

APPENDIX D.1

IDENTIFICATION SHEETS

UNIT 2 "NORMAL"

REVISION 0  
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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECB P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP	2CB095	ESS LOGIC TSI TRAIN CAB 2	HARLO		X-2305		H/11 642			A-1 AUX		22E-0-3091
												FUNCTION/SERVICE-
AP	2LP09	DIESEL GEN 2A CONTROL	POWERS		X-2246	105573	G/7 592			A-5 D.G.		22E-2-3202
												FUNCTION/SERVICE-
AP	2LP11	DIESEL GEN 2B CONTROL	POWERS		X-2246	105573	G/7 592			A-5 D.G.		22E-2-3202
												FUNCTION/SERVICE-
AP	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617			A-3 AUX		2EE-2-3203
												FUNCTION/SERVICE-
AP	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617			A-3 AUX		2EE-2-3203
												FUNCTION/SERVICE-
AP	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617			A-3 AUX		2EE-2-3203
												FUNCTION/SERVICE-
AP	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617			A-3 AUX		2EE-2-3203
												FUNCTION/SERVICE-
AP	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617			A-3 AUX		2EE-2-3203
												FUNCTION/SERVICE-
AP	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617			A-3 AUX		2EE-2-3203
												FUNCTION/SERVICE-
AP	2AB0235	JUNCTION BOX	BY MAN ENGINE				H/6 592			A-5 AUX		22E-2-3202
												CONT FOR DG 2B AT 4160V SWGR ESS BUS 249 (2AP008)
AP	2AB0237	JUNCTION BOX	BY MAN ENGINE				H/8 592			A-5 AUX		22E-2-3202
												CONT FOR DG 2A AT 4160V SWGR ESS BUS 248 (2AP007)
AP	2LP04	TRAVELLING SCREEN CONT	HARLO CORP.		X-2248		CC/105 594			P-1 CRTB		22E-0-3402
												FUNCTION/SERVICE-

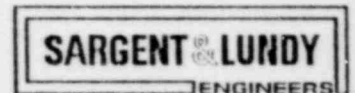


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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 2EI-AP48	ELECTRICAL INDICATOR	WEST	KA-241	X-2200		G/20 642'-0''	A1 AUX	N/A		22E-2-4000C	N901
					FUNCTION/SERVICE:							
					VOLTAGE INDICATOR/4KV SWGR							
*	AP 2EI-AP49	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							
*	AP 2SI-AP46	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							
					2A FREQUENCY							
*	AP 2SI-AP47	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							
					2A FREQUENCY							
*	AP 2APO06	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/09 617	A-3 AUX		33-45122-E-	22E 2-3203	Q004
					FUNCTION/SERVICE:							
					AUX POWER BUS 242 & 141							
*	AP 2APO07	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/07 617	A-3 AUX		33-45122-E-	22E 2-3203	Q005
					FUNCTION/SERVICE:							
					AUX POWER BUS 243 & 141							
*	AP 2APO08	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/06 617	A-3 AUX		33-45122-E-	22E 2-3203	Q006
					FUNCTION/SERVICE:							
					AUX POWER BUS 244 & 141							
*	AP 2APO13	480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/09 617	A-3 AUX		591F616 /	22E 2-3203	Q010
					FUNCTION/SERVICE:							
					POWER FEED TO ESS MCC'S 2371 & 2372							
*	AP 2APO14	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/07 617	A-3 AUX		591F616 /	22E 2-3203	Q011
					FUNCTION/SERVICE:							
					POWER FEED TO ESS MCC'S 2382, 2383 A&B, 2381 A&B							
*	AP 2APO15	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/06 617	A-3 AUX		591F616 /	22E 2-3203	Q012
					FUNCTION/SERVICE:							
					POWER FEED TO ESS MCC'S 2391, 2392, 2393A							
*	AP 2APO30	480V AUX BLDG ESS MCC 2371	GE	7700 LIME	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	0023
					FUNCTION/SERVICE:							
					POWER FEED FROM 480V SWGR ESS BUS 237							
*	AP 2APO31	480V AUX BLDG ESS MCC 2381	GE	7700 LIME	X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	0024
					FUNCTION/SERVICE:							
					POWER FEED FROM 480V SWGR ESS BUS 238							

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AP	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	0025	
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 239								
AP	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	0026	
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 238								
AP	2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A-7 AUX			22E-0-3059	0027	
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 239								
AP	2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	0028	
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 237								
AP	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	0029	
				FUNCTION/SERVICE-	POWER FEED FROM 480V SWGR ESS BUS 238								
AP	2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	0031	
				FUNCTION/SERVICE-	POWER FEED FROM 480V ESS MCC 2393C								
AP	2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A-7 AUX			22E-0-3059	0032	
				FUNCTION/SERVICE-	POWER FEED FROM 480V ESS MCC 2393A & MCC 2393B								
AP	2AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-45B 29		X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	0038	
				FUNCTION/SERVICE-	POWER FEED TO MOV HTRS								
AR	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	0025	
				FUNCTION/SERVICE-	POWER SUPPLY FOR AREA RADIATION MONITOR								
AR	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	0029	
				FUNCTION/SERVICE-	POWER SUPPLY FOR AREA RADIATION MONITOR								
AV	2AB0043	JUNCTION BOX					H/14 579	A-7 AUX			22E-0-3063		
				FUNCTION/SERVICE-	RECIPROCATING CHARGING PUMP 2C COOLER								
AV	2AB0044	JUNCTION BOX					M/19 579	A-7 AUX			22E-0-3054		
				FUNCTION/SERVICE-	RHR PUMP 2B COOLER								

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AV 2AB0048	JUNCTION BOX					H/16 579	A-7 AUX			22E-0-3063	
				FUNCTION/SERVICE-			CENTRIFUGAL CHARGING PUMP 2B COOLER				
AV 2AB0049	JUNCTION BOX					H/16 579	A-7 AUX			22E-0-3063	
				FUNCTION/SERVICE-							
AV 2AB0053	JUNCTION BOX					M/19 560	A-7 AUX			22E-0-3059	
				FUNCTION/SERVICE-			CONTMT SPRAY PUMP 2A COOLER				
AV 2AB0055	JUNCTION BOX					H/14 560	A-7 AUX			22E-0-3058	
				FUNCTION/SERVICE-			SAFETY INJECTION PUMP 2B COOLER				
AV 2AB0057	JUNCTION BOX					M/17 560	A-7 AUX			22E-0-3059	
				FUNCTION/SERVICE-			CONTMT SPRAY PUMP 2B COOLER				
AV 2AB0059	JUNCTION BOX					H/16 560	A-7 AUX			22E-0-3063	
				FUNCTION/SERVICE-			CENTRIFUGAL CHARGING PUMP 2B COOLER				
AV 2AB0090	JUNCTION BOX					L/19 542	A-7 AUX			22E-0-3054	
				FUNCTION/SERVICE-			RHR PUMP 2A COOLER				
AV 2AB0098	JUNCTION BOX					K/16 550	A-7 AUX			22E-0-3058	
				FUNCTION/SERVICE-			SAFETY INJECTION PUMP 2A COOLER				
AV 2AB0128	JUNCTION BOX					L/18 542	A-7 AUX			22E-0-3054	
				FUNCTION/SERVICE-			RHR PUMP 2A COOLER				
AV 2AB0129	JUNCTION BOX					M/19 579	A-7 AUX			22E-0-3063	
				FUNCTION/SERVICE-			RHR PUMP 2B COOLER				
AV 2AB0130	JUNCTION BOX					H/16 579	A-7 AUX			22E-0-3063	
				FUNCTION/SERVICE-			CENTRIFUGAL CHARGING PUMP 2A COOLER				
AV 2AB0131	JUNCTION BOX					H/14 579	A-7 AUX			22E-0-3063	
				FUNCTION/SERVICE-			RECIPROCATING CHARGING PUMP 2C COOLER				

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AV 2AP012	JUNCTION BOX					M/19 560		A-7 AUX		22E-0-3059	
	FUNCTION/SERVICE-			CONINT SPRAY PUMP		2A COOLER					
AV 2AP013	JUNCTION BOX					M/17 560		A-7 AUX		22E-0-3059	
	FUNCTION/SERVICE-			CONINT SPRAY PUMP		2B COOLER					
AV 2AP015	JUNCTION BOX					K/16 560		A-7 AUX		22E-0-3058	
	FUNCTION/SERVICE-			SAFETY INJECTION PUMP		2A COOLER					
AV 2AP016	JUNCTION BOX					E/14 560		A-7 AUX		22E-0-3058	
	FUNCTION/SERVICE-			SAFETY INJECTION PUMP		2B COOLER					
AV 2AP022	JUNCTION BOX					B/22 612		A-7 AUX		22E-0-3092	
	FUNCTION/SERVICE-										
AV 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/09 617		A-3 AUX	33-45122-E-	22E-2-3203	0004
	FUNCTION/SERVICE-			CONTROL INTERLOCK		FOR AUX BLDG VENT EXH FAN					
AV 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/07 617		A-3 AUX	33-45122-E-	22E-2-3203	0005
	FUNCTION/SERVICE-			CONTROL INTERLOCK		FOR AUX BLDG VENT EXH FAN					
AV 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/06 617		A-3 AUX	33-45122-E-	22E-2-3203	0006
	FUNCTION/SERVICE-			CONTROL INTERLOCK		FOR AUX BLDG VENT EXH FAN & SUPPLY FAN					
AV 2AP013	480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/09 617		A-3 AUX	591F616 /	22E-2-3203	Q010
	FUNCTION/SERVICE-			POWER SUPPLY FOR		AUX BLDG VENT EXH FAN OD					
AV 2AP014	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/07 617		A-3 AUX	591F616 /	22E-2-3203	Q011
	FUNCTION/SERVICE-			POWER SUPPLY FOR		AUX BLDG VENT EXH FAN OE					
AV 2AP015	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/06 617		A-3 AUX	591F616 /	22E-2-3203	Q012
	FUNCTION/SERVICE-			POWER SUPPLY FOR		AUX BLDG VENT SUPPLY FAN OC & EXH FAN OF					
AV 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617		A-3 AUX		22E-2-3203	0024
	FUNCTION/SERVICE-			POWER SUPPLY FOR		CHARCOAL ABSORBER BOOSTER FAN OC (OAVO24)					

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AV 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	0025
			FUNCTION/SERVICE-								
AV 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	0026
			FUNCTION/SERVICE-								
AV 2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A-7 AUX			22E-0-3059	0027
			FUNCTION/SERVICE-								
AV 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	0028
			FUNCTION/SERVICE-								
AV 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	0031
			FUNCTION/SERVICE-								
CC 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK- 350	X-2240	103443	G/07 617	A-3 AUX		33-45122-E-	22E-2-3203	
			FUNCTION/SERVICE-								
CC 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK- 350	X-2240	103443	G/06 617	A-3 AUX		33-45122-E-	22E-2-3203	
			FUNCTION/SERVICE-								
CC 2CB008	MCB-ESF DIV 27	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
CC 2CB009	MCB-ESF DIV 28	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
CC 2CB010	MCB-ESF DIV 29	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
CC 2CB012	MCB-EOP PORTION OF ESF	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
CC 2CB035	NSSS AUX RLY RACK	WE		X-22005	382557	K/12 642	A-1 AUX			22E-0-3091	
			FUNCTION/SERVICE-								

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									IN	OUT				
	CC 2CB074	NSSS ANNUN RLY INPUT CAB	WE			X-22005	382557	H/14		A-1	AUX		22E-0-3091	
	CC 2CB075	PROC I&C COMP INPUT PNL 1	WE			X-22005	382557	K/12 642		A-1	AUX		22E-0-3091	
	CC 2CB076	PROC I&C COMP INPUT PNL 2	WE			X-22005	382557	K/13 642		A-1	AUX		22E-0-3091	
	CC 2CB077	PROC I&C RACK CONT GR 1	WE			X-22005	382557	H/12 642		A-1	AUX		22E-0-3091	
	CC 2CB078	PROC I&C RACK CONT GR 2	WE			X-22005	382557	H/12 642		A-1	AUX		22E-0-3091	
	CC 2CB079	PROC I&C RACK CONT GR 3	WE			X-22005	382557	H/12 642		A-1	AUX		22E-0-3091	
	CC 2CB080	PROC I&C RACK CONT GR 4	WE			X-22005	382557	H/12 642		A-1	AUX		22E-0-3091	
	CC 2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO			X-2305		H/11 642		A-1	AUX		22E-0-3091	
	CC 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.			X-2305	123159	J/8 617		A-3	AUX		2EE-2-3203	
	CC 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.			X-2305	123159	H/7 617		A-3	AUX		2EE-2-3203	
	CC 2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.			X-2305	123159	H/7 617		A-3	AUX		2EE-2-3203	
	CC 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.			X-2305	123159	J/5 617		A-3	AUX		2EE-2-3203	

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CC	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	
		FUNCTION/SERVICE-		POWER SUPPLY FOR CC SYS VLV 2MOV-CC9412B								
CC	2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A-7 AUX			22E-0-3059	
		FUNCTION/SERVICE-		POWER SUPPLY FOR CC SYS VLVS 2MOV-CC9412A, -CC9415								
CC	2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	
		FUNCTION/SERVICE-		POWER SUPPLY FOR CC SYS VLVS 2MOV-CC9413A, 2FCV-CC685								
CC	2AP092	480V AUX BLDG ESS MCC 2393E	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	
		FUNCTION/SERVICE-		POWER SUPPLY FOR CC SYS 2LCV-CC112B, CC9414								
CC	2FT-688	FLOW TRANSMITTER	BARTON		X-2200	118630	M/19 560'-0''	A7 AUX	N/A		M-296	N401
		FUNCTION/SERVICE:		RHX 2B OUT FLOW INDICATION & ALARM/RHX 2B OUT								
CC	2FT-689	FLOW TRANSMITTER	BARTON		X-2200	118630	H/18 560'-0''	A7 AUX	N/A		M-297	N401
		FUNCTION/SERVICE:		RHX 2A OUT FLOW INDICATION & ALARM/RHX 2A OUT								
CC	2AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 29		X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q038
		FUNCTION/SERVICE-		POWER SUPPLY FOR CC SYS MOV HTRS								
CD	2LI-C094	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	2AB0009	JUNCTION BOX					N/19 542	A-7 AUX			22E-0-3054	
		FUNCTION/SERVICE-		AUX BLDG FLOOD DRAIN SUMP A PUMPS OA & OB HI LEVEL ANNUNCIATION								
CI	2AB0551	JUNCTION BOX					H/26 560	A-7 AUX			22E-0-3056	
		FUNCTION/SERVICE-		RX DRAIN TANK TO GAS ANALYZER ISOL VLVS 2MOV-DI9159A,B								
CI	2AB0241						G/16 630	A-4 AUX			22E-0-3084	
		FUNCTION/SERV.CE-		AIRCRAFT CRASH FIRE DETECTION SYS, S.W. AREA VENT FAN OCN								
CI	2AB0242						G/16 630	A-4 AUX			22E-0-3084	
		FUNCTION/SERVICE-		AIRCRAFT CRASH FIRE DETECTION SYS, S.W. AREA VENT FAN OCN								

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CI 2AB0335					J/7 592		A-5 AUX		22E-2-3202	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,DIESEL GENERATOR 2A AIR INTAKE									
CI 2AB0336					J/7 592		A-5 AUX		22E-2-3202	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,DIESEL GENERATOR 2A AIR INTAKE									
CI 2AB0361					J/7 592		A-5 AUX		22E-2-3202	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,DIESEL GENERATOR 2B AIR INTAKE									
CI 2AB0362					J/7 592		A-5 AUX		22E-2-3202	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,DIESEL GENERATOR 2B AIR INTAKE									
CI 2AB0464					J/8 592		A-2 AUX		22E-2-3202	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS 5TH BATTERY AIR INTAKE									
CI 2AB0465					J/8 592		A-2 AUX		22E-2-3202	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS 5TH BATTERY AIR INTAKE									
CI 2CB012	MCB-BOP PORTION OF ESF	WE	X-22005	382557	H/17 642		A-1 AUX		22E-0-3090	
	FUNCTION/SERVICE-									
CI 2CB013	MCB-PROCESS RAD.MON.CAB.	WE	X22005	382557	K/17 642		A-1 AUX		22E-0-3090	
	FUNCTION/SERVICE-									
	FUNCTION/SERVICE-									
CI 2CB038	DC DIST CONT. CAB. 212	FISH-H	X-2329	119387	G/10 642		A-1 AUX		22E-0-3091	
	FUNCTION/SERVICE-									
CI 2AB0274					K/17 642		A11 AUX		22E-0-3090	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,AUX BLDG VENT SUPPLY FAN OC,DIESEL GEN O,2A&2B ROOM VENT FAN,S.W.AREA VENT FAN OAN,OBNSOCN,SWITCHGEAR ROOM EL.671' VENT FAN									
CI 2AB0274					K/17 642		A11 AUX		22E-0-3090	
	FUNCTION/SERVICE-AIRCRAFT FIRE DETECTION SYS,AUX BLDG VENT SUPPLY FAN OC,DIESEL GEN O,2A&2B ROOM VENT FAN,S.W.AREA VENT FAN OAN,OBNSOCN,SWITCHGEAR ROOM EL.671' VENT FAN									

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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 BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI 2CB008	MCB-ESF DIV 27	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
CI 2CH0040	SPLICE BOX	FISH-H	EB215	X-2329	119387	BB/107 594	P-1 CRIB			22E-2-3147	
CI 2AP015	480V SWGR. BUS 239	WEST	TYPE DS	X-2257	103870	H/06 617	A-3 AUX		591F616/	22E-2-3203	0012
CI 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	0023
CI 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	0024
CI 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	0025
CI 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	0026
CI 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX		75C247958 2,44	22E-0-3053	0028
CI 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	0031
CI 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A-7 AUX			22E-0-3059	0032
CI 2CB009	MCB-ESF DIV 28	WE		X-22005	382557	H/17 642	A-1 AUX		E-12942 SH.8	22E-0-3090	S035

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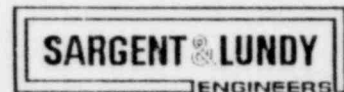
SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT		MODEL	PROCURE	CECO	COL/ROW	CONTAIN		FLD	VENDOR	S&L	COMP
			MFR	NUMBER	SPEC	P.O. NO.	ELEVATN	IN	OUT	BUILD	DRAWING	DRAWING	NO
*	CI 2CB011	MCB-ESF	HARLO		X-2291	109918	G/17		A-1	AUX	E-12942 SH.8	22E-0-3090	S037
*		CONT ISOL					642						
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
	CI 2LP24	ESS AUX RLY	HARLO		X-2305	123159	J/8		A-3	AUX	E 13064-SH01A	22E-2-3203	T007
*		CAB 27-1	CORP.				617						
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
	CI 2LP25	ESS AUX RLY	HARLO		X-2305	123159	H/8		A-3	AUX	E 13064-SH01D	22E-2-3203	T008
*		CAB 27-2	CORP.				617						
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
	CI 2LP26	ESS AUX RLY	HARLO		X-2305	123159	H/7		A-3	AUX	E 13064-SH01B	22E-2-3203	TOC9
*		CAB 28-1	CORP.				617						
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
	CI 2LP27	ESS AUX RLY	HARLO		X-2305	123159	H/7		A-3	AUX	E 13064-SH01E	22E-2-3203	TO10
*		CAB 28-2	CORP.				617						
*			FUNCTION/SERVICE-										
*			FUNCTION/SERVICE-										
	CI 2LP29	ESS AUX RLY	HARLO		X-2305	123159	H/5		A-3	AUX	E 13064-SH01F	22E-2-3203	TO12
*		CAB 29-2	CORP.				617						
*			FUNCTION/SERVICE-										
	CS 2CB008	MCB-ESF	WE		X-22005	382557	H/17		A-1	AUX		22E-0-3090	
*		DIV 27					642						
*			FUNCTION/SERVICE-										
*			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
*	CS 2CB009	MCB-ESF DIV 28	WE		X-2200S	382557	H/17 642		A-1 AUX		22E-0-3090	
*			FUNCTION/SERVICE-		CONT & INDIC FOR CS SYS PUMPS & VLVS							
*	CS 2CB010	MCB-ESF DIV 29	WE		X-2200S	382557	H/17 642		A-1 AUX		22E-0-3090	
*			FUNCTION/SERVICE-		CONT & INDIC FOR CS SYS VALVES							
*	CS 2CB012	MCB-BOP PORTION OF ESF	WE		X-2200S	382557	H/17 642		A-1 AUX		22E-0-3090	
*			FUNCTION/SERVICE-									
*	CS 2CB015	MCB AUTO CONTROL CAB.	WE		X-2316	113429	G/17 642		A-1 AUX		22E-0-3090	
*			FUNCTION/SERVICE-									
*	CS 2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/14		A-1 AUX		22E-0-3091	
*			FUNCTION/SERVICE-									
*	CS 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617		A-3 AUX		2EE-2-3203	
*			FUNCTION/SERVICE-									
*	CS 2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617		A-3 AUX		2EE-2-3203	
*			FUNCTION/SERVICE-									
*	CS 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617		A-3 AUX		2EE-2-3203	
*			FUNCTION/SERVICE-									
*	CS 2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617		A-3 AUX		2EE-2-3203	
*			FUNCTION/SERVICE-									
*	CS 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617		A-3 AUX		2EE-2-3203	
*			FUNCTION/SERVICE-									
*	CS 2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617		A-3 AUX		2EE-2-3203	
*			FUNCTION/SERVICE-									
*	CS 2K-2067	JUNCTION BOX		EB214E			M/17 560		A-7 AUX		22E-2-3408	
*			FUNCTION/SERVICE-		CONTMT SPRAY PUMP 2A INBD & OUT BD THERMOCOUPLES 2TE-CS01A,B							
*			FUNCTION/SERVICE-		EDUCTOR 2A SUCTION FLOW TRANSMITTER 2FT-CS01B							
*			FUNCTION/SERVICE-		EDUCTOR 2A WATER INLET FLOW CONT VLV 2FCV-CS01							
*			FUNCTION/SERVICE-		CONTMT SPRAY PUMP 2A DISCH FLOW TRANSMITTER 2FT-CS01A							

