SEISMIC											A256	
AGING									ARRHO01		A256	
SUBMERGENC	N/A										A256	

OUTSTANDING ITEMS/REMARKS

ADRHO02 FSAR CHAPTER 6.0

ARRHO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP IEP021/ELECTRICAL PENETRATION E-21

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	PLANT DESIGN	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP
		SPECIFICATION	ENVIRONMENT				
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002 X-2308	RDEP001	PROD & PROTO TESTING	RO04
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002 X-2308	RDEP002	PROD & PROTO TESTING	RO04
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002 X-2308	RDEP002	PROD & PROTO TESTING	RO04
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003	PROD & PROTO TESTING	RO04
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308		PROD & PROTO TESTING	RO04
CHEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED	RO04
SEISMIC				X-2308			RO04
AGING			NOT SPECIFIED	X-2308	N/AVAIL	NOT AVAILABLE	RO04
SUBMURGIC			NOT SPECIFIED	X-2308	N/AVAIL	NOT AVAILABLE	RO04



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SYSTEM

COMP/EQUIP 119020/ELECTRICAL PENETRATION E-22

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3-2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R005
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R005
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R005
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R005
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R005
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R005
SEISMIC					X-2308				R005
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R005
SUBMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R005
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 11P051/ELECTRICAL PENETRATION E-51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS COMP ***
	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLY DES SPEC	QUAL			
TEMP DEG F	REPE001	273 DEG. F	ZDCA002 X-2308	RDEF001	PROD & PROTD TESTING		RO10
PRESS PSIA	REPE002	47 PSIG	ZDCA002 X-2308	RDEF002	PROD & PROTD TESTING		RO10
REL HUMID%	REPE003	100%	ZDCA002 X-2308	RDEF002	PROD & PROTD TESTING		RO10
RADIATION	REPE004	6.4X10E15	ZDCA002 X-2308	RDEF003	PROD & PROTD TESTING		RO10
OPER TIME MIN	1 YEAR	48 HOURS	X-2308		PROD & PROTD TESTING		RO10
CHEM SPRAY	REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED		RO10
SEISMIC			X-2308				RO10
AGING		NOT SPECIFIED	X-2308	N/AVAIL	NOT AVAILABLE		RO10
SURBERGENIC		NOT SPECIFIED	X-2308	N/AVAIL	NOT AVAILABLE		RO10

OUTSTANDING ITEMS/REMARKS

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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1	271	308		FDRV007	FDRV001	FDRV004	CONCURRENT	NONE		FO01
PRESS PSIA	ZONE C1	47	80		FDRV007	FDRV001	FDRV004	CONCURRENT	NONE		FO01
REL HUMID%	ZONE C1	100	100		FDRV007	FDRV002	FDRV004	CONCURRENT	NONE		FO01
RADIATION	ZONE C1	1.5E08	1.4E08		FDRV007	FDRV003	FDRV005	SEPARATE	NONE	FRRV001	FO01
OPER TIME MN	30 DAYS										FO01
CHEM SPRAY		2500PPM BORON	3000PPM BORON		FDRV003 FDRV004			CONCURRENT			FO01
CHEM SPRAY		PH 9.5-10.0	PH 9.5-10.0								FO01
SEISMIC											FO01
AGING	40 YRS & ACCIDENT										FO01
SUBMERGENC	NOT APPLICABLE										FO01

OUTSTANDING ITEMS/REMARKS

FDRV001 SPECIFICATION X-2234 PAGE 7
 FDRV002 SPECIFICATION X-2234 PAGE 32
 FDRV003 SPECIFICATION X-2234 PAGE 10
 FDRV004 WESTINGHOUSE TEST REPORT (WCAP-9003), "FAN COOLER MOTOR TEST UNIT"
 FDRV005 WESTINGHOUSE TEST REPORT (WCAP-7744), "TOPICAL REPORT & ENVIRONMENTAL TESTING OF ENGINEERED SAFETY FEATURES RELATED EQUIP"
 FDRV007 FSAR CHAPTER 6.0
 FRRV001 THE RADIATION QUALIFICATION LEVEL IS CLOSE ENOUGH TO THE EXPECTED RADIATION LEVEL TO BE ACCEPTABLE

SYSTEM REACTOR VENTILATION (RV)
 COMP/EQUIP THREE-WAY SOLENOID VALVE FOR RCFC DAMPER CONTROL
 MANUFACTURER ASCO
 MODEL 8300

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1		271		IDRV001		IDRV003				1401
PRESS PSIA	ZONE C1		47		IDRV001		IDRV003				1401
REL HUMID%	ZONE C1		100		IDRV001		IDRV003				1401
RADIATION	ZONE C1		1.5E08 RADS		IDRV001		IDRV003				1401
OPE TME MN	30 DAYS										1401
CHEM SPRAY											1401
SEISMIC											1401
AGING									IRR001		1401
SUBMURGNC	N/A										1401

OUTSTANDING ITEMS/REMARKS

.....
 IDR001 FSAR CHAPTER 6.0
 IDR003 WESTINGHOUSE LETTER NS-CE755, FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT
 IRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1			MDRVOO1					MRRVOO1	M901
PRESS PSIA	ZONE C1			MDRVOO1					MRRVOO1	M901
REL HUMID%	ZONE C1			MDRVOO1					MRRVOO1	M901
RADIATION	ZONE C1			MDRVOO1					MRRVOO1	M901
OPE TME MN										M901
CHEM SPRAY									MRRVOO1	M901
SEISMIC										M901
AGING									MRRVOO1	M901
SUBMURGNC	N/A									M901

OUTSTANDING ITEMS/REMARKS

MDRVOO1 FSAR CHAPTER 6.0
MRRVOO1 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1			MDRVOO1					MRRVOO1	M904
PRESS PSIA	ZONE C1			MDRVOO1					MRRVOO1	M904
REL HUMID%	ZONE C1			MDRVOO1					MRRVOO1	M904
RADIATION	ZONE C1			MDRVOO1					MRRVOO1	M904
OPE TME MN										M904
CHEM SPRAY									MRRVOO1	M904
SEISMIC										M904
AGING									MRRVOO1	M904
SUBMURGENC	N/A									M904

OUTSTANDING ITEMS/REMARKS

MDRVOO1 FSAR CHAPTER 6.0
 MRRVOO1 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		QUALIFICATION SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE		QUALIFICATION METHOD		OUTST**		REMARKS COMP	
PARAMETER	PLANT DESIGN	REPE001	REPE002	REPE003	REPE004	1 YEAR	REPE005	PLT DES	SPEC	QUAL	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING
TEMP DEG F	ZONE C-1	273 DEG. F						ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	RO02
PRESS PSIA	ZONE C-1		47 PSIG					ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	RO02
REL HUMID%	ZONE C-1		100%					ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	RO02
RADIATION	ZONE C-1		6.4X10E15					ZDCA002	X-2308	RDFP003	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	RO02
OPE TME MH	30 DAYS		48 HOURS						X-2308		PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	PROD & PROTO TESTING	RO02
CHEM SPRAY			NOT TESTED						X-2308	N/AVAIL	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	RO02
SEISMIC									X-2308						RO02
AGING			NOT SPECIFIED						X-2308	N/AVAIL	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	RO02
SUBMERGENC			NOT SPECIFIED						X-2308	N/AVAIL	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	RO02

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EPO21/ELECTRICAL PENETRATION E-21

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R004
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	FRGD & PROTO TESTING		R004
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R004
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R004
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R004
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R004
SEISMIC					X-2308				R004
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R004
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R004
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO22/ELECTRICAL PENETRATION E-22

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R005
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R005
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R005
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R005
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R005
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R005
SEISMIC					X-2308				R005
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R005
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R005
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO34/ELECTRICAL PENETRATION E-54

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R006
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R006
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R006
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R006
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R006
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R006
SEISMIC					X-2308				R006
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R006
EMERGENCY		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R006

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EPO45/ELECTRICAL PENETRATION E-45

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN SPECIFICATION	ENVIRONMENT SPECIFICATION	QUALIFICATION	QUALIFICATION METHOD	DOCUMENTATION REFERENCE	PLT DES SPEC	QUAL	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F		RDEP001	X-2308	RDEP001	PROD & PROTO TESTING	ROO7
PRESS PSIA	ZONE C-1	REPE002	47 PSIG		RDEP002	X-2308	RDEP002	PROD & PROTO TESTING	ROO7
REL HUMID%	ZONE C-1	REPE003	100%		RDEP002	X-2308	RDEP002	PROD & PROTO TESTING	ROO7
RADIATION	ZONE C-1	REPE004	6.4X10E15		RDEP003	X-2308	RDEP003	PROD & PROTO TESTING	ROO7
OPER TIME MH	30 DAYS	1 YEAR	48 HOURS			X-2308		PROD & PROTO TESTING	ROO7
CHEM SPRAY		REPE005	NOT TESTED		N/AVAIL	X-2308		PROD & PROTO TESTING	ROO7
SEISMIC						X-2308			ROO7
AGING		NOT SPECIFIED			N/AVAIL	X-2308			ROO7
SUBMURGENCE		NOT SPECIFIED			N/AVAIL	X-2308			ROO7
OUTSTANDING ITEMS/REMARKS									ROO7

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SYSTEM

COMP/EQUIP 1E0046/ELECTRICAL PENETRATION E-46

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4 1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	FLAW DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	DOCUM. REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZORB X 1	REPE001	273 DEG. F	ZDGA002 X-2308	RDEP001 PROD & PROTO TESTING	*****	ROOR
FILES FILES	ZORB C 1	REPE002	47 F516	ZDGA002 X-2308	RDEP002 PROD & PROTO TESTING	*****	ROOR
REL HUMID	ZORB X 1	REPE003	100%	ZDGA002 X-2308	RDEP002 PROD & PROTO TESTING	*****	ROOR
RADIATION	ZORB C 1	REPE004	6.4X10E15	ZDGA002 X-2308	RDEP003 PROD & PROTO TESTING	*****	ROOR
DOE TRM	30 DAYS	1 YEAR	48 HOURS	X-2308	PROD & PROTO TESTING	*****	ROOR
CHRM SPRAY		REPE005	NOT TESTED	X-2308	REPE005 PROD & PROTO TESTING	*****	ROOR
SEISMIC				X-2308	REPE005 PROD & PROTO TESTING	*****	ROOR
AGING		NOT SPECIFIED		X-2308	REPE005 PROD & PROTO TESTING	*****	ROOR
SUBMERGENCE		NOT SPECIFIED		X-2308	REPE005 PROD & PROTO TESTING	*****	ROOR
OUTSTANDING ITEMS/REMARKS				X-2308	REPE005 PROD & PROTO TESTING	*****	ROOR