5506



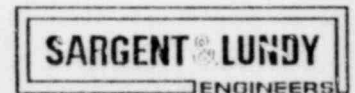


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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT		MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		MFR						IN	OUT				
	CS 2LP30	CONTMT SPRAY PMP 1C DIESEL	DRES-SER INDUS		X-2247	105582	N/19 560		A-7 AUX			22E-O-3059	
	CS 2MOV-CS002	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13 AUX	N/A 02-404-0008		M-44	
			FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.										
	CS 2MOV-CS003	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13 AUX	N/A 02-404-0008		M-44	
			FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.										
	CS 2MOV-CS004	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	P/18 569'-0''		A13 AUX	N/A 02-404-0008		M-44	
			FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.										
	CS 2MOV-CS005	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	P/18 569'-0''		A13 AUX	N/A 02-404-0008		M-44	
			FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.										
	CS 2MOV-CS006	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13 AUX	N/A 02-404-0008		M-44	
			FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.										
	CS 2MOV-CS007	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13 AUX	N/A 02-404-0008		M-44	
			FUNCTION/SERVICE:ACTUATES VALVE/CS PUMP DISCH.										
	CS 2K-2068	JUNCTION BOX		EB214E			M/17 560		A13 AUX			22E-2-3408	
			FUNCTION/SERVICE-		EDUCTOR 2A,2B,2C SPRAY ADDITIVE FLOW TRANSMITTES 2FT-CS06,7,8								
			FUNCTION/SERVICE-		CONTMT SPRY PMP 2A & 2B UNBD & OUTED THERMOCOUPLES 2TE-CS02A,B								
			FUNCTION/SERVICE-		EDUCTOR 2B SUCTION FLOW TRANSMITTER 2FT-CS02B								
			FUNCTION/SERVICE-		EDUCTOR 2B WATER INLET FLOW CONT VLV 2FCV-CS02								
			FUNCTION/SERVICE-		CONTMT SPRAY PUMP 2B DISCH FLOW TRANSMITTER 2FT-CS02A								
	CS 2K-2069	JUNCTION BOX		EB214E			P/17 560		A13 AUX			22E-2-3408	
			FUNCTION/SERVICE-		EDUCTOR 2C WATER INLET FLOW CONT VLV 2FCV-CS03								
			FUNCTION/SERVICE-		CONTMT SPRAY PUMP 2C DISCH FLOW TRANSMITTER 2FT-CS03A								
			FUNCTION/SERVICE-		EDUCTOR 2C SUCTION FLOW TRANSMITTER 2FT-CS03B								
	CS 2K-2068	JUNCTION BOX		EB214E			M/17 560		A13 AUX			22E-2-3408	
			FUNCTION/SERVICE-		EDUCTOR 2A,2B,2C SPRAY ADDITIVE FLOW TRANSMITTES 2FT-CS06,7,8								
			FUNCTION/SERVICE-		CONTMT SPRY PMP 2A & 2B UNBD & OUTED THERMOCOUPLES 2TE-CS02A,B								
			FUNCTION/SERVICE-		EDUCTOR 2B SUCTION FLOW TRANSMITTER 2FT-CS02B								
			FUNCTION/SERVICE-		EDUCTOR 2B WATER INLET FLOW CONT VLV 2FCV-CS02								
			FUNCTION/SERVICE-		CONTMT SPRAY PUMP 2B DISCH FLOW TRANSMITTER 2FT-CS02A								

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT		MODEL	PROCURE	CECO	COL/ROW	CONTAIN		FLD	VENDOR	S&L	COMP	
		EQUIPMENT	MFR	NUMBER	SPEC	P.O. NO.	ELEVATN	IN	OUT	BUILD	LEV	DRAWING	DRAWING	NO
CS	2K-2069	JUNCTION BOX		EB214B			P/17 560		A13	AUX			22E-2-3408	
				FUNCTION/SERVICE-	EDUCTOR 2C WATER									
				FUNCTION/SERVICE-	CONTMT SPRAY PUMP 2C									
				FUNCTION/SERVICE-	EDUCTOR 2C SUCTION FLOW TRANSMITTER 2FT-C503B									
CS	2MDV-CS002	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13	AUX	N/A	02-404-0008	M-44	
					FUNCTION/SERVICE:									
					ACTUATES VALVE/CS PUMP DISCH.									
CS	2MDV-CS003	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13	AUX	N/A	02-404-0008	M-44	
					FUNCTION/SERVICE:									
					ACTUATES VALVE/CS PUMP DISCH.									
CS	2MDV-CS004	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	P/18 569'-0''		A13	AUX	N/A	02-404-0008	M-44	
					FUNCTION/SERVICE:									
					ACTUATES VALVE/CS PUMP DISCH.									
CS	2MDV-CS005	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	P/18 569'-0''		A13	AUX	N/A	02-404-0008	M-44	
					FUNCTION/SERVICE:									
					ACTUATES VALVE/CS PUMP DISCH.									
CS	2MDV-CS006	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13	AUX	N/A	02-404-0008	M-44	
					FUNCTION/SERVICE:									
					ACTUATES VALVE/CS PUMP DISCH.									
CS	2MDV-CS007	VALVE MOTOR OPERATOR	LIMIT	SMB-00	X-2297	109913	N/18 569'-0''		A13	AUX	N/A	02-404-0008	M-44	
					FUNCTION/SERVICE:									
					ACTUATES VALVE/CS PUMP DISCH.									
CS	2CS001	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/18 560'-0''		A13	AUX	N/A	FC-45790	M-44	A751
					FUNCTION/SERVICE-									
					POWER UNIT FOR CS PUMP 2A									MP 2A
CS	2CS002	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/18 560'-0''		A13	AUX	N/A	FC-45790	M-44	A751
					FUNCTION/SERVICE-									
					POWER UNIT FOR CS PUMP 2B									MP 2B
CS	2CS001	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-S	MOTOR X-2200 PUMP X-2247	105582	N/18 560'-0''		A13	AUX	N/A	FC-45790	M-44	A751
					FUNCTION/SERVICE-									
					POWER UNIT FOR CS PUMP 2A									MP 2A



COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	COMPONENT/EQUIPMENT ID SHEET		PROCURE SPEC	CEG# P.O. NO.	COL/ROW ELEVATION	CONTAIN		FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
			MFR	MODEL NUMBER				IN	OUT				
CS	2CS002	CS PUMP MOTOR UNIT	WEST.	FRAME 5010-5	MOTOR X-2200 PUMP X-2247	105582	N/18 560'-0''	A13	AUX	N/A	FC-45790	M-44	A751
					FUNCTION/SERVICE-POWER UNIT FOR CS PUMP 2B			MP	2B				
CS	2CS003	CS PUMP DIESEL DRIVN	CUMMIN	VTA-1710-P700	X-2247	105582	N/18 560'-0''	A13	AUX	N/A	1707-D	M-44	A752
					FUNCTION/SERVICE-ACTUATES PUMP/CS PUMP 2C								
CS	2CS003	CS PUMP DIESEL DRIVN	CUMMIN	VTA-1710-P700	X-2247	105582	N/18 560'-0''	A13	AUX	N/A	1707-D	M-44	A752
					FUNCTION/SERVICE-ACTUATES PUMP/CS PUMP 2C								
CS	2MOV-CS008	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297	109913	M/17 567'-0''	A13	AUX	N/A	02-403-0001-3	M-44	A753
					FUNCTION/SERVICE-EDUCTOR 2A SUCTION FROM SPRAY ADDITIVE TANK/								
CS	2MOV-CS009	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297	109913	N/17 567'-0''	A13	AUX	N/A	02-403-0001-3	M-44	A753
					FUNCTION/SERVICE-EDUCTOR 2B SUCTION FROM SPRAY ADDITIVE TANK/								
CS	2MOV-CS010	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297	109913	N/17 567'-0''	A13	AUX	N/A	02-403-0001-3	M-44	A753
					FUNCTION/SERVICE-EDUCTOR 2C SUCTION FROM SPRAY ADDITIVE TANK/								
CS	2MOV-CS008	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297	109913	M/17 567'-0''	A13	AUX	N/A	02-403-0001-3	M-44	A753
					FUNCTION/SERVICE-EDUCTOR 2A SUCTION FROM SPRAY ADDITIVE TANK/								
CS	2MOV-CS009	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297	109913	N/17 567'-0''	A13	AUX	N/A	02-403-0001-3	M-44	A753
					FUNCTION/SERVICE-EDUCTOR 2B SUCTION FROM SPRAY ADDITIVE TANK/								
CS	2MOV-CS010	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297	109913	N/17 567'-0''	A13	AUX	N/A	02-403-0001-3	M-44	A753
					FUNCTION/SERVICE-EDUCTOR 2C SUCTION FROM SPRAY ADDITIVE TANK/								
CS	2MOV-CS049	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297		E/1 554'-0''	A11	AUX	N/A	02-408-0009-3	M-44	A754
					FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A								
CS	2MOV-CS050	VALVE MOTOR	LIMIT	SMB-000	X-2297		E/1	A11	AUX	N/A	02-408-0009-3	M-44	A754
					FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A								

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL		PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
			MFR	NUMBER				IN	OUT				
CS	2MOV-CS049	VALVE MOTOR OPERATOR	LIMIT	SMB-000	X-2297		L/1 554'-0''	A11	AUX	N/A	02-408-0009-3	M-44	A754
			FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A										
CS	2MOV-CS050	VALVE MOTOR	LIMIT	SMB-000	X-2297		M/1	A11	AUX	N/A	02-408-0009-3	M-44	A754
			FUNCTION/SERVICE-TO CS SYSTEM FROM RH EXCH. 2A										
CS	2FT-CS03A	FLOW TRANSMITTER		10E2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 2C DISCH.										
CS	2FT-CS03A	FLOW TRANSMITTER		10E2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 2C DISCH.										
CS	2FT-CS01A	FLOW TRANSMITTER	F&P	10E2496	X-2316		P/18 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 2A DISCH.										
CS	2FT-CS01B	FLOW TRANSMITTER		10E2496	X-2316		N/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 2A SUCTION FLOW										
CS	2FT-CS02A	FLOW TRANSMITTER		10E2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 2B DISCH.										
CS	2FT-CS02B	FLOW TRANSMITTER		10E2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 2B SUCTION FLOW										
CS	2FT-CS03B	FLOW TRANSMITTER		10E2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 2C SUCTION FLOW										
CS	2FT-CS01A	FLOW TRANSMITTER	F&P	10E2496	X-2316		P/18 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 2A DISCH.										
CS	2FT-CS01B	FLOW TRANSMITTER		10E2496	X-2316		N/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 2A SUCTION FLOW										
CS	2FT-CS02A	FLOW TRANSMITTER		10E2496	X-2316		P/17 560'-0''	A13	AUX	N/A		M-514, M-296	M001
			FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/CS PUMP 2B DISCH.										

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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 BUILT	LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CS 2FT-CS02B	FLOW TRANSMITTER		10B2496	X-2316		P/17 560'-0''	A13 AUX	N/A			M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 2B SUCTION FLOW												
CS 2FT-CS03B	FLOW TRANSMITTER		10B2496	X-2316		P/17 560'-0''	A13 AUX	N/A			M-514, M-296	MO01
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRC FLOW CONTROL/EDUCTOR 2C SUCTION FLOW												
CS 2PT-CS19	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 617'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 1												
CS 2PT-CS20	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 617'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 2												
CS 2PT-CS21	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 560'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 3												
CS 2PT-CS22	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 560'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 4												
CS 2PT-CS19	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 617'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 1												
CS 2PT-CS20	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 617'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 2												
CS 2PT-CS21	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 560'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 3												
CS 2PT-CS22	PRESSURE TRANSMITTER	F&P	50EP1971 BCXB-NS	X-2316		P/17 560'-0''	A13 AUX	N/A			M-514, M-288	MO02
FUNCTION/SERVICE-INITIATE SPRAY/CONTAINMENT PRESS. CH. 4												
CS 2FI-CS01A	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A1 AUX	N/A			M-44	MO04
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2A DISCH												
CS 2FI-CS01B	FLOW INDICATOR	WEST	VX-252	X-2200		H/17 642'-0''	A1 AUX	N/A			M-44	MO04
FUNCTION/SERVICE-CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2A DISCH												

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			MFR	MODEL NUMBER			PROCURE SPEC	P.O. NO.				
CS	2FI-CS02A	FLOW INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2B DISCH									
CS	2FI-CS02B	FLOW INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2B DISCH									
CS	2FI-CS03A	FLOW INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2C DISCH									
CS	2FI-CS03B	FLOW INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT SPRAY RECIRCULATION FLOW INDICATION/CS PUMP 2C DISCH									
CS	2PI-CS19	PRESSURE INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH.1									
CS	2PI-CS20	PRESSURE INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH.2									
CS	2PI-CS21	PRESSURE INDICATOR	WEST	VX-252	X-2200	H/17 642'-0''	A1	AUX	N/A		M-44	M004
			FUNCTION/SERVICE:CONTAINMENT PRESSURE INDICATION/CONTAINMENT PRESSURE CH.3									
CS	2FT-CS06	FLOW TRANSMITTER	F&P	10B2496	X-2316	M/17 560'-0''	A13	AUX	N/A		M-514,M-296	M004
			FUNCTION/SERVICE:SPRAY ADD. 2A FLOW INDICATION & ALARM/EDUCTOR 2A SPRAY ADDITIVE									
CS	2FI-CS07	FLOW TRANSMITTER	F&P	10B2496	X-2316	N/17 560'-0''	A13	AUX	N/A		M-514,M-296	M004
			FUNCTION/SERVICE:SPRAY ADD. 2B FLOW INDICATION & ALARM/EDUCTOR 2B SPRAY ADDITIVE									
CS	2FT-CS08	FLOW TRANSMITTER	F&P	10B2496	X-2316	P/17 560'-0''	A13	AUX	N/A		M-514,M-296	M004
			FUNCTION/SERVICE:SPRAY ADD. 2C FLOW INDICATION & ALARM/EDUCTOR 2C SPRAY ADDITIVE									
CS	2FT-CS06	FLOW TRANSMITTER	F&P	10B2496	X-2316	M/17 560'-0''	A13	AUX	N/A		M-514,M-296	M004
			FUNCTION/SERVICE:SPRAY ADD. 2A FLOW INDICATION & ALARM/EDUCTOR 2A SPRAY ADDITIVE									
CS	2FT-CS07	FLOW TRANSMITTER	F&P	10B2496	X-2316	N/17 560'-0''	A13	AUX	N/A		M-514,M-296	M004
			FUNCTION/SERVICE:SPRAY ADD. 2B FLOW INDICATION & ALARM/EDUCTOR 2B SPRAY ADDITIVE									

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CS 2FT-CS08	FLOW TRANSMITTER	F&P 10B2496	X-2316		P/17 560'-0''	A13 AUX	N/A		M-514, M-296	M004
			FUNCTION/SERVICE-	SPRAY ADD. 2C FLOW INDICATION & ALARM/EDUCTOR 2C SPRAY ADDITIVE						
CS 2AP006	4160V SWGR. ESS-BUS 247	ITE TYPE 5 HK-350	X-2240	103443	G/09 617	A-3 AUX		33-45122-E-	22E 2-3203	Q004
			FUNCTION/SERVICE-	POWER SUPPLY FOR CONTMT SPRAY PUMP 2A						
CS 2AP007	4160V SWGR. ESS-BUS 248	ITE TYPE 5 HK-350	X-2240	103443	G/07 617	A-3 AUX		33-45122-E-	22E 2-3203	Q005
			FUNCTION/SERVICE-	POWER SUPPLY FOR CONTMT SPRAY PUMP 2B						
CS 2AP030	480V AUX BLDG ESS MCC 2371	GE 7700 LINE	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	Q023
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS PUMP 2A CONTROL						
CS 2AP035	480V AUX BLDG ESS MCC 2383A	GE 7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	Q026
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLV 2MOV-CS0005, -CS0050						
CS 2AP046	480V AUX BLDG ESS MCC 2372	GE 7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	Q028
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS VLVS 2MOV-CS0008, -CS0002, -CS0003						
CS 2AP090	480V AUX BLDG ESS MCC 2381B	GE 7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	Q029
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS PUMP 2B CONTROL						
CS 2AP092	480V AUX BLDG ESS MCC 2393B	GE 7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	Q031
			FUNCTION/SERVICE-	CONTROL INTERLOCK FOR VLV 2MOV-CS0049						
CS 2AP093	480V AUX BLDG ESS MCC 2393C	GE 7700 LINE	X-2260	103869	N/19 560	A-7 AUX			22E-0-3059	Q032
			FUNCTION/SERVICE-	PWR SUPPLY FOR CS SYS VLVS 2MOV-CS0049, -CS0006, -CS0007, -CS0010						
CS 2AP055	MOV HTRS-DIST. PNL-DIV	FISH-H B/M-C-458-29	X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q038
			FUNCTION/SERVICE-	POWER SUPPLY FOR CS SYS MOV HTRS						
CV 2AB0274	JUNCTION BOX				K/17 642	A11 AUX			22E-0-3090	
			FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM						
			FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OBN, OCN, OAN						

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CV 2AB0274	JUNCTION BOX				K/17 642	A11 AUX			22E-0-3090	
		FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
		FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OBN, OCN, OAN							
CV 2CH0028	JUNCTION BOX	FISH-H EM47150	X-2329	119387	BB/103 594	P-1 CRIB			22E-2-3147	
		FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
		FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OBN							
		FUNCTION/SERVICE-	SERVICE WATER PUMP 2B PRES SW 2PSL-SW147							
CV 2CH0029	JUNCTION BOX	FISH-H EM47150	X-2329	119387	BB/103 594	P-1 CRIB			22E-2-3147	
		FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
		FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OCN							
		FUNCTION/SERVICE-	SERVICE WATER PUMP 2C & BOOSTER PUMP OA PRES SW 2PSL-SW148							
CV 2CH0030	JUNCTION BOX	FISH-H EM47150	X-2329	119387	CC/103 594	P-1 CRIB			22E-2-3147	
		FUNCTION/SERVICE-	STANDBY INSTR AIR COMPR OC0029							
CV 2AB0241	JUNCTION BOX				G/16 630	A-4 AUX			22E-0-3084	
		FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
		FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OBN							
		FUNCTION/SERVICE-	SERVICE WATER PUMP 2B PRES SW 2PSL-SW147							
CV 2AB0242	JUNCTION BOX				G/16 630	A-4 AUX			22E-0-3084	
		FUNCTION/SERVICE-	AIR CRAFT CRASH FIRE DETECTION SYSTEM							
		FUNCTION/SERVICE-	SOUTHWEST AREA VENT FAN OCN							
		FUNCTION/SERVICE-	SERVICE WATER PUMP 2C PRES SWITCH							
		FUNCTION/SERVICE-	BOOSTER PUMP 2A PRESSURE SWITCH 2PSL-SW148							
CV 2AP030	480V AUX BLDG ESS MCC 2371	GE 7700 LINE	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	0023
		FUNCTION/SERVICE-	POWER SUPPLY FOR SOUTHWEST AREA VENT FAN OAN OC0001							
DC 2CB006	MCB-REACTOR CONTROL	WE	X-22005	382557	G/18 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-								
DC 2CB007	MCB-C&VC SYS	WE	X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-								



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DC	2CB008	MCB-ESF DIV 27	WE		X-2200S	382557	H/17 642					A-1 AUX	22E-0-3090	
													FUNCTION/SERVICE-	
DC	2CB009	MCB-ESF DIV 28	WE		X-2200S	382557	H/17 642					A-1 AUX	22E-0-3090	
													FUNCTION/SERVICE-	
DC	2CB010	MCB-ESF DIV 29	WE		X-2200S	382557	H/17 642					A-1 AUX	22E-0-3090	
													FUNCTION/SERVICE-	
DC	2CB011	MCB- CONT 150L	HARLO		X-2291	109918	G/17 642					A-1 AUX	22E-0-3090	
													FUNCTION/SERVICE-	
DC	2CB050	ANNUN INPUT RLY LOGIC CAB	WE		X-2322		G/14 642					A-1 AUX	22E-0-3091	
													FUNCTION/SERVICE-	
DC	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO		X-2305		H/11 642					A-1 AUX	22E-0-3091	
													FUNCTION/SERVICE-	
DC	2CB096	SAFEGUARDS TEST CAB A	WE		X-2200S	382557	G/11 642					A-1 AUX	22E-0-3091	
													FUNCTION/SERVICE-	
DC	2CB097	SAFEGUARDS TEST CAB B	WE		X-2200S	382557	G/11 642					A-1 AUX	22E-0-3091	
													FUNCTION/SERVICE-	
DC	2LP09	DIESEL GEN 2A CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592					A-5 D.G.	22E-2-3202	
													FUNCTION/SERVICE-	
DC	2LP11	DIESEL GEN 2B CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592					A-5 D.G.	22E-2-3202	
													FUNCTION/SERVICE-	
DC	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617					A-3 AUX	2EE-2-3203	
													FUNCTION/SERVICE-	
DC	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617					A-3 AUX	2EE-2-3203	
													FUNCTION/SERVICE-	

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		MFR						IN	OUT				
DC	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617		A-3 AUX			2EE-2-3203	
DC	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617		A-3 AUX			2EE-2-3203	
DC	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617		A-3 AUX			2EE-2-3203	
DC	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617		A-3 AUX			2EE-2-3203	
DC	2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/09 617		A-3 AUX		33-45122-E-	22E 2-3203	Q004
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL POWER SUPPLY								
DC	2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/07 617		A-3 AUX		33-45122-E-	22E 2-3203	Q005
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL POWER SUPPLY								
DC	2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/06 617		A-3 AUX		33-45122-E-	22E 2-3203	Q006
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL POWER SUPPLY								
DC	2AP013	480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/09 617		A-3 AUX		591F616 /	22E 2-3203	Q010
				FUNCTION/SERVICE-	125V DC MAIN & RESERVE CONTROL POWER SUPPLY								
DC	2AP014	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/07 617		A-3 AUX		591F616 /	22E 2-3203	Q011
				FUNCTION/SERVICE-	125 V DC MAIN & RESERVE CONTROL POWER SUPPLY								
DC	2AP015	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/06 617		A-3 AUX		591F616 /	22E 2-3203	Q012
				FUNCTION/SERVICE-	125 V DC MAIN & RESERVE CONTROL POWER SUPPLY								
DG	2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542		A-7 AUX			22E-0-3053	
				FUNCTION/SERVICE-	PWR SUPPLY FOR DG 0 PRELUBE OIL PMP & LUBE OIL HTR ( ODG006)								
DG	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617		A-3 AUX			22E-2-3203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR DG 0 START AIR COMPR OE,W (ODG006)								

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DG 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	
			FUNCTION/SERVICE-	POWER SUPPLY FOR DG 2A START AIR COMPR 2AE.W & HTR (2DG004)							
DG 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	
			FUNCTION/SERVICE-	PWR SUPPLY FOR DG 2B START AIR COMPR'S 2DG005,6							
			FUNCTION/SERVICE-	PWR SUPPLY FOR DG 2B OIL PUMP,AND LUBE OIL HTR 2DG005							
DG 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	
			FUNCTION/SERVICE-	PWR SUPPLY FOR DG 2A PRELUBE OIL PUMP 2DG004							
DG 2CB032	ESF SAF ACT LOGIC A	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
			FUNCTION/SERVICE-								
DG 2CB033	ESF SAF ACT LOGIC B	WE		X-22005	382557	H/13 642	A-1 AUX			22E-0-3091	
			FUNCTION/SERVICE-								
DG 2LP09	DIESEL GEN 2A CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A-5 D.G.			22E-2-3202	
			FUNCTION/SERVICE-								
DG 2LP10	DG 2A DIESEL START-UP	COOPER BESSEMER		X-2246	105573	H/7 592	A-5 AUX	G5-262-728-S01		22E-2-3202	
			FUNCTION/SERVICE-	CONT & INDIC FOR DG SYS AIR COMPR'S & HTR							
DG 2LP11	DIESEL GEN 2B CONTROL	COOPER BESSEMER		X-2246	105573	G/7 592	A-5 D.G.			22E-2-3202	
			FUNCTION/SERVICE-								
DG 2LP12	DG 2B DIESEL START-UP	COOPER BESSEMER		X-2246	105573	H/7 592	A-5 AUX	G5-262-728-S01		22E-2-3202	
			FUNCTION/SERVICE-	CONT & INDIC FOR DG SYS AIR COMPR'S ,HEATERS AND PUMPS							
DG 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A-3 AUX			2EE-2-3203	
			FUNCTION/SERVICE-								
DG 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A-3 AUX			2EE-2-3203	
			FUNCTION/SERVICE-								

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DG	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A-3 AUX			2EE-2-3203	
DG	2LP55	DIESEL GEN 2A NEUT CRD CAB	COOPER BESSEMER		X-2246	105573	G/7 592	A-5 D.G.			22E-2-3202	
DG	2LP56	DIESEL GEN 2B NEUT CRD CAB	COOPER BESEMER		X-2246	105573	G/7 592	A-5 D.G.			22E-2-3202	
DG	2AB0235	JUNCTION BOX	BY MAN ENGINE				H/6 592	A-5 AUX			22E-2-3202	
												DIESEL GENERATOR 2B SPEED & VOLTAGE CONTROL
DG	2AB0237	JUNCTION BOX	BY MAN ENGINE				H/8 592	A-5 AUX			22E-2-3202	
												DIESEL GENERATOR 2A SPEED & VOLTAGE CONTROL
DG	2AB0281	JUNCTION BOX					H/8 592	A-5 AUX			22E-2-3202	
												DIESEL GENERATOR 2A CONTROL
DG	2AB0286	JUNCTION BOX					H/6 592	A-5 AUX			22E-2-3202	
												DIESEL GENERATOR 2B CONTROL
DG	2AB0389	SPLICE BOX					H/31 592	A-5 AUX			22E-1-3202	
												DIESEL GENERATOR O CONTROL
DG	2AB0390	SPLICE BOX					H/31 592	A-5 AUX			22E-1-3202	
												DIESEL GENERATOR O CONTROL
DG	2AB0391	JUNCTION BOX	GRAN CAL	JB CA6			J/30 592	A-5 AUX			22E-1-3202	
												DIESEL GENERATOR O LUBE OIL HTR
DG	2AB0392	JUNCTION BOX	GRAN CAL	JBCA6			J/30 592	A-5 AUX			22E-1-3202	
												DIESEL GENERATOR O PRELUBE OIL HTR
DG	2AB0393	JUNCTION BOX	HAT-FIELD	EDS-52			H/32 592	A-5 AUX			22E-1-3202	
												DIESEL GENERATOR O PRELUBE OIL HTR & LUBE OIL HTR

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PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
DG 2AB046G	JUNCTION BOX				H/7 592	A-5 AUX			22E-2-3202	
		FUNCTION/SERVICE - DIESEL GENERATOR 2A LUBE OIL HEATER								
DG 2DG001	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/8 592'-0''	A5 AUX	N/A		D021
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR								
DG 2DG002	OIL PUMP MOTOR UNIT	WEST	TYPE CJ5B	X-2246		H/6 592'-0''	A5 AUX	N/A		D021
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GENERATOR LUBE OIL PUMP MOTOR								
DG 2DG001	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/8 592'-0''	A5 AUX	N/A		D022
		FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR								
DG 2DG002	COMPRESSOR MOTOR UNIT	LOUIS ALLIS	TYPE CJ5B	X-2246		H/6 592'-0''	A5 AUX	N/A		D022
		FUNCTION/SERVICE: ACTUATES COMPRESSOR/DIESEL GENERATOR COMPRESSOR								
DG 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK- 350	X-2240	103443	G/09 617	A-3 AUX	33-45122-E-	22E 2-3203	Q004
		FUNCTION/SERVICE - CONTROL INTERLOCK DG 0 LUBE OIL HTR								
DG 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK- 350	X-2240	103443	G/07 617	A-3 AUX	33-45122-E-	22E 2-3203	Q005
		FUNCTION/SERVICE - CONTROL INTERLOCK DG 2A LUBE OIL HTR								
DG 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK- 350	X-2240	103443	G/06 617	A-3 AUX	33-45122-E-233	22E-2-3203	Q006
		FUNCTION/SERVICE - CONTROL INTERLOCK DG 2B LUBE OIL HTR								
DD 2D0003	PUMP MOTOR UNIT 2AE	WEST	TBFC	X-2335	124315	H/7 568'-0''	A5 AUX	N/A	143T-E	M-38 D011
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK								
DD 2D0004	PUMP MOTOR UNIT 2AW	WEST	TBFC	X-2335	124315	H/7 568'-0''	A5 AUX	N/A	143T-E	M-38 D011
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK								
DD 2D0005	PUMP MOTOR UNIT 2BE	WEST	TBFC	X-2335	124315	H/6 568'-0''	A5 AUX	N/A	143T-E	M-38 D011
		FUNCTION/SERVICE: ACTUATES PUMP/DIESEL GEN. OIL TRANSFER PUMP TO DAY TANK								
DD 2D0006	PUMP MOTOR UNIT 2BW	WEST	TBFC	X-2335	124315	H/6 568'-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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COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	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
DD 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	Q023
			FUNCTION/SERVICE-	POWER SUPPLY FOR DG 0 OIL TRANSFER PUMP ODD003							
DD 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	Q024
			FUNCTION/SERVICE-	POWER SUPPLY FOR DG 2A OIL TRNSFR PUMPS 2DD003,4							
DD 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	Q025
			FUNCTION/SERVICE-	POWER SUPPLY FOR DG 2B OIL TRNSFR PUMPS 2DG005,6							
DD 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	Q028
			FUNCTION/SERVICE-	POWER SUPPLY FOR DIESEL OIL TRNSFR PUMP ODD016							
ES 2PI-ES14	PRESSURE INDICATOR	WEST	VX-252	X-2291		G/19 642'-0''	A1 AUX	N/A		M-504	N803
			FUNCTION/SERVICE:	CONDENSER 2B PRESSURE INDICATION/CONDENSER 2B PRESSURE							
ES 2PR-ES01	RECORDER	HAGAN	100	X-2291		G/19 642'-0''	A1 AUX	N/A		M-504	N804
			FUNCTION/SERVICE:	CONDENSER 2B PRESSURE RECORDING/CONDENSER 2B PRESSURE							
FW 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-								
FW 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE-								
FW 2K-2067	JUNCTION BOX		EE214E			M/17 560	A-7 AUX			22E-2-3408	
			FUNCTION/SERVICE-								
FW 21B0074	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	F/17	T-1 TB			22E-2-3111	
			FUNCTION/SERVICE								
FW 21B0092	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	G/11 617	T-1 TB			22E-2-3124	
			FUNCTION/SERVICE-								
FW 21B0093	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	G/13 617	T-1 TB			22E-2-3124	
			FUNCTION/SERVICE-								

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		COMPONENT/ EQUIPMENT	MFR MODEL NUMBER								
FW	2TB0084	JUNCTION BOX	FISH-H EM47150	X-2329	119387	G/13 617	T-1 TB			22E-2-3124	
			FUNCTION/SERVICE-								
FW	2TB0184	JUNCTION BOX	FISH-H EM47150	X-2329	119387	F/11 592	T-1 TB			22E-2-3114	
			FUNCTION/SERVICE-								
FW	2AP090	480V AUX BLDG ESS MCC 2381B	GE 7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	
			FUNCTION/SERVICE-								
FW	2CB008	MCB-ESF DIV 27	WE	X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
FW	2CB009	MCB-ESF DIV 28	WE	X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
FW	2CB010	MCB-ESF DIV 29	WE	X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
FW	2CB011	MCB- CONT ISOL	HARLO	X-2291	109918	G/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
FW	2CB012	MCB-BOP PORTION OF ESF	WE	X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
FW	2CB015	MCB AUTO CONTROL CAB.	WE	X-2316	113429	G/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-								
FW	2CB026	PROC. I&C RACK PROT. SET 1	WE	X-22005	382557	G/12 642	A-1 AUX			22E-0-3091	
			FUNCTION/SERVICE-								
FW	2CB027	PROC. I&C RACK PROT. SET 2	WE	X-22005	382557	G/13 642	A-1 AUX			22E-0-3091	
			FUNCTION/SERVICE-								
FW	2CB028	PROC. I&C RACK PROT. SET 3	WE	X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
			FUNCTION/SERVICE-								

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FW 2CB029	PROC I&C RACK PROT SET 4	WE		X-22005	382557	K/13 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB030	RS PROT LOGIC A	WE		X-22005	382557	H/12 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB031	RS PROT LOGIC B	WE		X-22005	382557	H/13 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB032	FSE SAF ACT LOGIC A	WE		X-22005	382557	H/12 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB033	FSE SAF ACT LOGIC B	WE		X-22005	382557	H/13 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB035	NSSS AUX RLY RACK	WE		X-22005	382557	K/12 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB050	ANNUN INPUT RLY LOGIC CAB	WE		X-2322		G/14 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/14		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB075	PROC I&C COMP INPUT PNL 1	WE		X-22005	382557	K/12 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB076	PROC I&C COMP INPUT PNL 2	WE		X-22005	382557	K/13 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-
FW 2CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/12 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS RCP 2A
FW 2CB078	PROC I&C RACK CONT GR 2	WE		X-22005	382557	H/12 642		A-1 AUX		22E-0-3091	
											FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS RCP 2C

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	FLO BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
FW 2CB079	PROC I&C RACK WE CONT GR 3			X-22005	382557	H/12 642		A-1 AUX		22E-0-3091	
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS RCP 2B										
FW 2CB080	PROC I&C RACK WE CONT GR 4			X-22005	382557	H/12 642		A-1 AUX		22E-0-3091	
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS RCP 2B										
FW 2CB087	INSTR DIST BUS 211	FISH-H		X-2329	119387	K/13 642		A-1 AUX		22E-0-3091	
	FUNCTION/SERVICE-										
FW 2CB089	INSTR DIST BUS 212	FISH-H		X-2329	119387	K/13 642		A-1 AUX		22E-0-3091	
	FUNCTION/SERVICE-										
FW 2CB095	ESS LOGIC 1ST TRAIN CAB 2	HARLO		X-2305		H/11 642		A-1 AUX		22E-0-3091	
	FUNCTION/SERVICE-										
FW 2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617		A-3 AUX		2EE-2-3203	
	FUNCTION/SERVICE-										
FW 2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617		A-3 AUX		2EE-2-3203	
	FUNCTION/SERVICE-										
FW 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617		A-3 AUX		2EE-2-3203	
	FUNCTION/SERVICE-										
FW 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560		A-7 AUX		22E-0-3058	
	FUNCTION/SERVICE-										
FW 2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560		A-7 AUX		22E-0-3059	
	FUNCTION/SERVICE-										
FW 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542		A-7 AUX		22E-0-3053	
	FUNCTION/SERVICE-										
FW 2FW001	PUMP MOTOR UNIT	WEST	CS-F S/N: 15-77	X-2205		E/18 617'-0''	T1 TURB	N/A		M-502	B753
	FUNCTION/SERVICE: ACTUATES PUMP/MAIN FW PUMP 2A										

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FW	2FW002	OIL PUMP MOTOR UNIT	WEST		X-2205		F/17 617'-0''	T1	TURB	N/A	M-502	B754
FUNCTION/SERVICE:ACTUATES PUMP/MAIN FW PUMP 2B OIL UNIT												
FW	2FW003	OIL PUMP MOTOR UNIT	WEST		X-2205		E/17 617'-0''	T1	TURB	N/A	M-502	B754
FUNCTION/SERVICE:ACTUATES PUMP/MAIN FW PUMP 2C OIL UNIT												
FW	2FT-FW02	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13	AUX	N/A	M-502,M-296	M206
FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION & ALARM/AUX FW TO SG A												
FW	2FT-FW04	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13	AUX	N/A	M-502,M-296	M206
FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION & ALARM/AUX FW TO SG C												
FW	2FT-FW25	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13	AUX	N/A	M-502,M-296	M206
FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION & ALARM/AUX FW TO SG D												
FW	2FT-FW02	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13	AUX	N/A	M-502,M-296	M206
FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION & ALARM/AUX FW TO SG A												
FW	2FT-FW04	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13	AUX	N/A	M-502,M-296	M206
FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION & ALARM/AUX FW TO SG C												
FW	2FT-FW25	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/19 560'-0''	A13	AUX	N/A	M-502,M-296	M206
FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION & ALARM/AUX FW TO SG D												
FW	2FT-FW03	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/20 560'-0''	A13	AUX	N/A	M-502,M-291	M207
FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION & ALARM/AUX FW TO SG B												
FW	2FT-FW03	FLOW TRANSMITTER	F&P	10B2495	X-2316		P/20 560'-0''	A13	AUX	N/A	M-502,M-291	M207
FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION & ALARM/AUX FW TO SG B												
FW	2FI-FW02	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A1	AUX	N/A		M209
FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A												
FW	2FI-FW03	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A1	AUX	N/A		M209
FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B												



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FW 2FI-FW04	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A1	AUX	N/A		M209
				FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C							
FW 2FI-FW25	FLOW INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A1	AUX	N/A		M209
				FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D							
FW 2FI-C510A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-502	M209
				FUNCTION/SERVICE:SG A FW FLOW INDICATION/SG A FEEDWATER							
FW 2FI-0511	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-502	M209
				FUNCTION/SERVICE:SG A FW FLOW INDICATION/SG A FEEDWATER							
FW 2FI-0512	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-500	M209
				FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION/SG LOOP A STEAM							
FW 2FI-0513	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-500	M209
				FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION/SG LOOP A STEAM							
FW 2FI-0520A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-502	M209
				FUNCTION/SERVICE:SG C FW FLOW INDICATION/SG C FEEDWATER							
FW 2FI-0521	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-502	M209
				FUNCTION/SERVICE:SG C FW FLOW INDICATION/SG C FEEDWATER							
FW 2FI-0522	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-500	M209
				FUNCTION/SERVICE:SG LOOP C STEAM FLOW INDICATION/SG LOOP C STEAM							
FW 2FI-0523	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-500	M209
				FUNCTION/SERVICE:SG LOOP C STEAM FLOW INDICATION/SG LOOP C STEAM							
FW 2FI-0530A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-502	M209
				FUNCTION/SERVICE:SG D FW FLOW INDICATION/SG D FEEDWATER							
FW 2FI-0531	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A	M-502	M209
				FUNCTION/SERVICE:SG D FW FLOW INDICATION/SG D FEEDWATER							

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FW 2FI-0532	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-500	M209
FW 2FI-0533	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-500	M209
FW 2FI-0540A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2FI-0541	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2FI-0542	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-500	M209
FW 2FI-0543	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-500	M209
FW 2LI-0517	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2LI-0518	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2LI-0519	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2LI-0527	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2LI-0528	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209
FW 2LI-0529	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-502	M209

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FW 2LI-0537	LEVEL INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL									
FW 2LI-0538	LEVEL INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL									
FW 2LI-0539	LEVEL INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: SG LOOP D LEVEL INDICATION/SG LOOP D LEVEL									
FW 2LI-0547	LEVEL INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL									
FW 2LI-0548	LEVEL INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL									
FW 2LI-0549	LEVEL INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION/SG LOOP B LEVEL									
FW 2PI-FW18	PRESSURE INDICATOR	WEST VX-252	X-2291		6/18 642'-0"	A1 AUX	N/A	N/A	M-502	M-502	M209
		FUNCTION/SERVICE: FW PUMP DISCH. PRESSURE INDICATION/FW PUMP DISCH. PRESSURE									
FW 2PI-0514A	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-500	M-500	M209
		FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM									
FW 2PI-0514A	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-500	M-500	M209
		FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM									
FW 2PI-0515	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-500	M-500	M209
		FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM									
FW 2PI-0516A	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-500	M-500	M209
		FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION/SG A STEAM									
FW 2PI-0524A	PRESSURE INDICATOR	WEST VX-252	X-2200	110478	6/18 642'-0"	A1 AUX	N/A	N/A	M-500	M-500	M209
		FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM									

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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
FW 2PI-0525	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM												
FW 2PI-0526A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM												
FW 2PI-0534A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM												
FW 2PI-0535	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM												
FW 2PI-0536A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM												
FW 2PI-0544A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM												
FW 2PI-0545	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM												
FW 2PI-0546A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M-500	M209
FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM												
FW 2PT-FW18	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2311		A/20 617'-0''	T1 TURB					M211
FUNCTION/SERVICE: FW PUMP DISCHARGE PRESSURE INDICATION/FW PUMP DISCHARGE PRESSURE												
FW 2APO07	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK- 350	X-2240	103443	G/07 617	A-3 AUX			33-45122-E-	22E 2-3203	0005
FUNCTION/SERVICE-												
FW 2APO08	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK- 350	X-2240	103443	G/06 617	A-3 AUX			33-45122-E-	22E 2-3203	0006
FUNCTION/SERVICE-												
FW 2APO55	MOV HTRS- DIST. PNL-DIV	FISH-H	B/M-C-458 29	X-2329	119387	P/20 560	A-7 AUX				22E-0-3059	0038
FUNCTION/SERVICE-												

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			MODEL NUMBER	PROCURE SPEC						
1A	2CB0095	ESS LOGIC 1ST HARLO TRAIN CAB 2	HARLO CORP.	X-2305	H/11 642	A-1 AUX			22E-0-3091	
1A	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.	X-2305	J/3 617	A-3 AUX	E 13064-SH01A		22E-2-3203	T007
1A	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.	X-2305	H/7 617	A-3 AUX	E 13064-SH01E		22E-2-3203	T010
1P	2CB006	MCB-REACTOR CONTROL	WE	X-22005	G/18 642	A-1 AUX			22E-0-3090	
1P	2CB007	MCB-C8VC SYS	WE	X-22005	H/17 642	A-1 AUX			22E-0-3090	
1P	2CB008	MCB-ESF DIV 27	WE	X-22005	H/17 642	A-1 AUX			22E-0-3090	
1P	2CB009	MCB-ESF DIV 28	WE	X-22005	H/17 642	A-1 AUX			22E-0-3090	
1P	2CB010	MCB-ESF DIV 29	WE	X-22005	H/17 642	A-1 AUX			22E-0-3090	
1P	2CB012	MCB-EOP PORTION OF ESF	WE	X-22005	H/17 642	A-1 AUX			22E-0-3090	
1P	2CB030	RX PROT LOGIC A	WE	X-22005	H/12 642	A-1 AUX			22E-0-3091	
1P	2CB032	ESF SAF ACT LOGIC A	WE	X-22005	H/12 642	A-1 AUX			22E-0-3091	
1P	2CB033	ESF SAF ACT LOGIC B	WE	X-22005	H/13 642	A-1 AUX			22E-0-3091	