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SYSTEM

COMP/EQUIP 1E049/ELECTRICAL PENETRATION E-49

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET				DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	QUAL					
TEMP DEG F	REPE001	273 DEG. F	ZDCA002	X-2308	RDEF001	PROD & PROTO TESTING			RO09
PRESS PSIA	REPE002	47 PSIG	ZDCA002	X-2308	RDEF002	PROD & PROTO TESTING			RO09
REL HUMID%	REPE003	100%	ZDCA002	X-2308	RDEF002	PROD & PROTO TESTING			RO09
RADIATION	REPE004	6.4X10E15	ZDCA002	X-2308	RDEF003	PROD & PROTO TESTING			RO09
DPE TIME MN	1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING			RO09
CHEM SPRAY	REPE005	NOT TESTED	X-2308	N/AVAIL		NOT TESTED			RO09
SEISMIC			X-2308						RO09
AGING		NOT SPECIFIED	X-2308	N/AVAIL		NOT AVAILABLE			RO09
SUBMURGENT		NOT SPECIFIED	X-2308	N/AVAIL		NOT AVAILABLE			RO09



SYSTEM

COMP/EQUIP 1EPO51/ELECTRICAL PENETRATION E-51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS OUTST**	COMP *** NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTD TESTING		RO10
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		RO10
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		RO10
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTD TESTING		RO10
DPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTD TESTING		RO10
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO10
SEISMIC					X-2308				RO10
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO10
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO10
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO59/ELECTRICAL PENETRATION E-59

MANUFACTURER D. G. OYESTEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		PLANT DESIGN		SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE		QUALIFICATION METHOD		OUTST**		REMARKS COMP	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING										RO12
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING										RO12
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING										RO12
RADIATION	ZONE C-1	REPE004	6.4x10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING										RO12
DPE TIME MIN	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING										RO12
CHEM SPRAY		REPE005	NOT TESTED	X-2308			N/AVAIL NOT TESTED										RO12
SEISMIC				X-2308													RO12
AGING		NOT SPECIFIED		X-2308			N/AVAIL NOT AVAILABLE										RO12
EMERGENCY		NOT SPECIFIED		X-2308			N/AVAIL NOT AVAILABLE										RO12

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SYSTEM

COMP/EQUIP 1EPO04/ELECTRICAL PENETRATION E-4

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R025
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R025
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R025
RADIATION	ZONE C-1	REPE004	6.4X10E+5	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R025
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R025
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R025
SEISMIC					X-2308				R025
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R025
SUBMERGE/IC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R025
OUTSTANDING ITEMS/REMARKS									

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SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD.NO.345804A, S/N:119133, 46349GV, TYPE-P, FR-R56, 460/3/60, R INSULATION, S.F.=100+(MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL TYPE SMB-3

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1		298	ADS1002		ADS1003	CONCURRENT		A008
PRESS PSIA ZONE	C1		90	ADS1002		ADS1003	CONCURRENT		A008
REL HUMID% ZONE	C1		100	ADS1002		ADS1003	CONCURRENT		A008
RADIATION ZONE	C1		2.0E08 RADS	ADS1002		ADS1004	SEPARATE		A008
OPE TME MN									A008
CHEM SPRAY			1.5% BORIC ACID			ADS1003	CONCURRENT		A008
CHEM SPRAY			PH 7.67						A008
SEISMIC								ARS1001	A008
AGING								ARS1001	A008
SUBMURGENC	N/A								A008
OUTSTANDING ITEMS/REMARKS									

ADS1002 FSAR CHAPTE. G.0
ADS1003 FRANKLIN INST. TEST REPORT F-C2232-01
ADS1004 WCAP 7410-L SECT. 5 VOL. I OF II
ARS1001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP VALVE MOTOR OPERATOR/DRIP PROOF ENCLOSURE, CLASS B INSULATION, 460/3/60, DRD NO.3458040, S/N:123431, Y242816A15, TYPE:P

COMP/EQUIP FR:254UR3, S.F.=100+(MEG OHMS), 3375RPM

MANUFACTURER LIMITORQUE CONTROL

MODEL SMB-3-80

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F ZONE	C1		298	ADSI002		ADSI003	CONCURRENT		A010
PRESS PSIA ZONE	C1		90	ADSI002		ADSI003	CONCURRENT		A010
REL HUMID% ZONE	C1		100	ADSI002		ADSI003	CONCURRENT		A010
RADIATION ZONE	C1		2.0E08 RADS	ADSI002		ADSI004	SEPARATE		A010
OPE TME MN									A010
CHEM SPRAY			1.5% BORIC ACID			ADSI003	CONCURRENT		A010
CHEM SPRAY			PH 7.67						A010
SEISMIC								ARSI001	A010
AGING								ARSI001	A010
SUBMERGENC	N/A								A010

OUTSTANDING ITEMS/REMARKS

- ADSI002 FSAR CHAPTER 6.0
- ADSI003 FRANKLIN INST. TEST REPORT F-C2232-01
- ADSI004 WCAP 7410-L SECT. 5 VOL I OF II
- ARSI001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM SAFETY INJECTION (SI)

COMP/EQUIP LIMIT SWITCH

MANUFACTURER NAMCO

MODEL DX-2400

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			
TEMP DEG F	ZONE C1			ADSI002					ARSI001	A013
PRESS PSIA	ZONE C1			ADSI002					ARSI001	A013
REL HUMID%	ZONE C1			ADSI002					ARSI001	A013
RADIATION	ZONE C1			ADSI002					ARSI001	A013
OPE TME MN									ARSI001	A013
CHEM SPRAY									ARSI001	A013
SEISMIC									ARSI001	A013
AGING									ARSI001	A013
SUBEMERGENC	N/A									A013

OUTSTANDING ITEMS/REMARKS

ADSI002 FSAR CHAPTER 6.0
ARSI001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM SAFETY INJECTION (SI)
COMP/EQUIP FLOW TRANSMITTER
MANUFACTURER FISCHER & PORTER
MODEL 10B2496

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**		
TEMP DEG F ZONE	C1		290 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M102	
PRESS PSIA ZONE	C1		75 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M102	
REL HUMID% ZONE	C1		100 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M102	
RADIATION ZONE	C1		1.2E08 RADS	MDS1003		MDS1001	SEPARATE & COMPARISON		M102	
OPE TME MN	30 DAYS								M102	
CHEM SPRAY									M102	
SEISMIC								MRS1001	M102	
AGING								MRS1001	M102	
SUBMERGENC	N/A								M102	

OUTSTANDING ITEMS/REMARKS

MDS1001 FRANKLIN INST. TEST REPORT F-C2639 NOV. 1969
MDS1003 FSAR CHAPTER 6.0
MRS1001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C1		290 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M103
PRESS PSIA	ZONE C1		75 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M103
REL HUMID%	ZONE C1		100 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M103
RADIATION	ZONE C1		1.2E08 RADS	MDS1003		MDS1001	SEPARATE & COMPARISON		M103
OPE TME MN	30 DAYS								M103
CHEM SPRAY									M103
SEISMIC								MRS1001	M103
AGING								MRS1001	M103
SUBMURGENC	N/A							MRS1001	M103

OUTSTANDING ITEMS/REMARKS

MDS1001 FRANKLIN INST. TEST REPORT V-C2639 NOV. 1969
MDS1003 FSAR CHAPTER 6.0
MRS1001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM SAFETY INJECTION (SI)
 COMP/EQUIP LEVEL TRANSMITTER
 MANUFACTURER MAGNETROL
 MODEL A-153-FEP/VPX-Y-3X-TDM-SIM3H-SIM3H-SIM3H

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD			
TEMP DEG F ZONE	C1						MDS1003		MRS1002	M106
PRESS PSIA ZONE	C1						MDS1003		MRS1002	M106
REL HUMID% ZONE	C1						MDS1003		MRS1002	M106
RADIATION ZONE	C1						MDS1003		MRS1002	M106
OPE TME MN	30 DAYS									M106
CHEM SPRAY	N/A									M106
SEISMIC									MRS1002	M106
AGING									MRS1002	M106
SUBMERGENC	N/A									M106

OUTSTANDING ITEMS/REMARKS

MDS1003 FSAR CHAPTER 6.0
 MRS1002 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 1EPO06/ELECTRICAL PENETRATION E-6

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING				ROOT1
PRESS PSIA	ZONE C-1	REPE002	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				ROOT1
REL HUMID%	ZONE C-1	REPE003	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				ROOT1
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING				ROOT1
OFF TIME MIN	30 DAYS	1 YEAR	REPE005	48 HOURS		X-2308		PROD & PROTO TESTING				ROOT1
CHEM SPRAY		REPE005	REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED				ROOT1
SEISMIC						X-230E						ROOT1
AGING			NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE				ROOT1
SUBMERGENC			NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE				ROOT1

OUTSTANDING ITEMS/REMARKS

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POOR ORIGINAL



SYSTEM

COMP/EQUIP 1EPG15/ELECTRICAL PENETRATION E-15

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PRDCT TESTING		R002
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PRDCT TESTING		R002
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PRDCT TESTING		R002
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PRDCT TESTING		R002
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PRDCT TESTING		R002
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R002
SEISMIC					X-2308				R002
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R002
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R002
OUTSTANDING ITEMS/REMARKS									

SYSTEM

COMP/EQUIP TEP017/ELECTRICAL PENETRATION F-17

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R003
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R003
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R003
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R003
ÓPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R003
CHEM SPRAY		REPE00	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R003
SEISMIC					X-2308				R003
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R003
SUBMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R003
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO21/ELECTRICAL PENETRATION E-21

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PRDD & PRDTG TESTING	OUTST**	***
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PRDD & PRDTG TESTING		RO04
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PRDD & PRDTG TESTING		RO04
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PRDD & PRDTG TESTING		RO04
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PRDD & PRDTG TESTING		RO04
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO04
SEISMIC					X-2308				RO04
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO04
SURMERGENC		NOT SPECIFIED			-2308	N/AVAIL	NOT AVAILABLE		RO04
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP REPO22/ELECTRICAL PENETRATION E-22