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IP	2CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	K/12 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB087	INSTR DIST BUS 211	FISH-H		X-2329	119387	K/13 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB089	INSTR DIST BUS 212	FISH-H		X-2329	119387	K/13 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB091	INSTR DIST BUS 213	FISH-H		X-2329	119387	K/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2CB093	INSTR DIST BUS 214	FISH-H		X-2329	119387	K/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-							
IP	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617		A-3 AUX		22E-2-3203	0023
					FUNCTION/SERVICE- POWER SUPPLY FOR INST DIST BUS 211; TRANSFORMER; INVERTER							
IP	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617		A-3 AUX		22E-2-3203	0025
					FUNCTION/SERVICE- POWER SUPPLY FOR INST DIST BUS 213; TRANSFORMER; INVERTER							
IW	2AB0014	PULL BOX					N/19 542		A-7 AUX		22E-0-3054	
					FUNCTION/SERVICE- SEAL WATER ISOL VLV 2FCV-IW08							
IW	2CB009	MCB-ESF DIV 28	WE		X-2200S	382557	H/17 642		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/RDW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
IW	2CBO11	MCB- CONT ISOL	HARLO		X-2291	109918	G/17 642	A-1 AUX			22E-0-3090	
			FUNCTION/SERVICE-									
IW	2PSL-IW05	PRESSURE SWITCH	UNITED	J302-358	X-2242		L/17 560'-0''	A7 AUX	N/A		M-512,M297	N501
			FUNCTION/SERVICE: ISVW TK PRESSURE ALARM/IVSW TK NITROGEN PRESSURIZATION									
IW	2CB008	MCB-ESF DIV 27	WE		X-2200S	382557	H/17 642	A-1 AUX		E-12942 SH.8	22E-0-3090	5034
			FUNCTION/SERVICE- CONTROL AND INDICATION FOR CONTAINMENT ISOLATION VALVES									
IW	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A-3 AUX		E13064-SHO1D	22E-2-3203	T008
			FUNCTION/SERVICE-									
IW	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A-3 AUX		E13064-SHO1B	22E-2-3203	T009
			FUNCTION/SERVICE-									
MS	2K-2039	JUNCTION BOX		EG214F			F/8 609	T-1 TURB			22E-2-3401	
			FUNCTION/SERVICE- SIGNAL DUMP CONTROL									
MS	2TB0091	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	F/10 617	T-1 TB			22E-2-3124	
			FUNCTION/SERVICE- STEAM DUMP CONTROL VLVS 2PCV-MS21A A-H,J-M									
MS	2TB0092	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	F/10 617	T-1 TB			22E-2-3124	
			FUNCTION/SERVICE- STEAM DUMP CONTROL VLVS 2PCV-MS21A A-H,J-M									
MS	2APO35	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	
			FUNCTION/SERVICE- POWER SUPPLY FOR MS SYS VLVS 2MOV-MS0170, -MS0018									
MS	2APO36	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A-7 AUX			22E-0-3059	
			FUNCTION/SERVICE- POWER SUPPLY FOR MS SYS VLVS 2MOV-0171, -MS0172									
MS	2APO46	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	
			FUNCTION/SERVICE- POWER SUPPLY FOR MS SYS VLV 2MOV-MS0173									
MS	2AB0452	JUNCTION BOX					H/16 630	A-4 AUX			22E-0-3084	
			FUNCTION/SERVICE- MAIN STM LINE ISOL VLVS, LOOPS A,B,C,D									

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MS	2AB0453	JUNCTION BOX					H/16 630	A-4	AUX		22E-0-3084	
		FUNCTION/SERVICE-										
MS	2AB0461	JUNCTION BOX					H/16 630	A-4	AUX		22E-0-3084	
		FUNCTION/SERVICE-										
MS	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617	A-3	AUX		22E-2-3203	
		FUNCTION/SERVICE-										
MS	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3	AUX		22E-2-3203	
		FUNCTION/SERVICE-										
MS	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3	AUX		22E-2-3203	
		FUNCTION/SERVICE-										
MS	2CB006	MCB-REACTOR CONTROL	WE		X-2200S	382557	G/18 642	A-1	AUX		22E-0-3090	
		FUNCTION/SERVICE-										
MS	2CB008	MCB-ESF DIV 27	WE		X-2200S	382557	H/17 642	A-1	AUX		22E-0-3090	
		FUNCTION/SERVICE-										
MS	2CB009	MCB-ESF DIV 28	WE		X-2200S	382557	H/17 642	A-1	AUX		22E-0-3090	
		FUNCTION/SERVICE-										
MS	2CB010	MCB-ESF DIV 29	WE		X-2200S	382557	H/17 642	A-1	AUX		22E-0-3090	
		FUNCTION/SERVICE-										
MS	2CB030	RX PROT LOGIC A	WE		X-2200S	382557	H/12 642	A-1	AUX		22E-0-3091	
		FUNCTION/SERVICE-										
MS	2CB032	ESF SAF ACT LOGIC A	WE		X-2200S	382557	H/12 642	A-1	AUX		22E-0-3091	
		FUNCTION/SERVICE-										
MS	2CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/13 642	A-1	AUX		22E-0-3091	
		FUNCTION/SERVICE-										

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MS	2CB035	NS55 AUX RLY RACK	WE		X-22005	382557	K/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB074	NS55 ANNUN RLY INPUT CAB	WE		X-22005	382557	H/14	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB075	PROC I&C COMP INPUT PNL 1	WE		X-22005	382557	K/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB076	PROC I&C COMP INPUT PNL 2	WE		X-22005	382557	K/13 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB078	PROC I&C RACK CONT GR 2	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB079	PROC I&C RACK CONT GR 3	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB080	PROC I&C RACK CONT GR 4	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB091	INSUR DIST BUS 213	FISH-H		X-2329	119387	E/14 643	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB093	INSUR DIST BUS 214	FISH-H		X-2329	119387	E/14 643	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO		X-2365		H/11 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
MS	2CB096	SAFEGUARDS TEST CAB A	WE		X-22005	382557	G/11 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID S. FT				OCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
		COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	FT								
MS	2CB097	SAFEGUARDS TEST CAB B	WE		X-2200S	382557	G/11 642		A-1 AUX		22E-O-3091		
					FUNCTION/SERVICE-								
MS	2AP055	MOV HTRS-DIST. PNL-DIV	FISH-H B/M-C-458 29		X-2329	119387	P/20 560		A-7 AUX		22E-O-3059	Q03B	
					FUNCTION/SERVICE- POWER SUPPLY FOR MS SYS MOV HTRS								
NR	2NI-0031B	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: SOURCE RANGE INDICATION/SOURCE RANGE COUNT RATE								
NR	2NI-0031D	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: SOURCE RANGE STARTUP INDICATION/SOURCE RANGE STARTUP RATE								
NR	2NI-0032B	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: SOURCE RANGE INDICATION/SOURCE RANGE COUNT RATE								
NR	2NI-0032D	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: SOURCE RANGE STARTUP ON/SOURCE RANGE STARTUP RATE								
NR	2NI-0035B	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE CURRENT								
NR	2NI-0035D	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE STARTUP RATE								
NR	2NI-0036B	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE CURRENT								
NR	2NI-0036D	NEUTRON INDICATOR	WEST VX-252		X-2200	110478	G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE STARTUP RATE								
NR	2NI-0041B	ELECTRICAL INDICATOR	WEST VX-252		X-2200		G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: POWER RANGE FLUX INDICATION								
NR	2NI-0042B	ELECTRICAL INDICATOR	WEST VX-252		X-2200		G/18 642'-0''		A1 AUX	N/A		N205	
					FUNCTION/SERVICE: POWER RANGE FLUX INDICATION								

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NR 2NI-0043B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/18 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE: POWER RANGE FLUX INDICATION											
NR 2NI-0044B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/18 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE: POWER RANGE FLUX INDICATION											
NR 2NI-0041C	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/18 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE INDICATION											
NR 2NI-0042C	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/18 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE INDICATION											
NR 2NI-0043B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/18 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE INDICATION											
NR 2NI-0044B	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/18 642'-0''	A1 AUX	N/A			N205
FUNCTION/SERVICE: POWER RANGE FLUX CHANGE ION											
OV 2ABO203	JUNCTION BOX					H/14 617	A-4 AUX			22E-0-3077	
FUNCTION/SERVICE- COMP & MISC RM HVAC REFRIG UNIT OB: PRES CONT & HTR -0V006, S V OSV-0V06A,B,C											
OV 2AP015	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/06 617	A-3 AUX	591F616 /		22E-2-3203	0012
FUNCTION/SERVICE- POWER SUPPLY FOR COMP & MISC HVAC REFRIG OB											
PP 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	
FUNCTION/SERVICE- POWER SUPPLY FOR PP SYS AIR COMPR 2PPO01											
PP 2CB008	MCB-ESF DIV 27	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
FUNCTION/SERVICE-											
PP 2CB009	MCB-ESF DIV 28	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
FUNCTION/SERVICE- CONT & INDIC FOR PP SYS AIR COMPR											
PP 2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/14	A-1 AUX			22E-0-3091	
FUNCTION/SERVICE- CONT & INDIC FOR PP SYS AIR COMPR											



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PR 2AP035		480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560		A-7 AUX		22E-0-3058	
												FUNCTION/SERVICE-POWER SUPPLY FOR GAS DECAY TANK VENT RAD DETECT. OPRO00 & RHR HX. 2B CUB. RAD. DETECTOR OPRO09R
PR 2AP046		480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542		A-7 AUX		22E-0-3053	
												FUNCTION/SERVICE-POWER SUPPLY FOR CONTAIN. AREA SAMPLING PUMP 2PRO01 & CENT. CHARG. PUMP 2B CUB. RADIATION DETECTOR 2PRO11
PR 2AP092		480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560		A-7 AUX		22E-0-3059	
												FUNCTION/SERVICE-POWER SUPPLY FOR CONTAIN. LEAK RAD. DETECT. 2PRO16
PR 2AP093		480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560		A-7 AUX		22E-0-3059	
												FUNCTION/SERVICE-POWER SUPPLY FOR PR SYS RAD. DETECT. OPRO06.010 & 012
PR 2AP030		480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617		A-3 AUX		22E-2-3203	
												FUNCTION/SERVICE-POWER SUPPLY FOR MISC. VENT STACK EFFLUENT RAD DETECT. OPRO32
FR 2AP031		480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617		A-3 AUX		22E-2-3203	
												FUNCTION/SERVICE-POWER SUPPLY FOR CONTROL ROOM AIR INTAKE DETECT. OPRO18
PR 2AP033		480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617		A-3 AUX		22E-2-3203	
												FUNCTION/SERVICE-POWER SUPPLY FOR CONT. ROOM INTAKE FROM TURB. DETECT. OPRO31 & AUX BLDG EXH SYS. DETECTOR OPRO28
PR 2AP090		480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617		A-3 AUX		22E-2-3203	
												FUNCTION/SERVICE-POWER SUPPLY FOR CONTAIN. PURGE SYS RAD DETECT. 2PRO15
PR 2CB008		MCB-ESF DIV 27	WE		X-22005	382557	H/17 642		A-1 AUX		22E-0-3090	
												FUNCTION/SERVICE-
PR 2CB009		MCB-ESF DIV 28	WE		X-22005	382557	H/17 642		A-1 AUX		22E-0-3090	
												FUNCTION/SERVICE-
PR 2CB011		MCB- CONT ISOL	HARLO		X-2291	109918	G/17 642		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		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
								IN	OUT				
PR	2CB013	MCB-PROCESS RAD. MON. CAB.	WE		X22005	382557	K/17 642		A-1	AUX		22E-0-3090	
			FUNCTION/SERVICE-										
PR	21P25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617		A-3	AUX		22E-2-3203	
			FUNCTION/SERVICE-										
PR	21P26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617		A-3	AUX		22E-2-3203	
			FUNCTION/SERVICE-										
PR	21P27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617		A-3	AUX		22E-2-3203	
			FUNCTION/SERVICE-										
PR	2RR-PR14	MULTIPOINT RECORDER	HONEY- WELL	UNIVERSAL	X-2333		J/17 642'-0''		A1	AUX	N/A	M-549	M404
			FUNCTION/SERVICE: RECORDING/PASSIVE FAIL. AIR PARTICULATE MONITOR										
PR	2RR-PR16	RECORDER	HONEY- WELL	15	X-2333		J/17 642'-0''		A1	AUX	N/A	M-549	M405
			FUNCTION/SERVICE: RECORDING/CONTAINMENT PURGE STACK EFFLUENT AIR PARTICULATE MONITOR										
PR	2RR-PR17	RECORDER	HONEY- WELL	15	X-2333		J/17 642'-0''		A1	AUX	N/A	M-549	M405
			FUNCTION/SERVICE: RECORDING/CONTAINMENT PURGE & GAS DECAY TANK VENT: STACK EFFLUENT GAS										
PV	2AB0204	JUNCTION BOX					H/14 617		A-4	AUX		22E-0-3077	
			FUNCTION/SERVICE- CONT RM HVAC COMPR OB VLV OSV-PV08A,B,C										
			FUNCTION/SERVICE- COMPRESSOR OB OIL HEATER										
			FUNCTION/SERVICE- COMPR OB REFRIGERANT PRES CONTROLLER										
			FUNCTION/SERVICE- COMPR OB OIL PRES CONTROLLER										
PV	2AB0234	JUNCTION BOX					H/12 617		A-4	AUX		22E-0-3077	
			FUNCTION/SERVICE- CONT RM & COMP RM STANDBY INSTR AIR COMPR										
RC	2CB006	MCB-REACTOR CONTROL	WE		X-22005	382557	G/18 642		A-1	AUX		22E-0-3090	
			FUNCTION/SERVICE-										
RC	2CB007	MCB-C&VC SYS	WE		X-22005	382557	H/17 642		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	FLD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO
RC	2CB012	MCB-BOP PORTION OF ESF	WE		X-2200S	382557	H/17 642	A-1 AUX			22E-0-3090	
											FUNCTION/SERVICE-	
RC	2CB023	NUCLEAR INSTR CAB. CH. 2	WE		X-2200S	382557	K/19 642	A-1 AUX			22E-0-3090	
											FUNCTION/SERVICE-	
RC	2CB024	NUCLEAR INSTR CAB. CH. 3	WE		X-2200S	382557	K/19 642	A-1 AUX			22E-0-3090	
											FUNCTION/SERVICE-	
RC	2CB025	NUCLEAR INSTR CAB. CH. 4	WE		X-2200S	382557	K/19 642	A-1 AUX			22E-0-3090	
											FUNCTION/SERVICE-	
RC	2CB026	PROC. I&C RACK PROT. SET 1	WE		X-2200S	382557	G/12 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB027	PROC. I&C RACK PROT. SET 2	WE		X-2200S	382557	G/13 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB028	PROC. I&C RACK PROT. SET 3	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB029	PROC. I&C RACK PROT. SET 4	WE		X-2200S	382557	K/13 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB030	RX PROT LOGIC A	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB031	REACTOR PROT. LOGIC B	WE		X-2200S	328557	H/13 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB032	ESF SAF ACT LOGIC A	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	
RC	2CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/13 642	A-1 AUX			22E-0-3091	
											FUNCTION/SERVICE-	

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*	RC 2CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	K/12 642	A-1 AUX			22E-0-3091	
*	RC 2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/14	A-1 AUX			22E-0-3091	
*	RC 2CB075	PROC I&C COMP INPUT PNL 1	WE		X-2200S	382557	K/12 642	A-1 AUX			22E-0-3091	
*	RC 2CB076	PROC I&C COMP INPUT PNL 2	WE		X-2200S	382557	K/13 642	A-1 AUX			22E-0-3091	
*	RC 2CB077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
*	RC 2CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
*	RC 2CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
*	RC 2CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
*	RC 2AB0220	JUNCTION BOX					K/14 630	A-4 AUX			22E-0-3100	
*	RC 2AB0221	JUNCTION BOX					K/12 630	A-4 AUX			22E-0-3100	
*	RC 2AB0551	JUNCTION BOX					H/26 560	A-7 AUX			22E-0-3056	
*	RC 2FI-414	FLOW INDICATOR	WEST	VX-250	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305

FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP A

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CLCD P. D. NO.	COL/ROW ELEVATION	CONTAIN IN	OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
	RC 2FI-415	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP A								
	RC 2FI-416	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP A FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP A								
	RC 2FI-424	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP C FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP C								
	RC 2FI-425	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP C FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP C								
	RC 2FI-426	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP C FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP C								
	RC 2FI-434	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP D FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP D								
	RC 2FI-435	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP D FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP D								
	RC 2FI-436	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP D FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP D								
	RC 2FI-444	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP B FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP B								
	RC 2FI-445	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP B FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP B								
	RC 2FI-446	FLOW INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
					FUNCTION/SERVICE: RC LOOP B FLOW INDICATION & ALARM , REACTOR TRIP/RC FLOW LOOP B								
	RC 2LI-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								

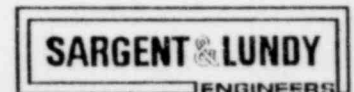




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* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CJL/ROW ELEVATN	CONTAIN IN	OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	RC 2LI-460A	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1	AUX	N/A		M-53	M305
	RC 2LI-461	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/22 642'-0''	A1	AUX	N/A		M-53	M305
	RC 2PI-0455A	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-516	M305
	RC 2PI-0456	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-53	M305
	RC 2PI-0457	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-53	M305
	RC 2PI-0458	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A		M-53	M305
	RC 2TI-0411A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
	RC 2TI-0411B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
	RC 2TI-0411C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
	RC 2TI-0421A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
	RC 2TI-0421B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305
	RC 2TI-0421C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1	AUX	N/A			M305

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RC 211-0431A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D DELTA T							
RC 211-0431B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D OVER PWR DT							
RC 211-0431C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP D OVER TEMP DT							
RC 211-0441A	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B DELTA T							
RC 211-0441B	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B OVER PWR DT							
RC 211-0441C	TEMPERATURE INDICATOR	WEST	VX-252	X-2200	110478	G/18 642'-0''	A1 AUX	N/A			M305
				FUNCTION/SERVICE: LOOP B OVER TEMP DT							
RC 2AP013	480V SWGR. ESS-BUS 237	WEST	TYPE DS	X-2257	103870	H/09 617	A-3 AUX		591F616 /	22E 2-3203	0010
				FUNCTION/SERVICE-							
RC 2AP014	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	103870	H/07 617	A-3 AUX		591F616 /	22E 2-3203	0011
				FUNCTION/SERVICE-							
RC 2AP015	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	103870	H/06 617	A-3 AUX		591F616 /	22E 2-3203	0012
				FUNCTION/SERVICE-							
RC 2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A-3 AUX		E13064-SHO1C	22E-2-3203	T011
				FUNCTION/SERVICE-							
RH 2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/14	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-							
RH 2CB075	PROC I&C COMP INPUT PNL 1	WE		X-2200S	382557	K/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-							

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*	RH 2CB076	PROC I&C COMP INPUT PNL 2	WE		X-2200S	382557	K/13 642		A-1 AUX		22E-0-3091	
*	RH 2CB077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
*	RH 2CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
*	RH 2CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/12 642		A-2 AUX		22E-0-3091	
*	RH 2CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
*	RH 2CM004	COMPUTER CAB.	WE		X-2200S	382557	K/16 642		A-6 AUX		22E-0-3091	
*	RH 2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560		A-7 AUX		22E-0-3059	
*	RH 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560		A-7 AUX		22E-0-3059	
*	RH 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/07 617		A-3 AUX	33-45122-E-	22E-2-3203	
*	RH 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/06 617		A-3 AUX	33-45122-E-	22E-2-3203	
*	RH 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617		A-3 AUX		22E-2-3203	
*	RH 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617		A-3 AUX		22E-2-3203	

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		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	2AP030	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617		A-3	AUX			22E-2-3203	
				FUNCTION/SERVICE-	POWER SUPPLY FOR	RHR SYS VLV	2MOV-RH8703							
RH	2CB006	MCB-REACTOR CONTROL	WE		X-2200S	382557	G/18 642		A-1	AUX			22E-0-3090	
				FUNCTION/SERVICE-										
PH	2CB009	MCB-ESF DIV 28	WE		X-2200S	382557	H/17 642		A-1	AUX			22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR	RHR SYS PUMP AND VLVS								
RH	2CB010	MCB-ESF DIV 29	WE		X-2200S	382557	H/17 642		A-1	AUX			22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR	RHR S'S PUMP AND VLVS								
RH	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560		A-7	AUX			22E-0-3058	
				FUNCTION/SERVICE-	PWR SUPPLY FOR	RHR SYS VLVS 2FCV-RHG11, 2MOV-RH8700B, -RH8716C								
RH	2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560		A-7	AUX			22E-0-3059	
				FUNCTION/SERVICE-	POWER SUPPLY FOR	RHR SYS VLV 2MOV-RH8716B								
RH	2CB012	MCB-EOP PORTION ESF	WE		X-2200S	382557	H/17 642		A-1	AUX			22E-0-3090	
				FUNCTION/SERVICE-										
RH	2CB033	ESF PNAEL B	WE		X-2200S	382557	H/13 642		A-1	AUX			22E-0-3091	
				FUNCTION/SERVICE-										
RH	2CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	K/12 642		A-1	AUX			22E-0-3091	
				FUNCTION/SERVICE-										
RH	2RH001	RHR PUMP MOTOR UNIT	WEST	VSW1	E-677125		L/18 552'-0"		A13	AUX	N/A V-8X20W86X11-D	M-520	A251	
				FUNCTION/SERVICE-	ACTUATES PUMP/RHR PUMP 2A									
RH	2RH002	RHR PUMP MOTOR UNIT	WEST	VSW1	E-677125		M/18 552'-0"		A13	AUX	N/A V-8X20W86X11-D	M-520	A251	
				FUNCTION/SERVICE-	ACTUATES PUMP/RHR PUMP 1A									
RH	2RH001	RHR PUMP MOTOR UNIT	WEST	VSW1	E-677125		L/18 552'-0"		A13	AUX	N/A V-8X20W86X11-D	M-520	A251	
				FUNCTION/SERVICE-	ACTUATES PUMP/RHR PUMP 2A									



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RH	2RH002	RHR PUMP MOTOR UNIT	WEST	VSW1	E-677125		M/18 552'-0''	A13 AUX	N/A	V-8X20WBGX11-D	M-520	A251
				FUNCTION/SERVICE:ACTUATES PUMP/RHR PUMP 1A								
RH	2MOV-RH8700A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	L/18 546'-0''	A13 AUX	N/A	93-13107	M-520	A252
				FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION								
RH	2MOV-RH8700B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	M/18 546'-0''	A13 AUX	N/A	93-13107	M-520	A252
				FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION								
RH	2MOV-RH8700A	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	L/18 546'-0''	A13 AUX	N/A	93-13107	M-520	A252
				FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION								
RH	2MOV-RH8700B	VALVE MOTOR OPERATOR	LMTQ	SMB-0	G-676258	067762	M/18 546'-0''	A13 AUX	N/A	93-13107	M-520	A252
				FUNCTION/SERVICE:ACTUATES VALVE/RHR PUMP SUCTION								
RH	2MOV-RH8716A	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258		M/19 557'-0''	A7 AUX	N/A		M-520	A253
				FUNCTION/SERVICE:ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION								
RH	2MOV-RH8716B	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258		L/19 557'-0''	A7 AUX	N/A		M-520	A253
				FUNCTION/SERVICE:ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION								
RH	2MOV-RH8716C	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258		M/19 542'-0''	A7 AUX	N/A		M-520	A253
				FUNCTION/SERVICE:ACTUATES VALVE/CROSSTIE-HOT & COLD LEG INJECTION								
RH	2FT-600	FLOW TRANSMITTER	F&P	10B2495	X-2200	104253	P/18 560'-0''	A13 AUX	N/A		M-520,M-296	N101
				FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN								
RH	2FT-600	FLOW TRANSMITTER	F&P	10B2495	X-2200	104253	P/18 560'-0''	A13 AUX	N/A		M-520,M-296	N101
				FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN								
RH	2FT-600	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A13 AUX	N/A		M-520	N102
				FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN								
RH	2FT-600	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A13 AUX	N/A		M-520	N102
				FUNCTION/SERVICE:RHR LOOP RETURN FLOW INDICATION/RHR LOOP RETURN								

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RH 24P055	MOV TRS DIST. PNL DIV 29	FISH-H B/M C-458	X-2329	119387	P/20 560		A-2 AUX		22E-0-3059	Q038
		FUNCTION/SERVICE-	POWER SUPPLY FOR RHR SYS MOV TRS							
RH 24P26	ESS AUX RLY CAB 29-1	HARLO CORP.	X-2305	120159	H/7 617		A-3 AUX	E13064-SH01B	22E-2-3203	T009
		FUNCTION/SERVICE-								
RH 24P28	ESS AUX RLY CAB 29-1	HARLO CORP.	X-2305	120159	H/5 617		A-3 AUX	E13064-SH01C	22E-2-3203	T011
		FUNCTION/SERVICE-								
RH 2AB0100	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/17 541		A13 AUX		22E-0-3054	X098
		FUNCTION/SERVICE-	RHR PUMP 2A SCTN ISOL VLV 2MOV RHR700A							
RH 2AB0100	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	L/17 542		A13 AUX		22E-0-3054	X098
		FUNCTION/SERVICE-	RHR PUMP 2A SCTN ISOL VLV 2MOV RHR700A							
RH 2AB0101	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	M/17 542		A13 AUX		22E-0-3054	X099
		FUNCTION/SERVICE-	RHR PUMP 2B SCTN ISOL VLV 2MOV RHR700B							
RH 2AB0101	JUNCTION BOX	FISH-H EM-47150	X-2329	119387	M/17 542		A13 AUX		22E-0-3054	X099
		FUNCTION/SERVICE-	RHR PUMP 2B SCTN ISOL VLV 2MOV RHR700B							
RP 2AB0363	JUNCTION BOX				G/9 630		A-4 AUX		22E-2-3204	
		FUNCTION/SERVICE-	TURBINE AUTO STOP TRIP RELAYS							
RP 2CB037			X-2329		H/10 642		A-1 AUX		22E-0-3091	
		FUNCTION/SERVICE-	125V DC CONTROL POWER DISTRIBUTION CABINET 211 (LOGIC CIRCUIT POWER)							
RP 2CB039			X-2329		H/10 642		A-1 AUX		22E-0-3091	
		FUNCTION/SERVICE-	125V DC CONTROL POWER DISTRIBUTION CABINET 213 (CONTROL CIRCUIT POWER)							
RP 2CB040			X-2329		K/14 642		A-1 AUX		22E-0-3091	
		FUNCTION/SERVICE-	125V DC CONTROL POWER DISTRIBUTION CABINET 214							
RP 2CB050	ANNUN INPUT RLY LOGIC CAB	WE	X-2322		G/14 642		A-1 AUX		22E-0-3091	
		FUNCTION/SERVICE-	ANN. INPUT RELAY LOGIC CABINET							

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RP	2CB052				X-2303		K/14 642		A-1 AUX		22E-0-3090	
					FUNCTION/SERVICE-GENERATOR & TRANSFORMER, RELAY AND METERING PANEL							
RP	2CB067				X-2305		G/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-CONTAINMENT PRESS. LOGIC 1							
RP	2CB068				X-2305		H/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-CONTAINMENT PRESS. LOGIC 2							
RP	2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-2200S	382557	H/14		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-ANN. INPUT RELAY CABINET							
RP	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO		X-2305		H/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-LOGIC TEST TRAIN 2							
RP	2CB096	SAFEGUARDS TEST CAB A	WE		X-2200S	382557	G/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-SAF. TRAIN A TEST							
RP	2CB097	SAFEGUARDS TEST CAB B	WE		X-2200S	382557	G/11 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-SAF. TRAIN B TEST							
RP	2CB015	MCB AUTO CONTROL CAB.	WE		X-2316	113429	G/17 642		A-1 AUX		22E-0-3090	
					FUNCTION/SERVICE-AUTO CONTROL CABINET, CONTROL PRESS LOGIC							
RP	2CB026	PROC. I&C RACK PROT. SET 1	WE		X-2200S	382557	G/12 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 1							
RP	2CB027	PROC. I&C RACK PROT. SET 2	WE		X-2200S	382557	G/13 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 2							
RP	2CB028	PROC. I&C RACK PROT. SET 3	WE		X-2200S	382557	H/12 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 3							
RP	2CB029	PROC. I&C RACK PROT. SET 4	WE		X-2200S	382557	K/13 642		A-1 AUX		22E-0-3091	
					FUNCTION/SERVICE-PROCESS I & C RACK PROT. SET 4							

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RP 2CB030	RX PROT LOGIC A	WE	X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
	FUNCTION/SERVICE-RP SYS LOGIC A									
RP 2CB031	REACTOR PROT. LOGIC B	WE	X-22005	382557	H/13 642	A-1 AUX			22E-0-3091	
	FUNCTION/SERVICE-RP SYS LOGIC B									
RP 2CB032	ESF SAF ACT LOGIC A	WE	X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
	FUNCTION/SERVICE-ENG. SAF. ACTUATION A									
RP 2CB033	ESF SAF ACT LOGIC B	WE	X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
	FUNCTION/SERVICE-ENG. SAF. ACTUATION B									
RP 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK- 350	X-2240	103443	G/09 617	A-3 AUX	33-45122-E-231	22E-2-3203	0004
	FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS									
RP 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK- 350	X-2240	103443	G/07 617	A-3 AUX	33-45122-E-232	22E-2-3203	0005
	FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS									
RP 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK- 350	X-2240	103443	G/06 617	A-3 AUX	33-45122-E-233	22E-2-3203	0006
	FUNCTION/SERVICE-TURBINE AUTO STOP TRIP RELAYS									
RP 2CB035	NSSS AUX RLY RACK	WE	X-22005	382557	K/12 642	A-1 AUX			22E-0-3091	5012
	FUNCTION/SERVICE-AUX RELAY RACK A									
RP 2CB006	MCB-REACTOR CONTROL	HARLO	X-22005	382557	G/18 642	A-1 AUX	E-12942 SH.7		22E-0-3090	5032
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR REACTOR CONTROL DEVICES									
RP 2CB008	MCB-ESF DIV 27	WE	X-22005	382557	H/17 642	A-1 AUX	E-12942 SH.8		22E-0-3090	5034
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR ENG. SAF. DIV.27									
RP 2CB009	MCB-ESF DIV 28	WE	X-22005	382557	H/17 642	A-1 AUX	E-12942 SH.8		22E-0-3090	5035
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR ENG. SAF. DIV.28									
RP 2CB010	MCB-ESF DIV 29	WE	X-22005	382557	H/17 642	A-1 AUX	E-12942 SH.8		22E-0-3090	5036
	FUNCTION/SERVICE-CONTROL AND INDICATION FOR ENG. SAF. DIV.29									





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RP	2CB012	MCB-BOP PORTION OF ESF	HARLO		X-22005	382557	H/17 642	A-1 AUX	E-12942	SH.8	22E-0-3090	S038
					FUNCTION/SERVICE-CONTROL AND INDICATION FOR BOP SECTION OF ESS							
RP	21P24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A-3 AUX	E13064	SH01A	22E-2-3203	T007
					FUNCTION/SERVICE-AUX. RELAYS ESS DIV 27 CONT							
RP	21P25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A-3 AUX	E13064	SH01D	22E-2-3203	T008
					FUNCTION/SERVICE-AUX. RELAYS ESS DIV 27 CONT							
RP	21P26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A-3 AUX	E13064	SH01B	22E-2-3203	T009
					FUNCTION/SERVICE-AUX. RELAYS ESS DIV 28 CONT							
RP	21P27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A-3 AUX	E13064	SH01E	22E-2-3203	T010
					FUNCTION/SERVICE-AUX. RELAYS ESS DIV 28 CONT							
RP	21P28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A-3 AUX	E13064	SH01C	22E-2-3203	T011
					FUNCTION/SERVICE-AUX. RELAYS ESS DIV 29 CONT							
RP	21P29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A-3 AUX	E13064	SH01F	22E-2-3203	T012
					FUNCTION/SERVICE-AUX. RELAYS ESS DIV 29 CONT							
RV	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617	A-3 AUX	75C247958		22E-2-3203	
					FUNCTION/SERVICE-CONTMT COOL FAN 2C MOTOR HTR FEED							
RV	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX	75C247958		22E-2-3203	
					FUNCTION/SERVICE-CONTMT COOL FAN 2B MOTOR HTR FEED							
RV	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX	75C247958		22E-2-3203	
					FUNCTION/SERVICE-CONTMT COOL FAN 2D MOTOR HTR FEED							
RV	2CB008	MCB-ESF DIV 27	WE		X-22005	382557	H/17 642	A-1 AUX	E12943		22E-0-3090	
					FUNCTION/SERVICE-RX CONTMT VENT COOL FAN CONT & INDIC							
RV	2CB009	MCB-ESF DIV 28	WE		X-22005	382557	H/17 642	A-1 AUX	E12934		22E-0-3090	
					FUNCTION/SERVICE-RX CONTMT VENT COOL FAN CONT & INDIC							

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RV	2CB010	MCB-ESF DIV 29	WE		X-22005	382557	H/17 642	A-1 AUX		E12934	22E-0-3090	
				FUNCTION/SERVICE-	RX	CONTMT	VENT	COOL	FAN	CONT & INDIC		
RV	2CB011	MCB- CONT ISOL	HARLO		X-2291	109918	G/17 642	A-1 AUX		E12934	22E-0-3090	
				FUNCTION/SERVICE-								
RV	2CB012	MCB-BOP PORTION OF ESF	WE		X-22005	382557	H/17 642	A-1 AUX		303211	22E-0-3090	
				FUNCTION/SERVICE-								
RV	2CB050	ANNUN INPUT RLY LOGIC CAB	WE		X-2322		G/14 642	A-1 AUX		303211	22E-0-3091	
				FUNCTION/SERVICE-								
RV	2CB074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/14 642	A-1 AUX		303211	22E-0-3091	
				FUNCTION/SERVICE-								
RV	2CM008	COMPUTER CAB. (I/O TERMIN.)	WE		X-22005	382557	L/15 642	A-1 AUX			22E-2-3400	
				FUNCTION/SERVICE-								
RV	2CM009	COMPUTER CAB. (I/O TERMIN.)	WE		X-22005	382557	L/15 642	A-1 AUX			22E-2-3400	
				FUNCTION/SERVICE-								
RV	2LP25	ESS AUX RLY CAB 27-2	HARLO CORP.		X-2305	123159	H/8 617	A-3 AUX		E13064	22E-2-3203	
				FUNCTION/SERVICE-								
RV	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A-3 AUX		E13064	22E-2-3203	
				FUNCTION/SERVICE-								
RV	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A-3 AUX		E13064	22E-2-3203	
				FUNCTION/SERVICE-								
RV	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A-3 AUX		E13064	22E-2-3203	
				FUNCTION/SERVICE-								
RV	2APO13	480V SWGR. ESS-BUS 23/	WEST	TYPE DS	X-2257	103870	H/09 617	A-3 AUX		591F616 /	22E-2-3203	0010
				FUNCTION/SERVICE-	POWER FEED TO	CONTMT	COOL	FAN	2C			

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RV	2APO14	480V SWGR. ESS-BUS 238	WEST	TYPE DS	X-2257	102870	H/07 617	A-3 AUX		591F616 /	22E-2-3203	Q011
				FUNCTION/SERVICE-	POWER FEED TO CONTMNT COOL FANS 2A & 2D							
RV	2APO15	480V SWGR. ESS-BUS 239	WEST	TYPE DS	X-2257	102870	H/06 617	A-3 AUX		591F616 /	22E-2-3203	Q012
				FUNCTION/SERVICE-	POWER FEED TO CONTMNT COOL FANS 2B & 2E							
RV	2AB0197	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/14 617	A-7 AUX			22E-2-3206	X077
				FUNCTION/SERVICE-	CONTAINMENT PURGE ISOL VALVE 2A9V-RV0002							
RV	2AB0198	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	M/14 617	A-7 AUX			22E-2-3206	X078
				FUNCTION/SERVICE-	CONTAINMENT PURGE ISOL VALVE 2ADV-RV0008							
SI	2CB008	MCB-ESF DIV 27	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR SI SYS PUMPS AND VALVES							
SI	2CB009	MCB-ESF DIV 28	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR SI SYS PUMPS AND VALVES							
SI	2CB010	MCB-ESF DIV 29	WE		X-22005	382557	H/17 642	A-1 AUX			22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR SI SYS PUMPS AND VALVES							
SI	2CB077	PROC I&C RACK CONT GR 1	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
SI	2CB078	PROC I&C RACK CONT GR 2	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
SI	2CB079	PROC I&C RACK CONT GR 3	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
SI	2CB080	PROC I&C RACK CONT GR 4	WE		X-22005	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
SI	2CB087	INSTR DIST BUS 211	FISH-H		X-2329	119387	K/13 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								

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SI	2CB096	SAFEGUARDS TEST CAB A	WE		X-2200S	382557	G/11 642	A-1	AUX			22E-0-3091	
					FUNCTION/SERVICE-								
SI	2CB097	SAFEGUARDS TEST CAB B	WE		X-2200S	382557	G/11 642	A-1	AUX			22E-0-3091	
					FUNCTION/SERVICE-								
SI	2CB032	ESF SAF ACT LOGIC A	WE		X-2200S	382557	H/12 642	A-1	AUX			22E-0-3091	
					FUNCTION/SERVICE-								
SI	2CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/13 642	A-1	AUX			22E-0-3091	
					FUNCTION/SERVICE-								
SI	2SI003	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/16 560'-0''	A13	AUX	N/A	FC-45648	M-521	A001
					FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 2A								
SI	2SI004	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/15 560'-0''	A13	AUX	N/A	FC-45648	M-521	A001
					FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 2B								
SI	2SI003	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/16 560'-0''	A13	AUX	N/A	FC-45648	M-521	A001
					FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 2A								
SI	2SI004	SI PUMP MOTOR	WEST.	HSDP	G-677125	103251	L/15 560'-0''	A13	AUX	N/A	FC-45648	M-521	A001
					FUNCTION/SERVICE:ACTUATES PUMP/SI PUMP 2B								
SI	2MDV-S18804A	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/17 567'-0''	A13	AUX	N/A	93-12862	M-520	A002
					FUNCTION/SERVICE:ACTUATES VALVE/TO CHARHING PUMPS FROM RH EXCH 2A								
SI	2MDV-S18804B	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/17 559'-6''	A13	AUX	N/A	93-12862	M-521	A002
					FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH								
SI	2MDV-S18804A	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/17 567'-0''	A13	AUX	N/A	93-12862	M-520	A002
					FUNCTION/SERVICE:ACTUATES VALVE/TO CHARHING PUMPS FROM RH EXCH 2A								
SI	2MDV-S18804B	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	L/17 559'-6''	A13	AUX	N/A	93-12862	M-521	A002
					FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH								

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MODEL		PROCURE SPEC	CLCO P.O. NO.	COL/ROW ELEVATN	CONTAIN			FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
			MFR	NUMBER				IN	OUT	BUILD				
SI	2MOV-S18807A	VALVE MOTOR OPERATOR	LIMIT	SMB-000	G-676258	103251	L/23 567'-4''	A7	AUX	N/A	93-13114	M-521	A003	
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS SUCTION														
SI	2MOV-S18807B	VALVE MOTOR OPERATOR	LIMIT	SMB-000	G-676258	103251	L/16 569'-4''	A7	AUX	N/A	88919	M-521	A003	
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARGING PUMPS SUCTION														
SI	2MOV-S19010A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	K/16 568'-0''	A13	AUX	N/A	93-13106	M-521	A005	
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP														
SI	2MOV-S19010B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	L/15 568'-0''	A13	AUX	N/A	93-13106	M-521	A005	
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP														
SI	2MOV-S19010A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	K/16 568'-0''	A13	AUX	N/A	93-13106	M-521	A005	
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP														
SI	2MOV-S19010B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	086071	L/15 568'-0''	A13	AUX	N/A	93-13106	M-521	A005	
FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT FROM SI PUMP														
SI	2MOV-S18811A	VALVE MOTOR OPERATOR	LIMIT	SMB-3	G-676258	103251	M/17 557'-0''	A11	AUX	N/A	93-12861	M-522	A006	
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP														
SI	2MOV-S18811B	VALVE MOTOR OPERATOR	LIMIT	SMB-3	G-676258	103251	M/17 557'-0''	A11	AUX	N/A	93-12861	M-522	A006	
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP														
SI	2MOV-S18811A	VALVE MOTOR OPERATOR	LIMIT	SMB-3	G-676258	103251	M/17 557'-0''	A11	AUX	N/A	93-12861	M-522	A006	
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP														
SI	2MOV-S18811B	VALVE MOTOR OPERATOR	LIMIT	SMB-3	G-676258	103251	M/17 557'-0''	A11	AUX	N/A	93-12861	M-522	A006	
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMP FROM RECIRC SUMP														
SI	2MOV-S18812A	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	M/17 559'-0''	A7	AUX	N/A	93-12858	M-522	A009	
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST														
SI	2MOV-S18812B	VALVE MOTOR OPERATOR	LIMIT	SMB-1	G-676258	103251	M/17 567'-0''	A7	AUX	N/A	93-12858	M-522	A009	
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST														