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R005
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R005
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R005
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R005
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R005
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R005
SEISMIC					X-2308				R005
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R005
SUBMURGENC		NOT SPECIFIED			X-2303	N/AVAIL	NOT AVAILABLE		R005
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMB/EQUIP 1E034/ELECTRICAL PENETRATION E-34

MANUFACTURER D. G. O'RIEN

MODEL TYPE 2-2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	REFERENCE	QUALIFICATION METHOD	OUTST	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PRTO TESTING				RO06
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PRTO TESTING				RO06
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PRTO TESTING				RO06
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PRTO TESTING				RO06
OPR TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PRTO TESTING				RO06
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED				RO06
MECHANIC					X-2308						RO06
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE				RO06
EMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE				RO06

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EPO45/ELECTRICAL PENETRATION E-45

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		PLANT DESIGN		SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD		OUTST**		REMARKS COMP	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	NO
TEMP DEG F	ZONE C-1	REPE001	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING									RO07
PRESS PSIA	ZONE C-1	REPE002	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING									RO07
REL HUMID%	ZONE C-1	REPE003	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING									RO07
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING									RO07
OPE TME MN	30 DAYS	1 YEAR	REPE005	48 HOURS	X-2308			PROD & PROTO TESTING									RO07
CHEM SPRAY		REPE005	REPE005	NOT TESTED	X-2308		N/AVAIL	NOT TESTED									RO07
SEISMIC					X-2308												RO07
AGING					X-2308		N/AVAIL	NOT AVAILABLE									RO07
SUBMERGENC					X-2308		N/AVAIL	NOT AVAILABLE									RO07
OUTSTANDING	ITEMS/REMARKS																RO07



SYSTEM

COMP/EQUIP 1EPO46/ELECTRICAL PENETRATION E-46

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO08
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO08
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO08
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO08
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO08
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO08
SEISMIC					X-2308				RO08
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO08
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO08

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EPO49/ELECTRICAL PENETRATION E-49

MANUFACTUER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R009
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R009
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R009
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R009
SEISMIC					X-2308				R009
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP IEPO51/ELECTRICAL PENETRATION E-51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO10
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO10
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO10
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO10
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO10
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO10
SEISMIC					X-2308				RO10
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO10
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO10
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO52/ELECTRICAL PENETRATION E-52

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO11
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO11
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO11
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO11
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO11
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO11
SEISMIC					X-2308				RO11
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO11
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO11
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EPO59/ELECTRICAL PENETRATION E-59

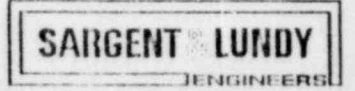
MANUFACTURER D.G. O'BRIEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO12
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO12
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO12
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO12
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO12
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO12
SEISMIC					X-2308				RO12
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO12
SURMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO12
OUTSTANDING ITEMS/REMARKS									



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SYSTEM CHEMICAL & VOLUME CONTROL (VC)
 COMP/EQUIP SOLENOID OPERATOR
 MANUFACTURER AMERICAN SWITCH COMPANY
 MODEL LB-831654

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
TEMP DEG F	ZONE C1				BDVCO03					BRVCO01	B507
PRESS PSIA	ZONE C1				BDVCO03					BRVCO01	B507
REL HUMID%	ZONE C1				BDVCO03					BRVCO01	B507
RADIATION	ZONE C1		5.0E08 RADS		BDVCO03		BDVCO02				B507
OPE TME MN										BRVCO01	B507
CHEM SPRAY										BRVCO01	B507
SEISMIC											B507
AGING										BRVCO01	B507
SUBMURGNC											B507

OUTSTANDING ITEMS/REMARKS

BDVCO02 WESTINGHOUSE LETTER NS-CE755. FAILURE MODE ANALYSIS FOR SAFETY RELATED SOLENOID VALVES IN ACCIDENT ENVIRONMENT
 BDVCO03 FSAR CHAPTER 6.0
 BRVCO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 1EPO06/ELECTRICAL PENETRATION E-6

MANUFACTURER D. G. D'ERLEN

MODEL TYPE 4 1

ACCURACY

PARAMETER	FLARE DESIGN	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP *** NO
		ENVIRONMENT SPECIFICATION	QUALIFICATION				
TEMP DEG F	ZONE C-1	REPE001	273 DEG F	ZDCA002 X-230B	RDEP001	PROD & PROTO TESTING	ROOT
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002 X-230B	RDEP002	PROD & PROTO TESTING	ROOT
REL HUMIDITY	ZONE C-1	REPE003	100%	ZDCA002 X-230B	RDEP002	PROD & PROTO TESTING	ROOT
FABRICATION	ZONE C-1	REPE004	6 AXIALLY	ZDCA002 X-230B	RDEP003	PROD & PROTO TESTING	ROOT
OFF TIME MIN	50 DAYS	1 YEAR	48 HOURS	X-230B		PROD & PROTO TESTING	ROOT
CHEM SPRAY		REPE005	PROT TESTED	X-230B	R/AVAIL	NOT TESTED	ROOT
SELFHEAL				X-230B			ROOT
AGING		NOT SPECIFIED		X-230B	R/AVAIL	NOT AVAILABLE	ROOT
SURBERGENC OUTSTANDING ITEMS/REMARKS		NOT SPECIFIED		X-230B	R/AVAIL	NOT AVAILABLE	ROOT

POOR ORIGINAL



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SYSTEM

COMP/EQUIP 1EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R002
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R002
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R002
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R002
DPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R002
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R002
SEISMIC					X-2308				R002
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R002
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R002

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EPO17/ELECTRICAL PENETRATION E-17

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTD TESTING		R003
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R003
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R003
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTD TESTING		R003
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTD TESTING		R003
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R003
SEISMIC					X-2308				R003
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R003
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R003
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1EP021/ELECTRICAL PENETRATION E-21

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-230B	RDEP001	PROD & PROTO TESTING		R004
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-230B	RDEP002	PROD & PROTO TESTING		R004
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-230B	RDEP002	PROD & PROTO TESTING		R004
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-230B	RDEP003	PROD & PROTO TESTING		R004
OPR TME MN	30 DAYS	1 YEAR	48 HOURS		X-230B		PROD & PROTO TESTING		R004
CHEM SPRAY		REPE005	NOT TESTED		X-230B	N/AVAIL	NOT TESTED		R004
SEISMIC					X-230B				R004
AGING		NOT SPECIFIED			X-230B	N/AVAIL	NOT AVAILABLE		R004
SUBMURGNC		NOT SPECIFIED			X-230B	N/AVAIL	NOT AVAILABLE		R004
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 1E0045/ELECTRICAL PENETRATION E-45

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		PLANT DESIGN		QUALIFICATION SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD		OUTST**		REMARKS COMP	
PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING										RO07
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING										RO07
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING										RO07
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING										RO07
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING										RO07
CHEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL		NOT TESTED										RO07
SEISMIC				X-2308													RO07
AGING				X-2308													RO07
SUBMERGENC				X-2308													RO07
OUTSTANDING	ITEMS/REMARKS			X-2308													RO07

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SYSTEM

COMP. EQUIP. IEP046/ELECTRICAL PENETRATION E-46

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
		ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC	QUAL	REF				
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEF001	PROD & PROTO TESTING			RO08
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEF002	PROD & PROTO TESTING			RO08
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEF002	PROD & PROTO TESTING			RO08
RADIATION	ZONE C-1	REPE004	6.4 X 10E15	ZDCA002	X-2308	RDEF003	PROD & PROTO TESTING			RO08
OFF TIME MH	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING			RO08
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED			RO08
SEISMIC					X-2308					RO08
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE			RO08
SUBMERGENCE		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE			RO08

OUTSTANDING ITEMS/REMARKS



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SYSTEM

COMP/EQUIP 1EPO49/ELECTRICAL PENETRATION E-49

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R009
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R009
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R009
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R009
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R009
SEISMIC					X-2308				R009
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R009

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 1EPOS1/ELECTRICAL PENETRATION E-51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLI DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R010
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R010
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R010
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R010
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R010
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R010
SEISMIC					X-2308				R010
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R010
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R010
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP IEPO52/ELECTRICAL PENETRATION E-52

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO11
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO11
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO11
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO11
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO11
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO11
SEISMIC					X-2308				RO11
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO11
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO11
OUTSTANDING ITEMS/REMARKS									

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APPENDIX C.4

IDENTIFICATION SHEETS

UNIT 1 "HARSH OUTSIDE CONTAINMENT"

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COMPONENT/EQUIPMENT ID SHEET

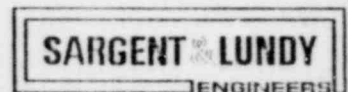
SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN		FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
							IN	OUT				
AF	1AP053	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 17	X-2329	119387	P/21 579		A-8	AUX		22E-O-3064	Q033
			FUNCTION/SERVICE-	POWER FEED TO MOV HTRS								
AP	1AP054	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 18	X-2329	119387	P/20 579		A-8	AUX		22E-O-3064	Q034
			FUNCTION/SERVICE-	POWER FEED TO MOV HTRS								
AR	ORE-AR08	RADIATION DETECTOR	NMC GA-2TM	X-2333		K/20 592'-0''		A9	AUX	N/A	M-293	M801
			FUNCTION/SERVICE:	ALARM & RECORDING/AUX BLDG.								
AR	ORE-AR09	RADIATION DETECTOR	NMC GA-2TM	X-2333		N/20 579'-0''		A8	AUX	N/A	M-291	M801
			FUNCTION/SERVICE:	ALARM & RECORDING/AUX BLDG.								
AV	1AB0299	JUNCTION BOX				H/24 579		A-8	AUX		22E-O-3061	
			FUNCTION/SERVICE-	CENTRIFUGAL CHARGING PUMP 1A COOLER								
AV	1AB0300	JUNCTION BOX				H/24 579		A-8	AUX		22E-O-3061	
			FUNCTION/SERVICE-	CENTRIFUGAL CHARGING PUMP 1B COOLER								
AV	1AB0301	JUNCTION BOX				H/26 579		A-8	AUX		22E-O-3061	
			FUNCTION/SERVICE-	RECIPROCATING CHARGING PUMP 1C COOLER								
AV	1AB0322	JUNCTION BOX				M/23 579		A-8	AUX		22E-O-3059	
			FUNCTION/SERVICE-	CONTMT SPRAY PUMP 1B COOLER								
AV	1AB0323	JUNCTION BOX				K/26 579		A-8	AUX		22E-O-3061	
			FUNCTION/SERVICE-	RECIPROCATING CHARGING PUMP 1C COOLER								
AV	1AB0324	JUNCTION BOX				K/24 579		A-8	AUX		22E-O-3061	
			FUNCTION/SERVICE-	CENTRIFUGAL CHARGING PUMP 1A COOLER								
AV	1AB0325	JUNCTION BOX				H/24 579		A-8	AUX		22E-O-3061	
			FUNCTION/SERVICE-	CENTRIFUGAL CHARGING PUMP 1B COOLER								
AV	1AV010	UNIT COOLER/ FAN MOTOR	WEST. 2 TYPE B/ 145 T FRAME	X-2281		L/26 579'-0''		A14	AUX	N/A	M-79	E003
			FUNCTION/SERVICE-RECIF.	CHARGING PUMP/TEMPERATURE CONTROL								