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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.D. NO.	COL/ROW ELEVATN	CONTAIN IN GUT BUILD	FLO LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2MOV-S18806	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	103251	L/15 572'-0''	A13 AUX	N/A	93-13428	M-521	AO11
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	2MOV-S18923A	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	103251	L/16 569'-0''	A13 AUX	N/A		M-64	AO11
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	2MOV-S18923B	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	103251	L/16 569'-0''	A13 AUX	N/A		M-64	AO11
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	2MOV-S18806	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	103251	L/15 572'-0''	A13 AUX	N/A	93-13428	M-521	AO11
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	2MOV-S18923A	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	103251	L/16 569'-0''	A13 AUX	N/A		M-64	AO11
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	2MOV-S18923B	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	103251	L/16 569'-0''	A13 AUX	N/A		M-64	AO11
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI	2MOV-S18811	VALVE MOTOR OPERATOR	LIMIT	SMB-00-25	G-676258	091710	L/17 560'-0''	A13 AUX	N/A	137-116-1	M-521	AO12
FUNCTION/SERVICE:ACTUATES VALVE/SI TEST LINE TO RWST												
SI	2MOV-S18814	VALVE MOTOR OPERATOR	LIMIT	SMB-00-25	G-676258	091710	L/17 560'-0''	A13 AUX	N/A	137-116-1	M-521	AO12
FUNCTION/SERVICE:ACTUATES VALVE/SI TEST LINE TO RWST												
SI	2MOV-S18813	VALVE MOTOR OPERATOR	LIMIT	SMB-00-25	G-676258	091710	L/17 560'-0''	A13 AUX	N/A	137-116-1	M-521	AO12
FUNCTION/SERVICE:ACTUATES VALVE/SI TEST LINE TO RWST												
SI	2MOV-S18814	VALVE MOTOR OPERATOR	LIMIT	SMB-00-25	G-676258	091710	L/17 560'-0''	A13 AUX	N/A	137-116-1	M-521	AO12
FUNCTION/SERVICE:ACTUATES VALVE/SI TEST LINE TO RWST												
SI	2MOV-S18812A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	M/17 559'-0''	A7 AUX	N/A	93-12858	M-522	AO14
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST												
SI	2MOV-S18812B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	M/17 567'-0''	A7 AUX	N/A	93-12858	M-522	AO14
FUNCTION/SERVICE:ACTUATES VALVE/TO RHR PUMPS FROM RWST												

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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 2MOV-S18804A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/17 567'-0''	A13 AUX	N/A	93-12862	M-520	A015	
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARHING PUMPS FROM RH EXCH 2A												
SI 2MOV-S18804B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/17 559'-6''	A13 AUX	N/A	93-12862	M-521	A015	
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI 2MOV-S18806	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/15 572'-0''	A13 AUX	N/A	93-13428	M-521	A015	
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI 2MOV-S18804A	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/17 567'-0''	A13 AUX	N/A	93-12862	M-520	A015	
FUNCTION/SERVICE:ACTUATES VALVE/TO CHARHING PUMPS FROM RH EXCH 2A												
SI 2MOV-S18804B	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/17 559'-6''	A13 AUX	N/A	93-12862	M-521	A015	
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMP FROM RH EXCH												
SI 2MOV-S18806	LIMIT SWITCH	NAMCO	DX-2400	G-676258	103251	L/15 572'-0''	A13 AUX	N/A	93-13428	M-521	A015	
FUNCTION/SERVICE:ACTUATES VALVE/TO SI PUMPS FROM RWST												
SI 2LT-920	LEVEL TRANSMITTER	F&P KBBABAB	1BD2429	X-2200	104253	N/18 560'-0''	A7 AUX	N/A		M-514,M-296	M101	
FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK												
SI 2LT-921	LEVEL TRANSMITTER	F&P KBBABAB	1BD2429	X-2200	104253	N/18 560'-0''	A7 AUX	N/A		M-514,M-296	M101	
FUNCTION/SERVICE:R.W.S.T. LEVEL INDICATION & ALARM/REFUELING WATER STORAGE TANK												
SI 2FI-922	FLOW TRANSMITTER	F&P	10B2496	X-2200	104253	K/16 560'-0''	A7 AUX	N/A		M-521,M-297	M105	
FUNCTION/SERVICE:SI PUMP 2A DISCH. FLOW INDICATION/SI PUMP 2A DISCH.												
SI 2PI-923	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	K/16 560'-0''	A7 AUX	N/A		M-529,M-297	M107	
FUNCTION/SERVICE:SI PUMP 2A DISCH. PRESSURE INDICATION/SI PUMP 2A DISCH.												
SI 2PI-947	PRESSURE TRANSMITTER	F&P	50EP1041	X-2200	104253	R/17 617'-0''	A7 AUX	N/A		M-521,M-289	M107	
FUNCTION/SERVICE:BORON INJ. TANK PRESSURE INDICATION AND ALARM/BORON INJ. TANK												
SI 2PI-935	PRESSURE TRANSMITTER	BARTON	345	X-2200		K/25 560'-0''	A7 AUX	N/A		M-521,M-297	M108	
FUNCTION/SERVICE:SI PUMP 2B DISCH.PRESSURE INDICATION/SI PUMP 2B DISCH.												



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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 2FT-932	FLOW TRANSMITTER	BARTON		X-2200		K/15 560'-0''	A7 AUX	N/A		M-521,M-297	M109
FUNCTION/SERVICE:SI PUMP 2B DISCH. FLOW INDICATION/SI PUMP 2B DISCH.											
SI 2FT-934	FLOW TRANSMITTER	BARTON		X-2200		L/17 560'-0''	A7 AUX	N/A		M-521,M-297	M109
FUNCTION/SERVICE:CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE											
SI 2FI-924	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE											
SI 2FI-925	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE											
SI 2FI-926	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE											
SI 2FI-927	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-2-4303	M110
FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE											
SI 2FI-947	FLOW INDICATOR	WEST	VX-252	X-2200	138768	J/17 642'-0''	A1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE:SI PUMP 2A DISCH.FLOW INDICATION/SI PUMP 2A DISCH.											
SI 2FI-970	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX B OUT FOR SI											
SI 2FI-971A	FLOW INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-1-4304	M110
FUNCTION/SERVICE:RHX OUT FLOW INDICATION/RHX A OUT FOR SI											
SI 2LI-920	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE:RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK											
SI 2LI-921	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	H/17 642'-0''	A1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE:RWST LEVEL INDICATION/REFUELING WATER STORAGE TANK											
SI 2PI-923	PRESSURE INDICATOR	WEST	VX-252	X-2200	138768	J/17 642'-0''	A1 AUX	N/A		22E-2-4304	M110
FUNCTION/SERVICE:SI PUMP 2A DISCHARGE PRESSURE INDICATION/SI PUMP 2A DISCH.											



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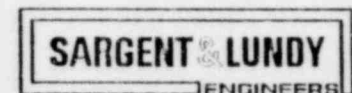
PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
SI 2PI-947	PRESSURE INDICATOR	WEST	VX-252	X-2200	138768	H/17 642'-0''	A1	AUX	N/A	22E-2-4303	M110
FUNCTION/SERVICE: BORON INJ. TANK PRESSURE INDICATION/BORON INJ. TANK											
SI 2PI-960	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE											
SI 2PI-961	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK A INJECTION LINE											
SI 2PI-962	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE											
SI 2PI-963	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK B INJECTION LINE											
SI 2PI-964	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE											
SI 2PI-965	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK C INJECTION LINE											
SI 2PI-966	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE											
SI 2PI-967	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/17 642'-0''	A1	AUX	N/A	22E-2-4304	M110
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION/ACCUM TANK D INJECTION LINE											
SI 2FI-932	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/17 642'-0''	A1	AUX	N/A	22E-2-4304	M111
FUNCTION/SERVICE: SI PUMP 2B DISCH. FLOW INDICATION/SI PUMP 2B DISCH.											
SI 2FI-934	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/17 642'-0''	A1	AUX	N/A	22E-2-4303	M111
FUNCTION/SERVICE: CHARGING PUMP SI LINE FLOW INDICATION/CHARGING PUMP SI LINE											
SI 2FI-970B	FLOW INDICATOR	WESCH- LER		X-2200	138768	H/17 642'-0''	A1	AUX	N/A	22E-2-4304	M111
FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX B OUT FOR SI											

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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	2FI-971B	FLOW INDICATOR	WESCH LER		X-2200	138769	H/17 642'-0''	A1 AUX	N/A		22E-2-4304	M111
					FUNCTION/SERVICE: RHX OUT FLOW INDICATION/RHX A OUT FOR SI							
SI	2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/09 617	A-3 AUX		33-45122-E-231	22E-2-3203	0004
					FUNCTION/SERVICE- POWER SUPPLY FOR SI SYS PUMP 2A							
SI	2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/07 617	A-3 AUX		33-45122-E-232	22E-2-3203	0005
					FUNCTION/SERVICE- POWER SUPPLY FOR SI SYS PUMP 2B							
SI	2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	0023
					FUNCTION/SERVICE- PWR SUPPLY FOR SI SYS VLVS 2MOV-S18800A,00C,01A,03A,08A,08D,13							
SI	2AP031	480V AUX BLDG ESS MCC 2381A	GE	7700 LINE	X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	0024
					FUNCTION/SERVICE-							
SI	2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	0025
					FUNCTION/SERVICE- POWER SUPPLY FOR SI SYS VLV 2MOV-S18800B,08C							
SI	2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX			22E-0-3058	0026
					FUNCTION/SERVICE- PWR SUPPLY FOR SI SYS VLVS 2MOV-S18804B,06,07B,10B,11B,14,S18923B -S18923B							
SI	2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7 AUX			22E-0-3053	0028
					FUNCTION/SERVICE- POWER SUPPLY FOR SI SYS VLVS 2MOV-S18800D,-S18923A							
SI	2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	0029
					FUNCTION/SERVICE- PWR SUPPLY FOR SI SYS VLV 2MOV-S18808B							
SI	2AP092	480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX			22E-0-3059	0031
					FUNCTION/SERVICE- PWR SUPPLY FOR SI SYS VLVS 2MOV-S18801B,-S18803B,-S188809A 2MOV-S18812A,-S18804A,-S18812B,-S18811A							
SI	2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A-7 AUX		750247958 SH.41	22E-0-3059	0032
					FUNCTION/SERVICE-PWR SUPPLY FOR SAF INJ SYS VALVE 2MOV-S18807A							



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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECD P.O. NO.	COL-ROW ELEVATION	CONTAIN IN	FLO BUILD LEV	VENDOR DRAWING	58L DRAWING	COMP NO
SI 2A0055	MOV HRS-DIST. PNL-DIV	FISH-H	B/M-C-458	X-2329	119387	P/20 560		A-7 AUX		22E-0-3059	Q038
			FUNCTION/SERVICE-	POWER SUPPLY FOR	SI SYS	MOV HRS					
SI 20B035	NSSS AUX RLY RACK	WE		X-22005	382557	K/12 642		A-1 AUX		22E-0-3031	S012
			FUNCTION/SERVICE-								
SI 20E006	MCB-REACTOR CONTROL	HARLO		X-22005	382557	G/18 642		A-1 AUX	E-12942 SH.7	22E-0-3090	S032
			FUNCTION/SERVICE-								
SI 20E007	MCB-C&VC SYS	HARLO		X-22005	382557	H/17 642		A-1 AUX	E-12942 SH.7	22E-0-3090	S033
			FUNCTION/SERVICE-PWR	SUPPLY FOR SAF	INJ SYS	PUMPS AND VALVES					
SI 20B012	MCB-BOP PORTION OF ESF	HARLO		X-22005	382557	H/17 642		A-1 AUX	E-12942 SH.8	22E-0-3090	S038
			FUNCTION/SERVICE-								
SI 20B074	NSSS ANNUN RLY INPUT CAB	WE		X-22005	382557	H/14		A-1 AUX		22E-0-3091	S040
			FUNCTION/SERVICE-								
SI 2AB0350	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	L/17 560		A11 AUX		22E-2-3208	X154
			FUNCTION/SERVICE-RHR	SYS TO CHARG. PUMP	VLV 2MOV-S18804A						
SI 2AB0350	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	L/17 560		A11 AUX		22E-2-3208	X154
			FUNCTION/SERVICE-RHR	SYS TO CHARG. PUMP	VLV 2MOV-S18804A						
SI 2AB0360	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	L/17 560		A11 AUX		22E-2-3208	X155
			FUNCTION/SERVICE-RHR	SYS TO SI PUMPS	VLV 2MOV-S18804B						
SI 2AB0360	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	L/17 560		A11 AUX		22E-2-3208	X155
			FUNCTION/SERVICE-RHR	SYS TO SI PUMPS	VLV 2MOV-S18804B						
SI 2AB0430	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	*M/17 560		A11 AUX		22E-2-3208	X156
			FUNCTION/SERVICE-RECIRC.	PUMP T1 RHR	PUMP 2B VLV 2MOV-S18811B						
SI 2AB0430	JUNCTION BOX	FISH-H	EM-47150	X-2329	119378	M/17 560		A11 AUX		22E-2-3208	X156
			FUNCTION/SERVICE-RECIRC.	PUMP T1 RHR	PUMP 2B VLV 2MOV-S18811B						

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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
SI	2AB0431	JUNCTION BOX	FISH-H		X-2329	119378	M/17 560	A 11	AUX		22E-2-3208	X157
SI	2AB0431	JUNCTION BOX	FISH-H		X-2329	119378	M/17 560	A 11	AUX		22E-2-3208	X157
SS	2CB013	MCB-PROCESS RAD. MON. CAB.	WE		X22005	382557	K/17 642	A-1	AUX		22E-0-3090	
SS	2CB008	MCB-ESF DIV 27	WE		X-22005	382557	H/17 642	A-1	AUX	E-12942 SH.8	22E-0-3090	5034
SS	2CB009	MCB-ESF DIV 28	WE		X-22005	382557	H/17 642	A-1	AUX	E-12942 SH.8	22E-0-3090	5035
SS	2CB011	MCB-ESF CONT 150L	HARLO		X-2291	109918	G/17 642	A-1	AUX	E-12942 SH.8	22E-0-3090	5037
SS	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A-3	AUX	E13064-SH01A	22E-2-3203	T007
SS	2LP27	ESS AUX RLY CAB 28-2	HARLO CORP.		X-2305	123159	H/7 617	A-3	AUX	E13064-SH01E	22E-2-3203	T010
SS	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A-3	AUX	E13064-SH01F	22E-2-3203	T012
SW	2AB0240	JUNCTION BOX					H/16 630	A-4	AUX		22E-0-3084	
SW	2AB0241	JUNCTION BOX					G/16 630	A-4	AUX		22E-0-3084	
SW	2AB0242	JUNCTION BOX					G/16 630	A-4	AUX		22E-0-3084	

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET		PROCURE SPEC	CECO P. O. NO.	COL/RDW ELEVAIN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S/L DRAWING	COMP NO
		COMPONENT/EQUIPMENT	MODEL NUMBER								
SW 2AB0450		JUNCTION BOX				G/8 630	A-4 AUX			22E-2-3204	
SW 2AB0451		JUNCTION BOX				J/8 630	A-4 AUX			22E-2-3204	
SW 2AP006		4160V SWGR. ESS-BUS 247	ITE 350	TYPE 5 HK- X-2240	103443	G/09 617	A-3 AUX		33-45122-E-	22E 2-3203	
SW 2AP007		4160V SWGR. ESS-BUS 248	ITE 350	TYPE 5 HK- X-2240	103443	G/07 617	A-3 AUX		33-45122-E-	22E 2-3203	
SW 2AP008		4160V SWGR. ESS-BUS 249	ITE 350	TYPE 5 HK- X-2240	103443	G/06 617	A-3 AUX		33-45122-E-	22E 2-3203	
SW 2AP015		480V SWGR. ESS-BUS 239	WEST	TYPE DS X-2257	103870	H/06 617	A-3 AUX		591F616 /	22E 2-3203	
SW 2AP030		480V AUX BLDG ESS MCC 2371	GE	7700 LINE X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	
SW 2AP031		480V AUX BLDG ESS MCC 2381	GE	7700 LINE X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	
SW 2AP033		480V AUX BLDG ESS MCC 2391	GE	7700 LINE X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	
SW 2CB008		MCB-ESF DIV 27	WE	X-2200S	382557	H/17 642	A-1 AUX			22E-0-3090	
SW 2CB009		MCB-ESF DIV 28	WE	X-2200S	382557	H/17 642	A-1 AUX			22E-0-3090	
SW 2CB010		MCB-ESF DIV 29	WE	X-2200S	382557	H/17 642	A-1 AUX			22E-0-3090	

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PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET		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 MODEL NUMBER								
SW 20B015	MCB AUTO CONTROL CAB.	VE	X-2316	113429	G/17 642	A-1 AUX			22E-0-3090	
		FUNCTION/SERVICE-								
SW 20B074	NSSS ANNUN RLY INPUT CAB	WE	X-2200S	382557	H/14	A-1 AUX			22E-0-3091	
		FUNCTION/SERVICE-								
SW 21P10	DG 2A DIESEL START-UP	COOP-B	X-2246		H/7 592	A-5 DG	65-262-728-501		22E-2-3202	
		FUNCTION/SERVICE-								
SW 21P12	DG 2B DIESEL START UP	COOP-B	X-2246		H/7 592	A-5 DG	65-262-728-501		22E-2-3202	
		FUNCTION/SERVICE-								
SW 21P24	ESS AUX RLY CAB 27-1	HARLO CORP.	X-2305	123159	J/8 617	A-3 AUX			22E-2-3203	
		FUNCTION/SERVICE-								
SW 21P26	ESS AUX RLY CAB 28-1	HARLO CORP.	X-2305	123159	H/7 617	A-3 AUX			22E-2-3203	
		FUNCTION/SERVICE-								
SW 21P28	ESS AUX RLY CAB 29-1	HARLO CORP.	X-2305	123159	J/5 617	A-3 AUX			22E-2-3203	
		FUNCTION/SERVICE-								
SW 21P61	LOC CONT STA SWGR RM DIV 27		X-2329		J/9 617	A-3 AUX			22E-2-3203	
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS								
SW 21P62	LOC CONT STA SWGR RM DIV 28		X-2329		J/7 617	A-3 AUX			22E-2-3203	
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS								
SW 21P63	LOC CONT STA SWGR RM DIV 29		X-2329		J/6 617	A-3 AUX			22E-2-3203	
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR SW SYS PUMPS								
SW 2AB0042	JUNCTION BOX				K/17 560	A-7 AUX			22E-0-3057	
		FUNCTION/SERVICE-AUX BLDG COOLER HEATER ISOLATION VLV OADV-								
SW 2AP035	480V AUX BLDG ESS MCC 23834	GE	7700 LINE	X-2260	103869	G/12 560	A-7 AUX		22E-0-3058	
		FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLVS 0MOV-SW0009, 2MOV-SW0001, 003, 005, 006, 008 & 0106								

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COMPONENT/EQUIPMENT ID SHEET											
PLANT ID	COMPONENT/ EQUIPMENT	MODEL	PROCURE	CECO	COL/ROW	CONTAIN	FLD	VENDOR	S&L	COMP	
NUMBER	MFR	NUMBER	SPEC	P.D. NO	ELEVATN	IN OUT	BUILD	LEV	DRAWING	DRAWING	NO
SW 2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869	L/17 560	A-7	AUX		22E-0-3059	
			FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLVS 0MOV-SW0010,2MOV-0002,004,007,010,102,103,105,115,116								
SW 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869	K/12 542	A-7	AUX		22E-0-3053	
			FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLV 2MOV-SW0009								
SW 2AP093	480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A-7	AUX		22E-0-3059	
			FUNCTION/SERVICE-POWER SUPPLY TO SW SYS VLVS 0MOV-SW0013,015								
SW 2CH0027	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	BB/107 594	P-1	CRIB		22E-1-3147	
			FUNCTION/SERVICE-SW SYS PUMP 2A PRESSURE SWITCH 2PSL-SW146								
SW 2CH0028	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	BB/105 594	P-1	CRIB		22E-1-3147	
			FUNCTION/SERVICE-SW SYS PUMP 2B PRESSURE SWITCH 2PSL-SW147								
			FUNCTION/SERVICE-SW SYS BOOSTER PUMP ISOLATION VLV 0MOV-SW0006								
SW 2CH0029	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	BB/103 594	F-1	CRIB		22E-1-3147	
			FUNCTION/SERVICE-SW SYS PUMP 2C PRESSURE SWITCH 2PSL-SW148								
			FUNCTION/SERVICE-SW SYS BOOSTER PUMP OA ISOL VLVS 0MOV-SW0005,006 & PRESSURE SWITCH OPSL-FP17								
			FUNCTION/SERVICE-SW SYS STRAINER BACKWASH LINE SHUTOFF VLV OFC-SW54								
SW 2CH0031	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	CC/106 594	P-1	CRIB		22E-1-3147	
			FUNCTION/SERVICE-SW SYS PUMP 2A PRESSURE SWITCH 2PSL-SW146								
SW 2CH0032	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	CC/104 594	P-1	CRIB		22E-1-3147	
			FUNCTION/SERVICE-SW SYS PUMP 2B PRESSURE SWITCH 2PSL-SW147								
SW 2CH0033	JUNCTION BOX	FISH-H	EM47150	X-2329	119387	CC/102 594	P-1	CRIB		22E-1-3147	
			FUNCTION/SERVICE-SW SYS PUMP 2C PRESSURE SWITCH 2PSL-SW148								
SW 2K-2012	JUNCTION BOX		EB214B			CC/106 594	P-1	CRIB		22E-0-3402	
			FUNCTION/SERVICE-SW SYS PUMP 2A MTR TC'S 2TE-SW01A,01B,01C								
SW 2K-2013	JUNCTION BOX		EB214B			CC/104 594	P-1	CRIB		22E-0-3402	
			FUNCTION/SERVICE-SW SYS PUMP 2B MTR TC'S 2TE-SW02A,02B,02C								

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PLANT ID	COMPONENT/ EQUIPMENT	MODEL	PROCURE	CECO	COL ROW	CONTAIN	FLD	VENDOR	S&L	COMP			
SY NUMBER	MFR	NUMBER	SPEC	P. O. NO.	ELEVATN	IN OUT BUILD	LEV	DRAWING	DRAWING	NO.			
SW 2K-2014	JUNCTION BOX	EB214B			CC/102 594	P-1 CRIB						22E-0-3402	
					FUNCTION/SERVICE-SW SYS PUMP 20 MTR TC'S 2TE-SW03A,03B,03C								
SW 2LP30	CONTMT SPRAY PMP 10 DIESEL	DRES- SER INDUS	X-2247	105582	N/19 560	A-7 AUX						22E-0-3059	
					FUNCTION/SERVICE-								
SW 2SW001	PUMP MOTOR UNIT	WEST TYPE CS-V5A	X-2236		CC/106 594'-0''	P1 CRIB	N/A	6542D10		M-32-1	C751		
					FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR								
SW 2SW002	PUMP MOTOR UNIT	WEST TYPE CS-V5A	X-2236		CC/104 594'-0''	P1 CRIB	N/A	6542D10		M-32-1	C751		
					FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR								
SW 2SW003	PUMP MOTOR UNIT	WEST TYPE CS-V5A	X-2236		CC/102 594'-0''	P1 CRIB	N/A	6542D10		M-32-1	C751		
					FUNCTION/SERVICE:ACTUATES PUMP/SERVICE WATER PUMP MOTOR								
SW 2MOV-SW022	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2302		J/9 575'-0''	A7 AUX	N/A	13-10-31129		M-32-2	C757		
					FUNCTION/SERVICE:ACTUATES VALVE/								
SW 2MOV-SW023	VALVE MOTOR OPERATOR	LMTQ SMB-000	X-2302		J/9 575'-0''	A7 AUX	N/A	13-10-31129		M-32-2	C757		
					FUNCTION/SERVICE:ACTUATES VALVE/								
SW 2MOV-SW0001	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	G/18 560'-0''	A7 AUX	N/A	037392-2		M-32-2	C759		
					FUNCTION/SERVICE:ACTUATES VALVE/								
SW 2MOV-SW0002	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 560'-0''	A7 AUX	N/A	037392-2		M-32-2	C759		
					FUNCTION/SERVICE:ACTUATES VALVE/								
SW 2MOV-SW0003	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 560'-0''	A7 AUX	N/A	037392-2		M-32-2	C759		
					FUNCTION/SERVICE:ACTUATES VALVE/								
SW 2MOV-SW0004	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/23 560'-0''	A7 AUX	N/A	037392-2		M-32-2	C759		
					FUNCTION/SERVICE:ACTUATES VALVE/								
SW 2MOV-SW0005	VALVE MOTOR OPERATOR	LMTQ SMB-0	X-2218	398321	L/17 568'-0''	A7 AUX	N/A	037392-2		M-32-2	C759		
					FUNCTION/SERVICE:ACTUATES VALVE/								

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PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	BUILD LEV	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SW 2MDV-SW0006	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	L/17 560'-0''	A7 AUX	N/A		037392-2	M-32-2	C759
FUNCTION/SERVICE:ACTUATES VALVE/												
SW 2MDV-SW0111	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/102 594'-0''	P1 CRIB	N/A		Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER												
SW 2MDV-SW0112	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/102 594'-0''	P1 CRIB	N/A		Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER												
SW 2MDV-SW0113	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/102 594'-0''	P1 CRIB	N/A		Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER												
SW 2MDV-SW0114	VALVE MOTOR OPERATOR	RAMCON	300-BR-4	X-2254	103871	CC/102 594'-0''	P1 CRIB	N/A		Y-121275	M-32-1	C761
FUNCTION/SERVICE:ACTUATES VALVE/TO FOREBAY FROM SERVICE WATER STRAINER												
SW 2MDV-SW0007	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/17 560'-0''	A7 AUX	N/A		037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/												
SW 2MDV-SW0008	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/17 560'-0''	A7 AUX	N/A		037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/												
SW 2MDV-SW0009	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/17 560'-0''	A7 AUX	N/A		037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/												
SW 2MDV-SW0010	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/17 560'-0''	A7 AUX	N/A		037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/												
SW 2MDV-SW0011	VALVE MOTOR OPERATOR	LMTQ	SMB-00	X-2218	398321	L/17 5607'-0''	A7 AUX	N/A		037392-2	M-32-2	C763
FUNCTION/SERVICE:ACTUATES VALVE/												
SW 2PT-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 2PT-SW17	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		J/17 642'-0''	A1 AUX	N/A			M-32,M-299	M503
FUNCTION/SERVICE:SERVICE WATER HEADER PRESSURE INDICATION												

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PLANT ID	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT	FID BUILD LEV	VENDOR DRAWING	SSL DRAWING	COMP NO	
SW 2PI-SW107	ELECTRICAL INDICATOR	WEST	VX-252	X-2200		G/19 642'-0''	A1 AUX	N/A		M-32,M-299	M503	
				FUNCTION/SERVICE: SERVICE WATER HEADER PRESSURE INDICATOR								
SW 2AP055	MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 29		X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	Q038	
				FUNCTION/SERVICE-POWER SUPPLY TO SW SYS MOV HEATERS								
TV 2IP14	DIESEL GEN 2A VENT SYS	POWERS REGULATOR		X-2286	123163	G/7 592	A-5 D.G.			22E-2-3202		
				FUNCTION/SERVICE- CONT & I. JIC FOR TV SYS VENT FAN								
TV 2LP15	DIESEL GEN 2B VENT SYS	POWERS REGULATOR		X-2286	123163	G/6 592	A-5 D.G.			22E-2-3202		
				FUNCTION/SERVICE- CONT & INDIC FOR TV SYS VENT FAN								
TV 2LP17	SWGR RM VENT SYS PNL 27	POWERS REGULATOR		X-2286	123163	G/9 617	A-3 AUX			22E-2-3203		
				FUNCTION/SERVICE- CONT & INDIC FOR TV SYS VENT FAN								
TV 2LP18	SWGR RM VENT SYS PNL 28	POWERS REGULATOR		X-2286	123163	G/17 617	A-3 AUX			22E-2-3203		
				FUNCTION/SERVICE- CONT & INDIC FOR TV SYS VENT FAN								
TV 2LP19	SWGR RM VENT SYS PNL 29	POWERS REGULATOR		X-2286	123163	G/5 617	A-3 AUX			22E-2-3203		
				FUNCTION/SERVICE- CONT & INDIC FOR TV SYS VENT FAN								
TV 2TV-001	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/10 617'-0''	A3 AUX	N/A		M-380,M-658	F501	
				FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL								
TV 2TV-002	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/8 617'-0''	A3 AUX	N/A		M-380,M-658	F501	
				FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL								
TV 2TV-003	VENT FAN MOTOR	GE	29A9-1750-22 /184TCZ	X-2276		J/7 617'-0''	A3 AUX	N/A		M-380,M-658	F501	
				FUNCTION/SERVICE: SWGR ROOM/TEMPERATURE CONTROL								
TV 2TV-009	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/7 592'-0''	A5 AUX	N/A		M-380,M-658	F502	
				FUNCTION/SERVICE: DIESEL GENERATOR ROOM/TEMPERATURE CONTROL								
TV 2TV-010	VENT FAN MOTOR	GE	60D5-1170-31 /365TC	X-2276		J/6 592'-0''	A5 AUX	N/A		M-380,M-658	F502	
				FUNCTION/SERVICE: DIESEL GENERATOR ROOM/TEMPERATURE CONTROL								

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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
TV 2TV-012	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/6 642'-0''	T1 TURB	N/A		M-380, M-658	F503
FUNCTION/SERVICE: FUEL OIL ROOM/FUME EXHAUST											
TV 2TV-013	VENT FAN MOTOR	GE	29A9-1750-38 /182TCZ	X-2276		G/6 642'-0''	T1 TURB	N/A		M-380, M-658	F503
FUNCTION/SERVICE: FUEL OIL ROOM/FUME EXHAUST											
TV 2TV-151	VENT FAN MOTOR	GE	FT-108/375HP	X-2276		J/8 592'-0''	A5 AUX	N/A		M-380, M-658	F504
FUNCTION/SERVICE: TURBINE BLDG VENT SYSTEM CONTROLS/AIR COMPRESSOR											
TV 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2240	103443	G/09 617	A-3 AUX		33-45122-E-231	22E-2-3203	Q004
FUNCTION/SERVICE- CONTROL INTERLOCK TV SYS FANS											
TV 2AP007	4160V SWGR. ESS-BUS 248	ITE	TYPE 5 HK-350	X-2240	103443	G/07 617	A-3 AUX		33-45122-E-	22E-2-3203	Q005
FUNCTION/SERVICE- CONTROL INTERLOCK TV SYS FANS											
TV 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2240	103443	G/06 617	A-3 AUX		33-45122-E-	22E-2-3203	Q006
FUNCTION/SERVICE- CONTROL INTERLOCK TV SYS FANS											
TV 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869	J/09 617	A-3 AUX			22E-2-3203	Q023
FUNCTION/SERVICE- POWER SUPPLY FOR SWGR RM EL 617 VENT FAN 2TV001											
FUNCTION/SERVICE- POWER SUPPLY FOR BATTERY 011 RM EXH FAN 0TV151											
FUNCTION/SERVICE- POWER SUPPLY FOR DG 0 RM VENT FAN 0 TV011											
TV 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869	J/08 617	A-3 AUX			22E-2-3203	Q024
FUNCTION/SERVICE- POWER SUPPLY FOR SWGR RM EL 617 VENT FAN 2A 2TV002											
FUNCTION/SERVICE- POWER SUPPLY FOR DG 2A RM VENT FAN											
TV 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869	J/06 617	A-3 AUX			22E-2-3203	Q025
FUNCTION/SERVICE- POWER SUPPLY FOR DG 2B RM VENT FAN											
FUNCTION/SERVICE- POWER SUPPLY FOR SWGR RM EL 617 VENT FAN 2TV003											
FUNCTION/SERVICE- POWER SUPPLY FOR FUEL OIL TANK RM EXH FAN 2B 2TV013											
TV 2AP090	480V AUX BLDG ESS MCC 2381B	GE	7700 LINE	X-2260	103869	J/07 617	A-3 AUX			22E-2-3203	Q029
FUNCTION/SERVICE- POWER SUPPLY FOR TURB BLDG VENT STANDBY INSTR AIR COMPR 2TV151											
FUNCTION/SERVICE- POWER SUPPLY FOR DG 2A PRELUBE OIL PUMP 2DG004											

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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	F.L.D. BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	2CB006	MCB-REACTOR CONTROL	WE		X-2200S	382557	G/18 642	A-1 AUX		E12943	22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR		VC SYS VLVS					
VC	2CB007	MCB-C&VC SYS	WE		X-2200S	382557	H/17 642	A-1 AUX		E12943	22E-0-3090	
				FUNCTION/SERVICE-	CONT & INDIC FOR		VC SYS VLVS & PUMPS					
VC	2CB008	MCB-ESF DIV 27	WE		X-2200S	382557	H/17 642	A-1 AUX		E12943	22E-0-3090	
				FUNCTION/SERVICE-								
VC	2CB009	MCB-ESF DIV 28	WE		X-2200S	382557	H/17 642	A-1 AUX		E12943	22E-0-3090	
				FUNCTION/SERVICE-								
VC	2CB010	MCB-ESF DIV 29	WE		X-2200S	382557	H/17 642	A-1 AUX			22E-0-3090	
				FUNCTION/SERVICE-								
VC	2CB030	RX PROT LOGIC A	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
VC	2CB032	ESF SAF ACT LOGIC A	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
VC	2CB033	ESF SAF ACT LOGIC B	WE		X-2200S	382557	H/13 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
VC	2CB035	NSSS AUX RLY RACK	WE		X-2200S	382557	K/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
VC	2CB074	NSSS ACTION RLY INPUT CAB	WE		X-2200S	382557	H/14 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
VC	2CB075	PROC I&C COMP INPUT PNL 1	WE		X-2200S	382557	K/12 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								
VC	2CB076	PROC I&C COMP INPUT PNL 2	WE		X-2200S	382557	K/13 642	A-1 AUX			22E-0-3091	
				FUNCTION/SERVICE-								

COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC	2CB077	PROC I&C RACK CONT GR 1	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
		FUNCTION/SERVICE -										
VC	2CB078	PROC I&C RACK CONT GR 2	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
		FUNCTION/SERVICE -										
VC	2CB079	PROC I&C RACK CONT GR 3	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
		FUNCTION/SERVICE -										
VC	2CB080	PROC I&C RACK CONT GR 4	WE		X-2200S	382557	H/12 642	A-1 AUX			22E-0-3091	
		FUNCTION/SERVICE -										
VC	2CB095	ESS LOGIC TST TRAIN CAB 2	HARLO		X-2305		H/11 642	A-1 AUX			22E-0-3091	
		FUNCTION/SERVICE -										
VC	2K-2202	JUNCTION BOX		EB214			H/17 656	A-1 AUX			22E-0-3400	
		FUNCTION/SERVICE - SIGNAL BORIC ACID TO CHG PUMP FLOW INDICATOR										
VC	2LP24	ESS AUX RLY CAB 27-1	HARLO CORP.		X-2305	123159	J/8 617	A-3 AUX	E13064		22E-2-3203	
		FUNCTION/SERVICE -										
VC	2LP26	ESS AUX RLY CAB 28-1	HARLO CORP.		X-2305	123159	H/7 617	A-3 AUX	E13064		22E-2-3203	
		FUNCTION/SERVICE -										
VC	2LP28	ESS AUX RLY CAB 29-1	HARLO CORP.		X-2305	123159	J/5 617	A-3 AUX	E13064		22E-2-3203	
		FUNCTION/SERVICE -										
VC	2LP29	ESS AUX RLY CAB 29-2	HARLO CORP.		X-2305	123159	H/5 617	A-3 AUX	E13064		22E-2-3203	
		FUNCTION/SERVICE -										
VC	2K-2020	PULL BOX		EB214			P/19 594	A11 AUX			22E-2-3408	
		FUNCTION/SERVICE - UPSTREAM RC FILTER DISCH TO HOLD UP TANKS (2F04-VC23)										
VC	2K-2020	PULL BOX		EB214			P/19 594	A11 AUX			22E-2-3408	
		FUNCTION/SERVICE - UPSTREAM RC FILTER DISCH TO HOLD UP TANKS (2F04-VC23)										

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	QTY	QTY NO.	COL/ROW ELEVATION	CONTAIN IN OFF BUILD	FLO LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 2K-2015	PURE PDX		EE214				L/19 594	A-7 AUX			22E-2-3408	
				FUNCTION/SERVICE-			UPSTREAM CHG PUMP SUCTION (2FGV-VC20)					
VC 2EF-121	FLOW TRANSMITTER	F&P	10B2496	X-2200			K/17 500'-0"	A7 AUX	N/A		M-518, M-297	N301
				FUNCTION/SERVICE-			CHARGING LINE FLOW CONTROL, INDICATION & ALARM/CHARGING LINE					
VC 2EL-121A	FLOW INDICATOR	WEST	VA-252	X-2200	100478		H/17 642'-0"	A1 AUX	N/A		2LE-1-4303	N302
				FUNCTION/SERVICE-			CHARGING LINE FLOW INDICATION/CHARGING LINE					
VC 2AP006	4160V SWGR. ESS-BUS 247	ITE	TYPE 5 HK-350	X-2210	103443		G/09 617	A-3 AUX		35 45122-E-	22E-2-3203	0004
				FUNCTION/SERVICE-			POWER SUPPLY FOR CENT CHARGING PUMP 2B					
VC 2AP008	4160V SWGR. ESS-BUS 249	ITE	TYPE 5 HK-350	X-2210	103443		G/09 617	A-3 AUX		35 45122-E-	22E-2-3203	0006
				FUNCTION/SERVICE-			POWER SUPPLY FOR CENT CHARGING PUMP 2A					
VC 2AP014	480V SWGR. ESS-BUS 238	WEST	TYPE 5 HK-350	X-2257	103870		H/07 617	A-3 AUX		591F616 /	22E-2-3203	0011
				FUNCTION/SERVICE-			POWER SUPPLY FOR CENT CHARGING PUMP 2C					
VC 2AP030	480V AUX BLDG ESS MCC 2371	GE	7700 LINE	X-2260	103869		J/09 617	A-3 AUX		75C247958 SH.48A	22E-2-3203	0023
				FUNCTION/SERVICE-			POWER SUPPLY FOR VC SYS PUMPS AND VLV5 2LCV-112C, 2MOV-VC8105, 2VC023					
VC 2AP031	480V AUX BLDG ESS MCC 2381	GE	7700 LINE	X-2260	103869		J/08 617	A-3 AUX		75C247958 49.50	22E-2-3203	0024
				FUNCTION/SERVICE-			POWER SUPPLY FOR VC SYS VLV 2MOV-VC8104					
VC 2AP033	480V AUX BLDG ESS MCC 2391	GE	7700 LINE	X-2260	103869		J/06 617	A-3 AUX		75C247958 50.51	22E-2-3203	0025
				FUNCTION/SERVICE-			POWER SUPPLY FOR VC SYS PUMP 2VC024					
VC 2AP035	480V AUX BLDG ESS MCC 2383A	GE	7700 LINE	X-2260	103869		G/12 560	A-7 AUX		75C250872 SH.1	22E-0-3058	0026
				FUNCTION/SERVICE-								
VC 2AP036	480V AUX BLDG ESS MCC 2393A	GE	7700 LINE	X-2260	103869		L/17 560	A-7 AUX		75C247958 SH.39	22E-0-3059	0027
				FUNCTION/SERVICE-			POWER SUPPLY FOR VC SYS VLV 2MOV-VC8100, & PUMP 2VC006					
VC 2AP046	480V AUX BLDG ESS MCC 2372	GE	7700 LINE	X-2260	103869		K/12 542	A-7 AUX		75C247958 SH.44	22E-0-3053	0028
				FUNCTION/SERVICE-			POWER SUPPLY FOR VC SYS PUMP 2VC007 & VLV5 2LCV-VC112D & 2VC024					

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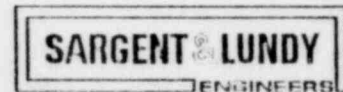
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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 2AP092		480V AUX BLDG ESS MCC 2393B	GE	7700 LINE	X-2260	103869	P/19 560	A-7 AUX		75C247958 SH.40	22E-0-3059	0031
				FUNCTION/SERVICE-								
VC 2AP093		480V AUX BLDG ESS MCC 2393C	GE	7700 LINE	X-2260	103869	N/19 560	A-7 AUX		75C247958 SH.41	22E-0-3059	0032
				FUNCTION/SERVICE-								
VC 2AP055		MOV HTRS- DIST. PNL-DIV	FISH-H B/M-C-458 29		X-2329	119387	P/20 560	A-7 AUX			22E-0-3059	0038
				FUNCTION/SERVICE-								
VC 2AP0308		JUNCTION BOX					K/14 630	A-4 AUX			22E-0-3100	X007
				FUNCTION/SERVICE-								
				FUNCTION/SERVICE-								
				FUNCTION/SERVICE-								
				FUNCTION/SERVICE-								



APPENDIX D.2

IDENTIFICATION SHEETS

UNIT 2 "CONTAINMENT"



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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/RDW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
AP 2EP021	ELECT. PENET. E-21	D.G.D.	TYPE 3.1	X-2308	113967	M/12 630	C-1	RB	R19D2226G	2EE-2-3206	RO16
		FUNCTION/SERVICE- CONT CA PENET PWR FEED TO HTRS/VLVS 2MOV-S18808B, -RH8702.3									
AP 2EP049	ELECT. PENET. E-49	D.G.D.	TYPE 3.1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	2EE-2-3206	RO21
		FUNCTION/SERVICE- CONT CA PENET PWR FEED TO HTRS/VLVS 2MOV-S18808A&D, -S18800A.C.D									
AP 2EP051	ELECT. PENET. E-51	D.G.D.	TYPE 3.1	X-2308	113967	M/12	C-1	RB	R19D2226G	2EE-2-3206	RO22
		FUNCTION/SERVICE- CONT CA PENET PWR FEED TO HTRS/VLVS 2MOV-RC8000A&B, -S18808B&C									
AR 2RE-AR01	RADIATION DETECTOR	NMC	GA-21M	X-2333		Z/31 617'-0''	C1	CONT		M-289	M801
		FUNCTION/SERVICE-ALARM & RECORDING/CONTAINMENT									
AR 2EP045	ELECT. PENET. E-45	D.G.D.	TYPE 4.1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	2EE-2-3206	RO19
		FUNCTION/SERVICE-									
CI 2RB0390	JUNCTION BOX		EB214			TTA 570	C-1	RB		22E-2-3250	
		FUNCTION/SERVICE-STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS02.3.4&5									
FW 2FT-0512	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/28 568'-0''	C1	CONT	ABV	M-500,M-676	M201
		FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP A STEAM									
FW 2FT-0513	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/28 568'-0''	C1	CONT	ABV	M-20,M-351	M201
		FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP A STEAM									
FW 2FT-0522	FLOW TRANSMITTER	F&P	10E2496 VCBB-NS	X-2200	104253	Z/23 568'-0''	C1	CONT	ABV	M-500,M-676	M201
		FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP C STEAM									
FW 2FT-0523	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/23 568'-0''	C1	CONT	ABV	M-500,M-676	M201
		FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP C STEAM									
FW 2FT-0532	FLOW TRANSMITTER	F&P	10E2496 VCBB-NS	X-2200	104253	Z/21 568'-0''	C1	CONT	ABV	M-500,M-676	M201
		FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM									
FW 2FT-0533	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/21 568'-0''	C1	CONT	ABV	M-500,M-676	M201
		FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM ,REACT. TRIP, SI INITIATION/SG LOOP D STEAM									