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AV 1AV011	UNIT COOLER/ FAN MOTOR	WEST.	3 TYPE B/ 182 T FRAME	X-2281		L/25 579'-0"	A14 AUX	N/A		M-79	E004
	FUNCTION/SERVICE-CENT. CHARGING PUMP/TEMPERATURE CONTROL										
AV 1AV012	UNIT COOLER/ FAN MOTOR	WEST.	3 TYPE B/ 182 T FRAME	X-2281		L/24 579'-0"	A14 AUX	N/A		M-79	E004
	FUNCTION/SERVICE-CENT. CHARGING PUMP/TEMPERATURE										
AV OTS-AV109	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		L/14 579'-0"	A8 AUX	N/A		M-7	I004
	FUNCTION/SERVICE:CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL										
AV OTS-AV110	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		H/16 579'-0"	A8 AUX	N/A		M-7	I004
	FUNCTION/SERVICE:CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL										
AV OTS-AV111	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		H/17 579'-0"	A8 AUX	N/A		M-7	I004
	FUNCTION/SERVICE:CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL										
AV OTS-AV112	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		H/26 579'-0"	A8 AUX	N/A		M-7	I004
	FUNCTION/SERVICE:CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL										
AV OTS-AV113	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		H/24 579'-0"	A8 AUX	N/A		M-7	I004
	FUNCTION/SERVICE:CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL										
AV OTS-AV114	TWO STAGE SPACE THERST.	PENN	A-28-AA37	X-2286		H/23 579'-0"	A8 AUX	N/A		M-7	I004
	FUNCTION/SERVICE:CHARGING PUMPS 2A ROOM CUBICLE COOLER CONTROL										
CC 1AB0210	JUNCTION BOX					P/23 592	A12 AUX			22E-1-3207	
	FUNCTION/SERVICE- CC FROM EXCESS LEEDOWN DESCH STOP VLV 1AV-CC9437										
CC 1AB0190	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	K/22 592	A 9 AUX			22E-0-3069	
	FUNCTION/SERVICE- CC PUMPS TEMPERATURE ALARM 1FIC-671A										
CC 1AB0197	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	K/21 592	A 9 AUX			22E-0-3069	
	FUNCTION/SERVICE- CC PUMPS TEMPERATURE ALARM 1FIC-671B										
CC 1AB0192	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	K/20 592	A 9 AUX			22E-0-3069	
	FUNCTION/SERVICE- CC PUMPS TEMPERATURE ALARM 1FIC-672										

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PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CC 1MOV-CC9412A	VALVE MOTOR OPERATOR	LIMIT	SMB-00-15	G-676258		L/21 560'-0"	A15 AUX	N/A		M-67	C252
				FUNCTION/SERVICE-POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP							
CC 1MOV-CC9412B	VALVE MOTOR OPERATOR	LIMIT	SMB-00-15	G-676258		M/21 560'-0"	A15 AUX	N/A		M-67	C252
				FUNCTION/SERVICE-POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP							
CC 1AP053	MOV HTRS- DIST. PNL-DIV 17	FISH-H	B/M-C-458	X-2329	119387	P/21 579	A-8 AUX			22E-0-3064	Q033
				FUNCTION/SERVICE- POWER SUPPLY FOR CC SYS MOV HTRS							
CC 1AP054	MOV HTRS- DIST. PNL-DIV 18	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q034
				FUNCTION/SERVICE- POWER SUPPLY FOR CC SYS MOV HTRS							
CC 1LP57	REMOTE SHTDN PANEL DIV 17	FISH-H		X-2329	119387	H/24 579	A-8 AUX			22E-0-3061	T013
				FUNCTION/SERVICE- CONT & INDIC FOR CC SYS PUMPS AND VALVES							
CC 1LP58	REMOTE SHTDN PANEL DIV 18	FISH-H		X-2329			A-8 AUX			22E-0-3063	T014
				FUNCTION/SERVICE-CONTROL AND INDICATION FOR CC SYS PUMPS AND VALVES							
CC 1LP59	REMOTE SHUT. CON. SA.DV. 19	FISH-H		X-2329	119387	H/24 579	A-8 AUX			22E-0-3061	T015
				FUNCTION/SERVICE- CONT & INDIC FOR CC SYS PUMPS & VLVS							
CI 1AB0130	JUNCTION BOX					P/23 574	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-FP SYS CONTAINMENT ISOLATION VALVE 1FCV-FP08							
CI 1AB0142	JUNCTION BOX					P/23 598	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE- SA ISOL AIR OPER VLV 1FCV-SA01A							
CI 1AB0143	JUNCTION BOX					R/23 598	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE- SA ISOL AIR OPER VLV 1FCV-SA01B							
CI 1AB0145	JUNCTION BOX					R/23 598	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE- RX DRAIN TANK NITROGEN PURGE ISOL VLV 1ADV-DT9157							
				FUNCTION/SERVICE- RX COOLANT DRAIN TANK VENT ISOL VLV 1ADV-DT9160A							

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT TO SHEET				P.D. NO.	FLO / FLOW	CONT'D TO	FLO	VENDOR DRAWING	S&L DRAWING	COMP NO
		COMPONENT/EQUIPMENT	MFR NUMBER	DESCRIPTION SPEC	CECD							
CI	1AB0228	JUNCTION BOX				R/23 558		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0233	JUNCTION BOX				P/23 574		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0236	JUNCTION BOX				P/23 574		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0297	JUNCTION BOX				P/23 598		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0298	JUNCTION BOX				R/23 598		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0312	JUNCTION BOX				P/23 582		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0314	JUNCTION BOX				R/23 582		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0315	JUNCTION BOX				P/23 582		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0316	JUNCTION BOX				P/23 582		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0326	JUNCTION BOX				P/23 582		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								
CI	1AB0327	JUNCTION BOX				P/23 582		A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-								

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	OUT	FID BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO	
CI	1AB0386	JUNCTION BOX					P/23 574		A12	AUX		22E-1-3207		
		FUNCTION/SERVICE-			NONFILTER VENT HDR ISOL VLV 1A0V-VN02A									
CI	1AB0387	JUNCTION BOX					P/23 574		A12	AUX		22E-1-3207		
		FUNCTION/SERVICE-			NONFILTER VENT HDR ISOL VLV 1A0V-VN02B									
CI	1AB0388	JUNCTION BOX					R/23 574		A12	AUX		22E-1-3207		
		FUNCTION/SERVICE-			FILTER VENT HDR ISOL VLV 1A0V-VF01A									
CI	1AB0389	JUNCTION BOX					R/23 574		A12	AUX		22E-1-3207		
		FUNCTION/SERVICE-			FILTER VENT HDR ISOL VLV 1A0V-VF01B									
CI	1AB0396	JUNCTION BOX					P/23 574		A12	AUX		22E-1-3207		
		FUNCTION/SERVICE-			WASTE DISPOSAL SYS DISCH ISOL VLV 1FCV-WD0017A									
CI	1AB0397	JUNCTION BOX					P/23 574		A12	AUX		22E-1-3207		
		FUNCTION/SERVICE-			WASTE DISPOSAL SYS DISCH ISOL VLV 1FCV-WD0017B									
CI	OLP10	WASTE GAS & RECOVERY PNL	WE		X-2200S		K/15 592		A-9	AUX		22E-0-3070		
		FUNCTION/SERVICE-												
CI	1AB0360	JUNCTION BOX					K/28 617		A-9	AUX		22E-0-3075		
		FUNCTION/SERVICE-			RADWASTE EVAP SYS HEAT TRACING CONC STORAGE INK & EVAP SUMP (SYS 1)									
CI	1MDV-CC9412A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	P/23 588'-0''		A12	AUX	N/A	93-13118	M-67	BO01
		FUNCTION/SERVICE:			ACTUATES VALVE/TO REACTOR COOLANT PUMPS FROM COMPONENT COOLING HEAT EXCH.									
CI	1MDV-CC9413B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	P/23 588'-0''		A12	AUX	N/A	93-13118	M-67	BO01
		FUNCTION/SERVICE:			ACTUATES VALVE/TO REACTOR COOLANT PUMPS FROM COMPONENT COOLING HEAT EXCH.									
CI	1MDV-CC9414	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	P/23 588'-0''		A12	AUX	N/A	93-13118	M-67	BO01
		FUNCTION/SERVICE:			ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLING PUMPS									
CI	1MDV-CC943B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	P/23 588'-0''		A12	AUX	N/A	88414/1	M-67	BO01
		FUNCTION/SERVICE:			ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLANT PUMPS									

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1MOV-FCV-685	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	P/23 588'-0''	A12 AUX	N/A	88414/1	M-67	B001
FUNCTION/SERVICE:ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLANT PUMPS												
CI	1MOV-VC-8105	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/23 579'-0''	A12 AUX	N/A	88405-2	M-55	B001
FUNCTION/SERVICE:ACTUATES VALVE/TO REGENERATIVE HEAT EXCH. FROM CHARGING PUMPS PUMPS												
CI	1MOV-VC-8106	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/23 579'-0''	A12 AUX	N/A	88405-2	M-55	B001
FUNCTION/SERVICE:ACTUATES VALVE/TO REGENERATIVE HEAT EXCH. FROM CHARGING PUMPS PUMPS												
CI	1MOV-VC8100	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251		A12 AUX	N/A	93-13114	M-55	B001
FUNCTION/SERVICE:ACTUATES VALVE/FROM REACTOR COOLANT PUMP & SEAL TO SEAL WATER HEAT EXCH.												
CI	1ADV-CC9437	SOLENOID OPERATOR			G-676270	091713		A12 AUX	N/A	CP1-18-71RE	M-67	B002
FUNCTION/SERVICE:ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM EXCESS LET DOWN HEAT EXCH.												
CI	1MOV-FW0016	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1MOV-FW0017	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1MOV-FW0018	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1MOV-FW0019	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-22	B003
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER												
CI	1ADV-BD0001	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	L/14 560'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1ADV-BD0002	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2298	113420	L/12 560'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												
CI	1ADV-BD0003	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	L/14 560'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.												



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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN	FLD BUILT	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 1A0V-BD0004	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	H/15 542'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.											
CI 1A0V-ED0005	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	H/15 542'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.											
CI 1A0V-ED0006	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	H/15 542'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.											
CI 1A0V-BD0007	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	K/10 542'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.											
CI 1A0V-ED0008	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420	K/10 542'-0''	A12 AUX	N/A		M-45	B004
FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.											
CI 1A0V-LCV-DI1003	SOLENOID OPERATOR	ASCO	LB-83146	G-676381	086075		A12 AUX	N/A	WAPD-CV-SS-BR	M-87	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO HOLDUP TANK FROM REACTOR COOLANT DRAIN PUMP											
CI 1A0V-RC8025	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-53	B005
FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK											
CI 1A0V-RC8026	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-53	B005
FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK											
CI 1A0V-RC8028	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075		A12 AUX	N/A	WAPD-CS-SS-BR		B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK											
CI 1A0V-RC8029	SOLENOID OPERATOR	ASCO	FT-8320A22	G-676281	086075		A12 AUX	N/A	WAPD-CS-SS-BR		B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK											
CI 1A0V-RC8033	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075		A12 AUX	N/A	WAPD-CV-SS-2R		B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD											
CI 1A0V-SS-9354A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE											

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CI	1A0V-SS9354B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE												
CI	1A0V-SS9355A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE												
CI	1A0V-SS9355B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE												
CI	1A0V-SS9356A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D												
CI	1A0V-SS9356B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D												
CI	1A0V-SS9357A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES												
CI	1A0V-SS9357B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	B005
FUNCTION/SERVICE: ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES												
CI	1A0V-VC-8152	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075		A12 AUX	N/A	WAPD-CV-SS-2R		B006
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD												
CI	1A0V-VC-8153	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075		A12 AUX	N/A	WAPD-CV-SS-2P		B006
FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD												
CI	1FCV-BD17	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12 AUX	N/A			B007
FUNCTION/SERVICE:												
CI	1FCV-FP08	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12 AUX	N/A			B007
FUNCTION/SERVICE:												
CI	1FCV-1A01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12 AUX	N/A			B007
FUNCTION/SERVICE:												

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CDL/RGW ELEVAIN	CONTAIN IN	FLD BULD	LEV	VENDOR DRAWING	S&I DRAWING	COMP NO
CI 1FCV-1A01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR19A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR19B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR20A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR20B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR21A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR21B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR22A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR22B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR23A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR23B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										
CI 1FCV-PR24A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12	AUX	N/A		B007
		FUNCTION/SERVICE:										

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*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	1FCV-PR24B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-RV111	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-RV112	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-RV113	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-RV114	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-SA01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-SA01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-SS02	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-SS03	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-SS04	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-SS05	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										
CI	1FCV-VF01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A12	AUX	N/A			B007
			FUNCTION/SERVICE:										



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CI	1FCV-VF01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12 AUX	N/A		B007
		FUNCTION/SERVICE:										
CI	1FCV-VN02A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12 AUX	N/A		B007
		FUNCTION/SERVICE:										
CI	1FCV-VN02B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12 AUX	N/A		B007
		FUNCTION/SERVICE:										
CI	1FCV-WD17A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12 AUX	N/A		B007
		FUNCTION/SERVICE:										
CI	1FCV-WD17B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296				A12 AUX	N/A		B007
		FUNCTION/SERVICE:										
CS	1LS-CS44	LEVEL INDICATOR SWITCH	ENDRES HOUSER			CECO	K/23 592'-0''	A9 AUX	N/A		M-44 M-293	M003
		FUNCTION/SERVICE: SRAY ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL										
CS	1LS-CS45	LEVEL INDICATOR SWITCH	ENDRES HOUSER			CECO	K/23 592'-0''	A9 AUX	N/A		M-44 M-293	M003
		FUNCTION/SERVICE: SRAY ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL										
CS	1AP053	MOV HTRS-DIST. PNL-DIV 17	FISH-H B/M-C-45B		X-2329	119387	P/21 579	A-8 AUX			22E-0-3064	Q033
		FUNCTION/SERVICE- POWER SUPPLY FOR CS SYS MOV HTRS										
CS	1AP054	MOV HTRS-DIST. PNL-DIV 18	FISH-H B/M-C-45B		X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q034
		FUNCTION/SERVICE- POWER SUPPLY FOR CS SYS MOV HTRS										
DC	1AB0531	JUNCTION BOX					H/24 592	A-9 AUX			22E-0-3068	
		FUNCTION/SERVICE-										
FW	1AB0173	JUNCTION BOX					G/24 579	A-8 AUX			22E-0-3061	
		FUNCTION/SERVICE-										
FW	1AB0174	JUNCTION BOX					G/23 579	A-8 AUX			22E-0-3062	
		FUNCTION/SERVICE-										

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PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUIDL LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 1AB0191	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/21 592	A-9 AUX			22E-0-3069	
		FUNCTION/SERVICE-								
FW 1AB0192	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/21 592	A-9 AUX			22E-0-3069	
		FUNCTION/SERVICE-								
FW 1FW005	PUMP MOTOR UNIT	WEST HSDP	X-2247 X-2200		H/23 579'-0''	A8 AUX	N/A		M-22	B751
		FUNCTION/SERVICE:ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN								
FW 1FW006	PUMP MOTOR UNIT	WEST HSDP	X-2247 X-2200		H/24 579'-0''	A8 AUX	N/A	FC-45796	M-22	B751
		FUNCTION/SERVICE:ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN								
FW 1FW004	PUMP MOTOR UNIT	WEST SBDP	X-2247 X-2200		H/22 579'-0''	A8 AUX	N/A	FC-45801-0	M-22	B752
		FUNCTION/SERVICE:ACTUATES PUMP/AUX FW PUMP TURBINE DRIVEN								
FW 1MOV-FW0075	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2218	398321	H/22 579'-0''	A8 AUX	N/A	037404	M-37-1	B755
		FUNCTION/SERVICE:ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY								
FW 1MOV-FW0074	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2218	398321	H/23 579'-0''	A8 AUX	N/A	037430-2	M-37-1	B756
		FUNCTION/SERVICE:ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY								
FW 1MOV-FW0076	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2218	398321	H/23 579'-0''	A8 AUX	N/A	037430-2	M-37-1	B756
		FUNCTION/SERVICE:ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY								
FW 1MOV-FW0050	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	P/24 600'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS								
FW 1MOV-FW0051	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	P/24 600'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS								
FW 1MOV-FW0052	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	P/24 583'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS								
FW 1MOV-FW0053	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	P/24 583'-0''	A12 AUX	N/A	037420-6	M-22	B757
		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS								

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CFCO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO.
FW 1MDV-FW0054	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/23 576'-0''	A12 AUX	N/A	037420-6	M-22	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 1MDV-FW0055	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/24 579'-0''	A12 AUX	N/A	037420-6	M-22	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 1MDV-FW0056	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/24 597'-0''	A12 AUX	N/A	037420-6	M-22	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 1MDV-FW0057	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/24 597'-0''	A12 AUX	N/A	037420-6	M-22	B757
FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
FW 1FT-0510	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	J/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG A FLOW INDICATION & ALARM, REACT. TRIP/SG A FEEDWATER											
FW 1FT-0511	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	G/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG A FLOW INDICATION & ALARM, REACT. TRIP/SG A FEEDWATER											
FW 1FT-0520	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	J/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG C FLOW INDICATION & ALARM, REACT. TRIP/SG C FEEDWATER											
FW 1FT-0521	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	G/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG C FLOW INDICATION & ALARM, REACT. TRIP/SG C FEEDWATER											
FW 1FT-0530	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	J/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG D FLOW INDICATION & ALARM, REACT. TRIP/SG D FEEDWATER											
FW 1FT-0531	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	G/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG D FLOW INDICATION & ALARM, REACT. TRIP/SG D FEEDWATER											
FW 1FT-0540	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	J/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG B FLOW INDICATION & ALARM, REACT. TRIP/SG B FEEDWATER											
FW 1FT-0541	FLOW TRANSMITTER	F&P	10B2496 PBBABBB	X-2200	104253	G/31 560'-0''	T4 TURB	N/A		M-22, M-297	M203
FUNCTION/SERVICE:SG B FLOW INDICATION & ALARM, REACT. TRIP/SG B FEEDWATER											

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PLANT ID	COMPONENT/ EQUIPMENT	MODEL	PROCIURE	CECO	COL/ROW	CONTAIN	FLD	VENDOR	S&L	COMP		
SY NUMBER	MFR	NUMBER	SPEC	P.D. NO.	ELEVATN	IN	OUT	BUILD	LEV	DRAWING	DRAWING	NO
FW 1FI-FW02B	FLOW INDICATOR	WEST VX-252	X-2200		J/24 579'-0''	AB	AUX	N/A				M210
		FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A										
FW 1FI-FW03B	FLOW INDICATOR	WEST VX-252	X-2200		J/24 579'-0''	AB	AUX	N/A				M210
		FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B										
FW 1FI-FW04B	FLOW INDICATOR	WEST VX-252	X-2200		J/24 579'-0''	AB	AUX	N/A				M210
		FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C										
FW 1FI-FW25B	FLOW INDICATOR	WEST VX-252	X-2200		J/24 579'-0''	AB	AUX	N/A				M210
		FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D										
FW 1PI-0514B	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	H/24 579'-0''	AB	AUX	N/A			M-20	M210
		FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION/SG A STEAM										
FW 1PI-0524B	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	H/24 579'-0''	AB	AUX	N/A			M-20	M210
		FUNCTION/SERVICE:SG B STEAM PRESSURE INDICATION/SG B STEAM										
FW 1PI-0534B	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	H/24 579'-0''	AB	AUX	N/A			M-20	M210
		FUNCTION/SERVICE:SG C STEAM PRESSURE INDICATION/SG C STEAM										
FW 1PI-0544B	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	H/24 579'-0''	AB	AUX	N/A			M-20	M210
		FUNCTION/SERVICE:SG D STEAM PRESSURE INDICATION/SG D STEAM										
FW 1AP053	MOV HTRS-DIST. PNL-DIV 17	FISH-H B/M-C-458	X-2329	119387	P/21 579		A-B	AUX			22E-0-3064	Q033
		FUNCTION/SERVICE-										
FW 1AP054	MOV HTRS-DIST. PNL-DIV 18	FISH-H B/M-C-458	X-2329	119387	P/20 579		A-B	AUX			22E-0-3064	Q034
		FUNCTION/SERVICE-										
FW 1LP58	REMOTE SHTDN PANEL DIV 18	FISH-H	X-2329				A-B	AUX			22E-0-3063	T014
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES										
FW 1LP59	REMOTE SHUT. CON. STA. DV. 19	FISH-H	X-2329	119387	H/24 579		A-B	AUX			22E-0-3061	T015
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES										

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FW 1AB0190	REMOTE SHUT. CON. STA. BOP	FISH-H	X-2329	119387	H/24	A-8	AUX		22E-0-3061	T016
FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS PUMPL AND VALVES										
1A 1AB0227	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- INSTR AIR ISOL VLV 1FCV-1A01A										
1A 1AB0228	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- INSTR AIR ISOL VLV 1FCV-1A01B										
1P 1AB0191	JUNCTION BOX	FISH-H EM17150	X-2329	119387	H/23	A-9	AUX		22E-0-3069	
FUNCTION/SERVICE-										
1P 1AB0191	JUNCTION BOX	FISH-H EM17150	X-2329	119387	H/24	A-9	AUX		22E-0-3069	
FUNCTION/SERVICE-										
1P 1AB0192	JUNCTION BOX	FISH-H EM17150	X-2329	119387	H/23	A-9	AUX		22E-0-3069	
FUNCTION/SERVICE-										
1P 1AB0193	JUNCTION BOX	FISH-H EM17150	X-2329	119387	H/23	A-9	AUX		22E-0-3068	
FUNCTION/SERVICE-										
1W 1AB0229	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- SEAL WATER ISOL VLV 1FCV-1W08										
1W 1AB0230	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- SEAL WATER ISOL VLV 1FCV-1W10										
1W 1AB0231	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- SEAL WATER ISOL VLV 1FCV-1W12										
1W 1AB0232	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- SEAL WATER ISOL VLV 1FCV-1W14										
1W 1AB0233	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
FUNCTION/SERVICE- SEAL WATER ISOL VLV 1FCV-1W16										

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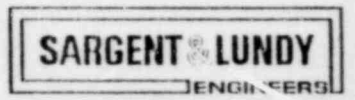


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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FID LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IW 1AB0234	JUNCTION BOX					R/23 574	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-	SEAL WATER ISOL VLV	1FCV-IW09					
IW 1AB0235	JUNCTION BOX					P/23 574	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-	SEAL WATER ISOL VLV	1FCV-IW11					
IW 1AB0236	JUNCTION BOX					P/23 574	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-	SEAL WATER ISOL VLV	1FCV-IW13					
IW 1AB0237	JUNCTION BOX					P/23 574	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-	SEAL WATER ISOL VLV	1FCV-IW15					
IW 1AB0238	JUNCTION BOX					R/23 574	A12 AUX			22E-1-3207	
				FUNCTION/SERVICE-	SEAL WATER ISOL VLV	1FCV-IW17					
IW 1FCV-IW08	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					
IW 1FCV-IW09	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					
IW 1FCV-IW10	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					
IW 1FCV-IW11	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					
IW 1FCV-IW12	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					
IW 1FCV-IW13	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					
IW 1FCV-IW14	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
				FUNCTION/SERVICE:	ACTUATES VALVE/FROM ISOL	SEAL WATER STORAGE TANK					

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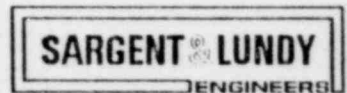


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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FID BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
1W	IFCV-1W15	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-39	B251
		FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL DEAL WATER STORAGE TANK										
MS	1MS016	HYD. UNIT FOR WEST 1HQV-MS001		05-10114 TBFC-SKB	X-2261	105591	Z/10 570'-0''	T3 TURB	N/A	DR-34757	M-20	C502
		FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR										
MS	1MS017	HYD. UNIT FOR WEST 1HQV-MS002		05-10114 TBFC-SKB	X-2261	105591	Z/10 570'-0''	T3 LSVR	N/A	DR-34757	M-20	C502
		FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR										
MS	1MS018	HYD. UNIT FOR WEST 1HQV-MS003		05-10114 TBFC-SKB	X-2261	105591	Z/16 570'-0''	T3 LSVR	N/A	DR-34757	M-20	C502
		FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR										
MS	1MS019	HYD. UNIT FOR WEST 1HQV-MS004		05-10114 TBFC-SKB	X-2261	105591	Z/16 570'-0''	T3 LSVR	N/A	DR-34757	M-20	C502
		FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE FIRST STAGE FROM STEAM GENERATOR										
MS	1MOV-MS017	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2288	109907	Z/10 598'-0''	T2 USVR	N/A	6-9V266-01	M-20	C503
		FUNCTION/SERVICE: ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP										
MS	1MOV-MS018	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2288	109907	Z/10 598'-0''	T2 USVR	N/A	6-9V266-01	M-20	C503
		FUNCTION/SERVICE: ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP										
MS	1MOV-MS019	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2288	109907	Z/16 598'-0''	T2 USVR	N/A	6-9V266-01	M-20	C503
		FUNCTION/SERVICE: ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP										
MS	1MOV-MS020	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2288	109907	Z/16 589'-0''	T2 USVR	N/A	6-9V266-01	M-20	C503
		FUNCTION/SERVICE: ACTUATES VALVE/RELIEF VALVE FOR ATMOSPHERIC DUMP										
MS	1AP053	MOV HTRS-DIST. PNL-DIV 17	FISH-H	B/M-C-458	X-2329	119387	P/21 579	A-8 AUX			22E-0-3064	Q033
		FUNCTION/SERVICE- POWER SUPPLY FOR MOV HTRS										
MS	1AP054	MOV HTRS-DIST. PNL-DIV 18	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q034
		FUNCTION/SERVICE- POWER SUPPLY FOR MS SYS MOV HTRS										
MS	1LP57	REMOTE SHTDN PANEL DIV 17	FISH-H		X-2329	119387	H/24 579	A-8 AUX			22E-0-3064	T013
		FUNCTION/SERVICE- CONT & INDIC FOR MS SYS PUMPS AND VALVES										

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
PP 1AB0551	JUNCTION BOX			B/M C410		N/20 592'	A-9 AUX			22E-0-3071	
				FUNCTION/SERVICE- PP AIR SUPPLY HDR							
				FUNCTION/SERVICE- PP AIR COMPRESSOR							
PP 1AB0552	JUNCTION BOX			B/M C410		N/20 592'	A-9 AUX			22E-0-3071	
				FUNCTION/SERVICE- PP AIR COMPRESSOR							
PP 0PP-001	COMP. MOTOR UNIT	WEST	TBLG	X-2235		P/20 592'-0''	A9 AUX	N/A		M-73-1	B571
				FUNCTION/SERVICE:PP							
				COMPRESSOR MOTOR UNIT							
PP 1PP-001	COMP. MOTOR UNIT	WEST	TBLG	X-2235		P/20 592'-0''	A9 AUX	N/A		M-73-1	B571
				FUNCTION/SERVICE:PP							
				COMPRESSOR MOTOR UNIT							
PP 0PSL-PP01A	PRESSURE SWITCH	UNITED	5302-358	X-2242		P/20 592'-0''	A9 AUX	N/A			M601
				ELECT.							
				FUNCTION/SERVICE:FILTER							
				DRYER DISCH. HEADER/COMPRESSOR							
				CONTROL							
PP 0PSL-PP01B	PRESSURE SWITCH	UNITED	5302-358	X-2242		P/20 592'-0''	A9 AUX	N/A			M601
				ELECT.							
				FUNCTION/SERVICE:FILTER							
				DRYER DISCH. HEADER/COMPRESSOR							
				CONTROL							
PP 1PSL-PP22	PRESSURE SWITCH	UNITED	5302-358	X-2242		P/20 592'-0''	A9 AUX	N/A			M601
				ELECT.							
				FUNCTION/SERVICE:FILTER							
				DRYER DISCH. HEADER/COMPRESSOR							
				CONTROL							
PP 1PT-PP16	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/21 592'-0''	A9 AUX	N/A		M-73,M-291	M602
				FUNCTION/SERVICE:PP							
				ZONE 1 AIR LINE							
PP 1PT-PP17	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/21 592'-0''	A9 AUX	N/A		M-73,M-291	M602
				FUNCTION/SERVICE:PP							
				ZONE 2 AIR LINE							
PP 1PT-PP18	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/21 592'-0''	A9 AUX	N/A		M-73,M-291	M602
				FUNCTION/SERVICE:PP							
				ZONE 3 AIR LINE							
PP 1PT-PP19	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/21 592'-0''	A9 AUX	N/A		M-73,M-291	M602
				FUNCTION/SERVICE:PP							
				ZONE 4 AIR LINE							

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PLANT ID NUMBER	COMPONENT/ EQUIPMENT	COMPONENT/ EQUIPMENT ID SHEET	PROCURE SPEC P.O. NO.	CECO P.D. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD GUIDE I/F	VENOR DRAWING	S&L DRAWING	COMP NO
RC 1AEO348	JUNCTION BOX				P/23	A12	AUX		22E-1-3207	
		FUNCTION/SERVICE -	PRESS RELIEF IK SPRAY LINE CONTAINER ISOL VLV 1A0V RC8029							
RC 1AEO349	JUNCTION BOX				R/23	A12	AUX		22E-1-3207	
		FUNCTION/SERVICE -	CONTROL PR1 N2 SUPPLY LINE CONTAINER ISOL VLV 1A0V RC8033							
RC 1AEO190	JUNCTION BOX		X-2329	119387	H/22	A-9	AUX		22E-0-3069	
		FUNCTION/SERVICE -	DEAD WEIGHT STATION (TEST)							
RC 1LI-460B	LEVEL INDICATOR		X-2200	138768	J/23	AB	AUX	N/A	M-53	M306
		FUNCTION/SERVICE: PRZR, LEVEL INDICATION/PRZR, LEVEL	579'-0"							
RC 1LI-459B	LEVEL INDICATOR		X-2200	110478	J/23	AB	AUX	N/A	M-53	M307
		FUNCTION/SERVICE: PRZR, LEVEL INDICATION/PRZR, LEVEL	579'-0"							
RC 1PI-0455B	PRESSURE INDICATOR		X-2200	110478	J/23	AB	AUX	N/A	M-53	M307
		FUNCTION/SERVICE: PRZR, PRESSURE INDICATION/PRZR, PRESSURE	579'-0"							
RC 1LP57	REMOTE SHDN PANEL DIV 17		X-2329	119387	H/24	A-B	AUX		22E-0-3061	T013
		FUNCTION/SERVICE -	CONT & INDIC FOR RC SYS PUMPS AND VALVES							
RC 1LP58	REMOTE SHDN PANEL DIV 18		X-2329			A-B	AUX		22E-0-3063	T014
		FUNCTION/SERVICE - CONTROL AND INDICATION FOR RC SYS PUMPS AND VALVES								
RH 1MOV-RH9000	VALVE MOTOR OPERATOR		G-676258	103251	R/23	A12	AUX	N/A	M-62	A254
		FUNCTION/SERVICE: ACTUATES VALVE/TO HOT LEG INJECTION FROM RH EXCHANGER	575'-0"							
RH 1APOS4	MOV HTRS- DIST. PNL-DIV 18		X-2329	119387	P/20	A-B	AUX		22E-0-3064	Q034
		FUNCTION/SERVICE -	POWER SUPPLY FOR RHR SYS MOV HTRS							
RV 1LP22	CONTAIN. VENT SYS. PANEL		X-2286		M/23	A-9	AUX	220-P-3036 SH. 1	22E-1-3206	
		FUNCTION/SERVICE - CONTAINMENT VENT SYSTEM CONTROLS	617'-0"							
RV 1RVO50	HYDRO. RECOM. BLOWER		X-2361		N/23	A-9	AUX	N/A	7W-83208	DO01
		FUNCTION/SERVICE:	617'-0"							

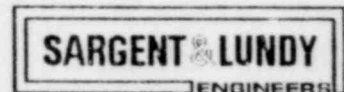


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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	RV 1RV020	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276		M/24 617'-0''	A9 AUX	N/A		M-536, M-382	FO02
				FUNCTION/SERVICE-CONTAINMENT/HYDROGEN CONTROL								
	RV 1RV021	HYDRO. PURGE FAN MOTOR	G	SPEC 36 MP/ FRAME 184T	X-2276		L/24 617'-0''	A9 AUX	N/A		M-536, M-382	FO02
				FUNCTION/SERVICE-CONTAINMENT/HYDROGEN CONTROL								
	RV 1AB0131	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 582	A12 AUX			22E-1-3207	X062
				FUNCTION/SERVICE-HEATING WATER ISOLATION VALVE 1FCV-RV113								
	RV 1AB0132	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 582	A12 AUX			22E-1-3207	X063
				FUNCTION/SERVICE-HEATING WATER ISOLATION VALVE 1FCV-RV111								
	RV 1AB0133	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 582	A12 AUX			22E-1-3207	X064
				FUNCTION/SERVICE-HEATING WATER ISOLATION VALVE 1FCV-RV114								
	RV 1AB0134	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 582	A12 AUX			22E-0-3092	X065
				FUNCTION/SERVICE-HEATING WATER ISOLATION VALVE 1FCV-RV112								
	RV 1AB0138	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 590	A12 AUX			22E-1-3207	X067
				FUNCTION/SERVICE-CONTAINMENT RELIEF ISOLATION VALVE 1ADV-RV006								
	RV 1AB0139	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/23 590	A12 AUX			22E-1-3207	X068
				FUNCTION/SERVICE-CONTAINMENT RELIEF ISOLATION VALVE 1ADV-RV005								
	SI 1MOV-S18809B	VALVE MOTOR OPERATOR	LIMIT	SMB-3-100	G-676258	091710	R/23 590'-6''	A9 AUX	N/A	88919	M-65	A004
				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH								
	SI 1MOV-S18809A	VALVE MOTOR OPERATOR	LIMIT	SMB-3-100	G-676258	091710	P/23 590'-6''	A9 AUX	N/A	88919	M-65	A004
				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH								
	SI 1MOV-S18801A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	R/23 578'-0''	A12 AUX	N/A	93-13106	M-64	A007
				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK								
	SI 1MOV-S18801B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	R/23 578'-0''	A12 AUX	N/A	93-13106	M-64	A007
				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK								

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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLO LLV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1MOV-S18802	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	P/23 569'-0''	A12 AUX	N/A	93-13106	M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP COLD LEG FROM SI PUMP												
SI	1MOV-S18803A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	R/23 590'-6''	A12 AUX	N/A	93-13106	M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO BORON INJ. TANK FROM CHARGING PUMPS												
SI	1MOV-S18803E	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	R/23 590'-0''	A12 AUX	N/A	93-13106	M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO BORON INJ. TANK FROM CHARGING PUMPS												
SI	1MOV-S19011A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	P/23 590'-0''	A12 AUX	N/A	93-13106	M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS												
SI	1MOV-S19011B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	P/23 590'-0''	A12 AUX	N/A	93-13106	M-64	A007
FUNCTION/SERVICE: ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS												
SI	1MOV-S18813	VALVE MOTOR OPERATOR	LIMIT	SMB-00-25	G-676258	091710	P/23 579'-0''	A12 AUX	N/A	137-116-1	M-64	A012
FUNCTION/SERVICE: ACTUATES VALVE/SI TEST LINE TO RWST												
SI	1MOV-S18814	VALVE MOTOR OPERATOR	LIMIT	SMB-00-25	G-676258	091710	P/23 579'-0''	A12 AUX	N/A	137-116-1	M-64	A012
FUNCTION/SERVICE: ACTUATES VALVE/SI TEST LINE TO RWST												
SI	1A053	MOV HTRS-DIST. PNL-DIV 17	FISH-H B/M-C-458	X-2329	119387	P/21 579	A-8 AUX				22E-0-3064	Q033
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS MOV HEATERS												
SI	1A054	MOV HTRS-DIST. PNL-DIV 18	FISH-H B/M-C-458	X-2329	119387	P/20 579	A-8 AUX				22E-0-3064	Q034
FUNCTION/SERVICE: PWR SUP FOR SAF INJ SYS MOV HEATERS												
SI	1AB0125	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX				22E-1-3207	X100
FUNCTION/SERVICE: BORON INJECTION TANK TEMP. BANK A HEATER POWER												
SI	1AB0126	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 598	A12 AUX				22E-1-3207	X101
FUNCTION/SERVICE: BORON INJECTION TANK TEMP. BANK B HEATER POWER												
SI	1AB0131	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	K/21 592	A-9 AUX				22E-1-3207	X102
FUNCTION/SERVICE: BORIC ACID TO CHARGING PU. HEADER FLOW												



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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	1AB0341	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 574	A12 AUX				22E-1-3207	X103
		FUNCTION/SERVICE-BORON INJECTION TANK TO BORIC ACID TANK VALVE 1A0V-S18870B										
SI	1AB0342	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 574	A12 AUX				22E-1-3207	X104
		FUNCTION/SERVICE-BORON INJECTION TANK TO BORIC ACID TANK VALVE 1A0V-S18870A										
SI	1AB0343	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	P/23 582	A12 AUX				22E-1-3207	X105
		FUNCTION/SERVICE-NITROGIN SUPPLY TO ACCUM. TANKS 1A0V-S18880										
SI	1AB0344	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 582	A12 AUX				22E-1-3207	X106
		FUNCTION/SERVICE-SI PUMP TEST LINE ISOLATION VALVE 1A0V-S18888										
SI	1AB0345	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23 590	A12 AUX				22E-1-3207	X107
		FUNCTION/SERVICE-BORIC ACID TRANS. PUMPS TO BORON INJECTION TANK ISOL. VALVE 1A0V-S18883										
SS	1AB0314	JUNCTION BOX				R/23 582	A12 AUX				22E-1-3207	
		FUNCTION/SERVICE-STEAM GENERATOR BLOWDOWN SAMPLE ISOLATION VLV 1FCV-SS06										
SS	1AB0315	JUNCTION BOX				P/23 582	A12 AUX				22E-1-3207	
		FUNCTION/SERVICE-PRESSURIZER STEAM SAMPLE ISOL VLV 1FCV-SS9354A										
		FUNCTION/SERVICE-REACTOR COOLANT HOT LEG SAMPLE ISOL VLV 1FCV-SS9356A										
		FUNCTION/SERVICE-PRESSURIZER LIQUID SAMPLE ISOL VLV 1FCV-SS9355A										
SS	1AB0316	JUNCTION BOX				P/23 582	A12 AUX				22E-1-3207	
		FUNCTION/SERVICE-PRESSURIZER STEAM SAMPLE ISOL VLV 1FCV-SS9354B										
		FUNCTION/SERVICE-REACTOR COOLANT HOT LEG SAMPLE ISOL VLV 1FCV-SS9355B										
		FUNCTION/SERVICE-PRESSURIZER LIQUID SAMPLE ISOL VLV 1FCV-SS9355B										
SS	1AB0326	JUNCTION BOX				P/23 582	A12 AUX				22E-1-3207	
		FUNCTION/SERVICE-ACCUMULATOR TANKS :AMPLE ISOL VLV 1FCV-SS9357A										
SS	1AB0327	JUNCTION BOX				P/23 582	A12 AUX				22E-1-3207	
		FUNCTION/SERVICE-ACCIMULATOR TANKS :AMPLE ISOL VLV 1FCV-SS9357B										
SW	1LP63	WASTE EVAP HEAT TRACING PNL		X-2329		K/28 617	A12 AUX				22E-0-3075	
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS										

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATH	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 1MOV-SW0100	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/23 579'-0"	AB AUX	N/A	13-10-31419	M-32-1	C753
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE ROOM FROM SW STRAINERS											
SW 1MOV-SW0115	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/23 579'-0"	AB AUX	N/A	13-10-31419	M-32-2	C753
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE ROOM FROM SW TRAINERS											
SW 1MOV-SW0101	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO MOTOR DRIVEN AUX FW PUMP											
SW 1MOV-SW0102	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/22 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO TURBINE DRIVEN AUX FW PUMP											
SW 1MOV-SW0103	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/TO MOTOR DRIVEN AUX FW PUMP											
SW 1MOV-SW0104	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/											
SW 1MOV-SW0105	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/											
SW 1MOV-SW0106	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/											
SW 1MOV-SW0107	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0"	AB AUX	N/A	037788-2	M-32-1	C754
FUNCTION/SERVICE: ACTUATES VALVE/											
SW 1PSL-SW13	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0"	AB AUX	N/A			M501
FUNCTION/SERVICE: SERVICE WATER PUMP 1A DISCHARGE HEADER/SERVICE WATER FLOW CONTROL											
SW 1PSL-SW14	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0"	AB AUX	N/A			M501
FUNCTION/SERVICE: SERVICE WATER PUMP 1B DISCHARGE HEADER/SERVICE WATER FLOW CONTROL											
SW 1PSL-SW15	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0"	AB AUX	N/A			M501
FUNCTION/SERVICE: SERVICE WATER PUMP 1C DISCHARGE HEADER/SERVICE WATER FLOW CONTROL											



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PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 1PT-SW107	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		G/23 579'-0''	A8	AUX	N/A		M-32, M-299	M502
FUNCTION/SERVICE: SERVICE WATER HEADER PRESSURE INDICATION & ALARM												
SW 1AP054	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 18	X-2329	119387		P/20 579	A8	AUX			22E-0-3064	Q034
FUNCTION/SERVICE-POWER SUPPLY SW SYS MOV HEATERS												
TV 1AB0443	JUNCTION BOX					G/11 592	A-9	AUX			22E-0-3070	
FUNCTION/SERVICE- TURB RLDG VENT STANDBY AIR COMPR 11V-151												
VC OLP10	WASTE GAS & RECOVERY PNL	WE		X-22005		K/15 592	A-9	AUX			22E-0-3070	
FUNCTION/SERVICE-												
VC 1K-1035	JUNCTION BOX		EB214			L/22 596	A-9	AUX			22E-1-3410	
FUNCTION/SERVICE- UPSTREAM LETDOWN HEAT EXCHANGE OUTLET 1FQY-VC22												
VC 1K-1022	JUNCTION BOX		EB214			L/22 597	A10	AUX			22E-1-3410	
FUNCTION/SERVICE- UPSTREAM RC PUMP SEAL WATER RETURN 1FQY-1C21												
VC 1VCO06	PUMP MOTOR UNIT	WEST	HSDP	677125		K/23 579'-0''	A14	AUX	N/A	209C402	M-55	B501
FUNCTION/SERVICE: ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 1A												
VC 1VCO07	PUMP MOTOR UNIT	WEST	HSDP	677125		K/25 579'-0''	A14	AUX	N/A	209C402	M-55	B501
FUNCTION/SERVICE: ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 1B												
VC 1VCO08	PUMP MOTOR UNIT	WEST	TRDP	677125		K/26 579'-0''	A14	AUX	N/A	209C402	M-55	B502
FUNCTION/SERVICE: ACTUATES PUMP/POSITIVE DISPLACEMENT PUMP 1C												
VC 1MOV-VC8110	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	L/23 585'-0''	A14	AUX	N/A	137-116-1	M-55	B503
FUNCTION/SERVICE: ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.												
VC 1MOV-VC8111	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	L/23 585'-0''	A14	AUX	N/A	137-116-1	M-55	B503
FUNCTION/SERVICE: ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.												
VC 1MOV-VC-LCV 112B	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/22 618'-0''	A9	AUX	N/A	93-13114	M-55	B504
FUNCTION/SERVICE: ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS												

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PLANT ID	COMPONENT/ EQUIPMENT	MODEL NUMBER	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 1MDV-VC-LCV 112C	VALVE MOTOR OPERATOR	LMTQ SMB-000	G-676258	103251	L/22 618'-0''	A9 AUX	N/A 93-13114	M-55	B504	FUNCTION/SERVICE: ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS
VC 1MDV-VC-LCV 112D	VALVE MOTOR OPERATOR	LMTQ SMB-000	G-676258	103251	M/23 618'-0''	A9 AUX	N/A 15-1028-3	M-55	B504	FUNCTION/SERVICE: ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS
VC 1MDV-VC-LCV 112E	VALVE MOTOR OPERATOR	LMTQ SMB-000	G-676258	103251	M/23 618'-0''	A9 AUX	N/A 15-1028-3	M-55	B504	FUNCTION/SERVICE: ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS
VC 1MDV-VCB105	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	091710	N/23 579'-0''	A12 AUX	N/A 88405-2	M-55	B509	FUNCTION/SERVICE: ACTUATES VALVE/FROM CHARGING PUMPS TO REGENERATIVE HEAT EXCH.
VC 1MDV-VCB106	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	091710	N/23 579'-0''	A12 AUX	N/A 88405-2	M-55	B509	FUNCTION/SERVICE: ACTUATES VALVE/FROM CHARGING PUMPS TO REGENERATIVE HEAT EXCH.
VC 1MDV-VCB100	VALVE MOTOR OPERATOR	LMTQ SMB-00	G-676258	103251	R/23 590'-0''	A12 AUX	N/A 93-13114	M-55	B510	FUNCTION/SERVICE: ACTUATES VALVE/FROM REACTOR COOLANT PUMP & SEAL TO SEAL WATER HEAT EXCHANGER
VC 1F1-121B	FLOW INDICATOR	WEST VX-252	X-2200	110478	J/24 579'-0''	AB AUX	N/A	22E-1-4303	N303	FUNCTION/SERVICE: CHARGING LINE FLOW INDICATION/CHARGING LINE
VC 1AP053	MOV HTRS- DELT. PNL-DIV	FISH-H B/M 17	G-458	X-2329	119387	P/21 579	A-B AUX	22E-0-3064	0033	FUNCTION/SERVICE: PWR SUP FOR VC SYS MOV HTRS
VC 11P57	REMOTE SHDN PANEL DIV 17	FISH-H	X-2329	119387	H/24 579	A-B AUX	22E-0-3061	T013	FUNCTION/SERVICE: CONT & INDIC FOR VC SYS PUMPS AND VALVES	
VC 11P58	REMOTE SHDN PANEL DIV 18	FISH-H	X-2329	119387	H/24 579	A-B AUX	22E-0-3063	T014	FUNCTION/SERVICE: CONTROL AND INDICATION FOR VC SYS PUMPS AND VALVES	
VC 11P59	REMOTE SHDN PANEL DIV 19	FISH-H	X-2329	119387	H/24 579	A-B AUX	22E-0-3061	T015	FUNCTION/SERVICE: CONT & INDIC FOR VC SYS PUMPS AND VALVES	
VC 11P60	REMOTE SHDN PANEL BOP	FISH-H	X-2329	119387	H/24 579	A-B AUX	22E-0-3061	T016	FUNCTION/SERVICE:	

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 1AB0110	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/18		A-9 AUX		22E-0-3069	X033
			FUNCTION/SERVICE-	BORIC ACID TANK OA HEATER							
VC 1AB0111	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	G/20		A-9 AUX		22E-0-3069	X034
			FUNCTION/SERVICE-	BORIC ACID TANK OB HEATER							
VC 1AB0050	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/22		A12 AUX		22E-0-3064	X037
			FUNCTION/SERVICE-	VOL CONT TANK LEVEL VLV 1LCV-112A							
			FUNCTION/SERVICE-	CONTROL LETDOWN FLOW DIVERTER 1A0V LCV112A							
VC 1AB0169	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21		A-9 AUX		22E-0-3078	X038
			FUNCTION/SERVICE-	BORIC ACID INJ VLVS 1FCV-VC110A & B							
VC 1AB0170	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21		A-9 AUX		22E-0-3078	X039
			FUNCTION/SERVICE-	PRIMARY WATER INJECTION TO BLENDER VLVS 1FCV-VC111A, 1A0V FCV111A							
VC 1AB0171	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	L/21		A-9 AUX		22E-0-3078	X040
			FUNCTION/SERVICE-	MAKEUP INJ TO VOLUME CONTROL TANK VLV 1FCV-111B, 1A0V-FCV111B							
VC 1AB0190	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/22		A-9 AUX		22E-0-3069	X041
			FUNCTION/SERVICE-	BORIC ACID TANK OB 1TIC-107							
			FUNCTION/SERVICE-	BORIC ACID BLENDER PIPE 1FT-110							
			FUNCTION/SERVICE-	RX COOLANT LETDOWN LINE 1TIC-129							
			FUNCTION/SERVICE-	BLENDING SYSTEM FLOW INDIC 1FIT-111							
			FUNCTION/SERVICE-	SEAL WATER FLOW INDIC 1FIT-157, 1FIT-161							
VC 1AB0191	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/21		A-9 AUX		22E-0-3069	X042
			FUNCTION/SERVICE-	BORIC ACID TO CHARGING PUMP FLOW 1ET-183							
			FUNCTION/SERVICE-	SEAL WATER FLOW 1FIT-156, 1FIT-160							
VC 1AB0192	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/20		A-9 AUX		22E-0-3069	X043
			FUNCTION/SERVICE-	BATCHING TANK OTIC-100							
			FUNCTION/SERVICE-	BORIC ACID TANK OA TEMP INDIC 1TIC-103							
			FUNCTION/SERVICE-	SEAL WATER FLOW INDIC 1FIT-159							
VC 1AB0193	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	H/23		A-9 AUX		22E-0-3068	X044
			FUNCTION/SERVICE-	SEAL WATER FLOW INDICATOR 1FIT-154							

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT TO SHEET		PROCURE SPEC	CECO P. D. NO.	COL ROW	CONSTAT	FCH BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		EQUIPMENT	MFR NUMBER								
VC	1AB0215	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23		A12 AUX		22E-1-3207	X045
			FUNCTION/SERVICE-	LETDOWN LINE CONTAINER ISOL VLV	1A0V-VCB152						
VC	1AB0216	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/23		A12 AUX		22E-1-3207	X046
			FUNCTION/SERVICE-	LETDOWN LINE CONTAINER ISOL VLV	1A0V-VCB153						
VC	1AB0218	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	R/21		A-9 AUX		22E-0-3071	X047
			FUNCTION/SERVICE-	DIVERTER TO BDM VLV	1A0V-VCB167						
VC	1AB0220	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/23		A10 AUX		22E-0-3071	X048
			FUNCTION/SERVICE-	LETDOWN FLOW DIVERTER VLV	1TCV-VC129						

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