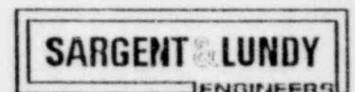
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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	COMPONENT/EQUIPMENT ID SHEET		PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
			MFR	MODEL NUMBER				IN	OUT				
FW	2FT-0542	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/33 568'-0''	C1	CONT	ABV		M-500,M-676	M201
FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM, REACT. TRIP, SI INITIATION/SG LOOP B STEAM													
FW	2FT-0543	FLOW TRANSMITTER	F&P	10B2496 VCBB-NS	X-2200	104253	Z/33 568'-0''	C1	CONT	ABV		M-500,M-676	M201
FUNCTION/SERVICE:SG LOOP A STEAM FLOW INDICATION & ALARM, REACT. TRIP, SI INITIATION/SG LOOP B STEAM													
FW	2LT-0517	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/28 568'-0''	C1	CONT	BEL		M-502,M-676	M202
FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0518	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/27 568'-0''	C1	CONT	ABV		M-502,M-676	M202
FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0519	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/27 568'-0''	C1	CONT	ABV		M-502,M-676	M202
FUNCTION/SERVICE:SG LOOP A LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0527	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/24 568'-0''	C1	CONT	BEL		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0528	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/23 568'-0''	C1	CONT	ABV		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0529	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/23 568'-0''	C1	CONT	BEL		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP C LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0537	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/21 568'-0''	C1	CONT	BEL		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0538	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/21 568'-0''	C1	CONT	BEL		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0539	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/21 568'-0''	C1	CONT	ABV		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP D LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													
FW	2LT-0547	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/32 568'-0''	C1	CONT	BEL		M-502,M-675	M202
FUNCTION/SERVICE:SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL													



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FW 2LT-0548	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/31 568'-0''	C1	CONT	BEL		M-502,M-675	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL												
FW 2LT-0549	LEVEL TRANSMITTER	F&P	13D2495 KBBABBB-NS	X-2200	104253	Z/33 568'-0''	C1	CONT	ADV		M-502,M-675	M202
FUNCTION/SERVICE: SG LOOP B LEVEL INDICATION & ALARM, REACT. TRIP & SI INITIATION/SG LOOP A LEVEL												
FW 2PT-0514	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/25 560'-0''	C1	COM			M-500,M-296	M204
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM												
FW 2PT-0515	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/25 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM												
FW 2PT-0516	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/25 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG A STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG A STEAM												
FW 2PT-0524	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/25 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM												
FW 2PT-0525	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/25 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM												
FW 2PT-0526	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/25 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG C STEAM												
FW 2PT-0534	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/19 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM												
FW 2PT-0535	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/19 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM												
FW 2PT-0536	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/19 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG D STEAM												
FW 2PT-0544	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/19 560'-0''	C1	CONT			M-500,M-296	M204
FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION & ALARM, SI INITIATION/SG B STEAM												

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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 2PT-0545	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/19 560'-0''	C1	CONT		M-500, M-296	M204
	FW 2PT-0546	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA	X-2200	104253	Z/19 560'-0''	C1	CONT		M-500, M-296	M204
	FW 2EP006	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO13
	FW 2EP015	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO14
	FW 2EP045	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO19
	FW 2EP046	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO20
	MS 2RBO145	JUNCTION BOX		EB215			Z/25 592	C-1	RB		22E-2-3248	
	MS 2RBO146	JUNCTION BOX		EB215			Z/19 592	C-1	RB		22E-2-3248	
	MS 2RBO247	JUNCTION BOX		EB215			Z/25 592	C-1	RB		22E-2-3248	
	MS 2RBO390	JUNCTION BOX		EB215			TTA 548	C-1	RB		22E-2-3250	
	MS 2MOV-MS0005	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z/25 585'-0''	C1	CONT	037354-2	M-500	C501
	MS 2MOV-MS0006	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z/19 574'-0''	C1	CONT	037354-2	M-500	C501

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
MS 2MOV-M50011	VALVE MOTOR OPERATOR	LMTQ	SMB-00-15	X-2218	398321	Z/20 585'-0''	C1	CONT	037354-2	M-500	C501
FUNCTION/SERVICE:ACTUATES VALVE/TD AUX FEEDWATER PUMP FROM STEAM GENERATORS											
MS 2EP015	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	R014
FUNCTION/SERVICE- INST CA PENET STEAM GEN 1A,B,C,D, LOOPS A,B,C,D MAIN STEAM FLOW											
MS 2EP046	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	2EE-2-3206	R020
FUNCTION/SERVICE- INST CA PENET STEAM GEN 1A,B,C,D LOOPS A,B,C,D MAIN STEAM FLOW											
NR 2NE-0031	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N201
FUNCTION/SERVICE:SOURCE RANGE INDICATION/SOURCE RANGE DETECTOR											
NR 2NE-0032	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N201
FUNCTION/SERVICE:SOURCE RANGE INDICATION/SOURCE RANGE DETECTOR											
NR 2NE-0035	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N202
FUNCTION/SERVICE:INTERMEDIATE RANGE INDICATION/INTERMEDIATE RANGE DETECTOR											
NR 2NE-0036	NEUTRON DETECTOR			X-2200			C1	CONT	ABV		N202
FUNCTION/SERVICE:INTERMEDIATE RANGE INDICATION/I											
NR 2NM-0031A	PREAMP			X-2200			C1	CONT			N203
FUNCTION/SERVICE:SOURCE RANGE MONITOR PREAMP											
NR 2NM-0032A	PREAMP			X-2200			C1	CONT			N203
FUNCTION/SERVICE:SOURCE RANGE MONITOR PREAMP											
NR 2NE-0041A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
FUNCTION/SERVICE:POWER RANGE DETECTOR											
NR 2NE-0041B	NEUTRON DETECTOR			X-2200			C1	CONT			N204
FUNCTION/SERVICE:POWER RANGE DETECTOR											
NR 2NE-0042A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
FUNCTION/SERVICE:POWER RANGE DETECTOR											

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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
NR	2NE-0042B	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	2NE-0043A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	2NE-0043	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	2NE-0044A	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
NR	2NE-0044B	NEUTRON DETECTOR			X-2200			C1	CONT			N204
					FUNCTION/SERVICE: POWER RANGE DETECTOR							
RC	2MOV-RC8001A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/27 594'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL							
RC	2MOV-RC8001B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/25 594'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL							
RC	2MOV-RC8001C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/20 594'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL							
RC	2MOV-RC8001D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/34 594'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL							
RC	2MOV-RC8002A	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/29 592'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP							
RC	2MOV-RC8002B	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/24 594'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP							
RC	2MOV-RC8002C	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/21 594'-0''	C1	CONT		M-52	CO01
					FUNCTION/SERVICE: ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP							

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.G. NO.	COL/R/W ELEVATION	CONTAIN IN OUT	FLD BUILD	VENDOR DRAWING	S&L DRAWING	COMP NO
RC 2MDV-RC8002D	VALVE MOTOR OPERATOR	LMTQ	SB-4			Z/32 594'-0''	C1	CONT		M-52	CO01
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP											
RC 2MDV-RC8003A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/28 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MDV-RC8001 & 1MDV-RC8001											
RC 2MDV-RC8003B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/33 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MDV-RC8001 & 1MDV-RC8001											
RC 2MDV-RC8003C	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/20 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MDV-RC8001 & 1MDV-RC8001											
RC 2MDV-RC8003D	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	070125	Z/25 583'-0''	C1	CONT	P-418658	M-52	CO02
FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES: 1MDV-RC8001 & 1MDV-RC8001											
RC 2MDV-RC8000A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z/32 657'-0''	C1	CONT	88405-2		CO03
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER											
RC 2MDV-RC8000B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	Z/32 657'-0''	C1	CONT	88405-2		CO03
FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT DRAIN TANK FROM PRESSURIZER											
RC 2PCV-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 2PCV-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 2MDV-RC8001A	LIMIT SWITCH	NAMCO	DX2400			Z/27 594'-0''	C1	CONT	ABV	M-52	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 2MDV-RC8001B	LIMIT SWITCH	NAMCO	DX2400			Z/25 594'-0''	C1	CONT	ABV	M-52	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											
RC 2MDV-RC8001C	LIMIT SWITCH	NAMCO	DX2400			Z/20 594'-0''	C1	CONT	ABV	M-52	CO07
FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL											

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COMPONENT/EQUIPMENT ID SHEET

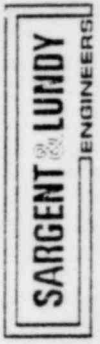
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2MOV-RC8001D	LIMIT SWITCH	NAMCO	DX2400			Z/34 594'-0''	C1	CONT ABV		M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM REACTOR VESSEL					
RC	2MOV-RC8002A	LIMIT SWITCH	NAMCO	DX2400			Z/29 592'-0''	C1	CONT ABV		M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP					
RC	2MOV-RC8002B	LIMIT SWITCH	NAMCO	DX2400			Z/24 594'-0''	C1	CONT ABV		M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP					
RC	2MOV-RC8002C	LIMIT SWITCH	NAMCO	DX2400			Z/21 594'-0''	C1	CONT ABV		M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP					
RC	2MOV-RC8002D	LIMIT SWITCH	NAMCO	DX2400			Z/32 594'-0''	C1	CONT ABV		M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR VESSEL REACTOR COOLANT PUMP					
RC	2MOV-RC8003A	LIMIT SWITCH	NAMCO	DX2400	G-676258	070125	Z/28 583'-0''	C1	CONT ABV	P-418658	M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001					
RC	2MOV-RC8003B	LIMIT SWITCH	NAMCO	DX2400	G-676258	070125	Z/33 583'-0''	C1	CONT ABV	P-418658	M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001					
RC	2MOV-RC8003C	LIMIT SWITCH	NAMCO	DX2400	G-676258	070125	Z/20 583'-0''	C1	CONT ABV	P-418658	M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001					
RC	2MOV-RC8003D	LIMIT SWITCH	NAMCO	DX2400	G-676258	070125	Z/25 583'-0''	C1	CONT ABV	P-418658	M-52	CO07
							FUNCTION/SERVICE:ACTUATES VALVE/BYPASS OF REACTOR VESSEL BETWEEN VALVES:1MOV-RC8001 & 1MOV-RC8001					
RC	2LT-459	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z/33 568'-0''	C1	CONT ABV		M-516,M-677	M301
							FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL					
RC	2LT-460	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z/33 568'-0''	C1	CONT DEL		M-516,M-677	M301
							FUNCTION/SERVICE:PRZR. LEVEL INDICATION & ALARM ,HEATERS & CHARGING PUMPS CONTROL, REACTOR TRIP, SI INITIATION/PRZR. LEVEL					



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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
RC 2FT-461	LEVEL TRANSMITTER	BARTON	386	X-2200	118630	Z/31 568'-0"	C1	CONT	ABV	M-516, M-677	M301
	FUNCTION/SERVICE: PRZR. LEVEL INDICATION & ALARM. HEATERS & CHARGING PUMPS CONTROL. REACTOR TRIP. SI INITIATION/PRZR. LEVEL										
RC 2FT-414	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/28 568'-0"	C1	CONT	EEL	M53, M350	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP A										
RC 2FT-415	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/27 568'-0"	C1	CONT	ABV	M515, M-676	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP A										
RC 2FT-416	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/29 568'-0"	C1	CONT	ABV	M515, M-676	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP A										
RC 2FT-424	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/23 568'-0"	C1	CONT	ABV	M515, M-676	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP C										
RC 2FT-425	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/23 568'-0"	C1	CONT	ABV	M515, M-675	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP C										
RC 2FT-426	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/23 568'-0"	C1	CONT	ABV	M515, M-675	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP C										
RC 2FT-433	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/21 568'-0"	C1	CONT	EEL	M516, M-674	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP D										
RC 2FT-435	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/21 568'-0"	C1	CONT	ABV	M516, M-674	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP D										
RC 2FT-436	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/21 568'-0"	C1	CONT	ABV	M516, M-674	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP D										
RC 2FT-444	FLOW TRANSMITTER	F&P	10B2496 PEBABB-NS	X-2200	104253	Z/33 568'-0"	C1	CONT	EEL	M516, M-677	M302
	FUNCTION/SERVICE: RCLOOP A FLOW INDICATION & ALARM, REACTOR TRIP/RC FLOW LOOP B										

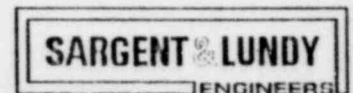


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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	COMPONENT/EQUIPMENT ID SHEET		PROCURE SPEC	CECD P.O. NO.	COL/ROW ELEVATN	CONTAIN		FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
			MFR	MODEL NUMBER				IN	OUT				
RC	2FT-445	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/33	C1		CONT	REL	M516,M-677	M302
FUNCTION/SERVICE:RCLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP B													
RC	2FT-446	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/31	C1		CONT	ABV	M516,M-677	M302
FUNCTION/SERVICE:RCLOOP A FLOW INDICATION & ALARM,REACTOR TRIP/RC FLOW LOOP B													
RC	2PT-0455	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/33	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	2PT-0456	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/33	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	2PT-0457	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/31	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	2PT-0458	PRESSURE TRANSMITTER	F&P	50EP1041 BCXA-NS	X-2200		Z/33	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	2TE-0411A	RTD	SOSTMN		X-2200	089212				C1	CONT	M-515	M304
FUNCTION/SERVICE:LOOP A HOT LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A HOT LEG													
RC	2TE-0411B	RTD	SOSTMN		X-2200	089212				C1	CONT	M-515	M304
FUNCTION/SERVICE:LOOP A COLD LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP A COLD LEG													
RC	2TE-0421A	RTD	SOSTMN		X-2200	089212				C1	CONT	M-515	M304
FUNCTION/SERVICE:LOOP C HOT LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C HOT LEG													
RC	2TE-0421B	RTD	SOSTMN		X-2200	089212				C1	CONT	M-515	M304
FUNCTION/SERVICE:LOOP C COLD LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP C COLD LEG													

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*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCEDURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN DBF	FCD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
RC	2TE-0431A	RTD	SOSTMN		X-2200	089212		C1	CONT		M-516	M304
					FUNCTION/SERVICE: LOOP D HOT LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP D HOT LEG							
RC	2TE-0431B	RTD	SOSTMN		X-2200	089212		C1	CONT		M-516	M304
					FUNCTION/SERVICE: LOOP D COLD LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP D COLD LEG							
RC	2TE-0441A	RTD	SOSTMN		X-2200	089212		C1	CONT		M-516	M304
					FUNCTION/SERVICE: LOOP B HOT LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP B HOT LEG							
RC	2TE-0441B	RTD	SOSTMN		X-2200	089212		C1	CONT		M-516	M304
					FUNCTION/SERVICE: LOOP B COLD LEG TEMP INDICATIONS ALARM, FW MAIN VALVE & TURBINE & CONTROL ROD CONTROL, REACTOR TRIP/LOOP B COLD LEG							
RC	2EP006	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO13
					FUNCTION/SERVICE-							
RC	2EP015	ELECT. PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO14
					FUNCTION/SERVICE-							
RC	2EP021	ELECT. PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C-1	RB	R19D2226G	2EE-2-3206	RO16
					FUNCTION/SERVICE-							
RC	2EP045	ELECT. PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	2EE-2-3206	RO19
					FUNCTION/SERVICE-							
RC	2EP046	ELECT. PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	2EE-2-3206	RO20
					FUNCTION/SERVICE-							
RC	2EP049	ELECT. PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	2EE-2-3206	RO21
					FUNCTION/SERVICE-							
RC	2EP051	ELECT. PENET. E-	D.G.O.	TYPE 3.1	X-2308	113967	M/12	C-1	RB	R19D2226G	2EE-2-3206	RO22
					FUNCTION/SERVICE-							

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PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MODEL MFR NUMBER	PROCCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD EUID	VENDOR DRAWING	S&L DRAWING	COMP NO
RH 2EPO52	ELECT. PENET. E-52	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	2EE-2-3206	R023
		FUNCTION/SERVICE-								
RH 2EPO54	ELECT. PENET. E-54	D.G.O. TYPE 2.2	X-2308	113967	M/12 617	C-1	RB	R19D2224P	22E-2-3206	
		FUNCTION/SERVICE- POWER CABLE PENET FOR RHR SYS VLV 2MOV-RH8701								
RH 2MOV-RH8701	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103273	Z/30 583'-0"	C1	CONT	ABV E-1-144831	M-520	A255
		FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP								
RH 2MOV-RH8702	VALVE MOTOR OPERATOR	LMTQ SMB-1	G-676258	103273	Z/28 579'-0"	C1	CONT	ABV E-1-144831	M-520	A255
		FUNCTION/SERVICE: ACTUATES VALVE/FROM LOOP HOT LEG TO RHR PUMP								
RH 2MOV-RH8703	VALVE MOTOR OPERATOR	LMTQ SMB-2	G-676258	103273	Z/30 583'-0"	C1	CONT	ABV E-1-144831	M-520	A256
		FUNCTION/SERVICE: ACTUATES VALVE/FROM RHR PUMP TO LOOP HOT LEG								
RH 2EPO21	ELECT. PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/12 630	C-1	RB	R19D2226G	22E-2-3206	R016
		FUNCTION/SERVICE- CONTROL CABLE PENET FOR RHR SYS VLV 2MOV-RH8702,3; 2MOV-RH9009C								
RH 2EPO22	ELECT. PENET. E-22	D.G.O. TYPE 2.2	X-2308	113967	12 630	C-1	RB	R19D2224P	22E-2-3206	R017
		FUNCTION/SERVICE- POWER CABLE PENET FOR RHR SYS VLV 2MOV-RH8702,3								
RH 2EPO51	ELECT. PENET. E-51	D.G.O. TYPE 3.1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	22E-2-3206	R022
		FUNCTION/SERVICE- CONTROL CABLE PENET FOR RHR SYS VLV 2MOV-RH8701								
RH 2RB0313	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/30 568	C-1	RB		22E-2-3232	X093
		FUNCTION/SERVICE- LOOP A CHECK VLV TEST LINE 2MOV-RH9008A								
RH 2RB0314	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/30 568	C-1	RB		22E-2-3232	X094
		FUNCTION/SERVICE- RHR TO HOT LEG CHECK VLV TEST LINE 2MOV-RH9009C								
RH 2RB0360	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/31 568	C-1	RB		22E-2-3233	X095
		FUNCTION/SERVICE- LOOP D CHECK VLV TEST LINE 2MOV-RH9008B								
RV 2RB0008	JUNCTION BOX	FISH-H EB-215	X-2329	119387	Z/28 617	C-1	RB		22E-2-3242	
		FUNCTION/SERVICE-CONTAINMENT PURGE ISOL VLV 2SVRV63, 2SV-PP36A, 2SVRV69, 2SV-PP35A								

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	RV 2RB0021	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/25 590	C-1	RB		22E-2-3236	
					FUNCTION/SERVICE-CONTAINMENT	FAN COOLER DAMPER	2RV001	SOL. CONTROL	2SV-RV91,2,3			
	RV 2RB0022	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/21 590	C-1	RB		22E-2-3239	
					FUNCTION/SERVICE-CONTAINMENT	FAN COOLER DAMPER	2RV002	SOL. CONTROL	2SV-RV94,5,6			
	RV 2RB0023	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/19 590	C-1	RB		22E-2-3239	
					FUNCTION/SERVICE-CONTAINMENT	FAN COOLER DAMPER	2RV003	SOL. CONTROL	2SV-RV97,8,9			
	RV 2RB0024	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z/33 590	C-1	RB		22E-2-3238	
					FUNCTION/SERVICE-CONTAINMENT	FAN COOLER DAMPER	2RV004	SOL. CONTROL	2SV-RV100,1,2			
	RV 2EP054	ELECT PENET E-54	D.G.O. TYPE	2.2	X-2308	113967	M/12 617	C-1	RB	R19D2224	22E-2-3206	
					FUNCTION/SERVICE-	POWER CABLE PENET FOR CONTMT COOL FAN 2E (2RV005)						
	RV 2RV001	RCFC FAN/MOTOR	WEST. CSP	FRAME-558.5	X-2234		Z/24 590'-0''	C1	CONT. ABV	5298D31	M-535,M-302 F001	
					FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL							
	RV 2RV002	RCFC FAN/MOTOR	WEST. CSP	FRAME-558.5	X-2234		Z/23 590'-0''	C1	CONT. ABV	5298D31	M-535,M-302 F001	
					FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL							
	RV 2RV003	RCFC FAN/MOTOR	WEST. CSP	FRAME-558.5	X-2234		Z/20 590'-0''	C1	CONT. ABV	5298D31	M-535,M-302 F001	
					FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL							
	RV 2RV004	RCFC FAN/MOTOR	WEST. CSP	FRAME-558.5	X-2234		Z/34 590'-0''	C1	CONT. ABV	5298D31	M-535,M-302 F001	
					FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL							
	RV 2RV005	RCFC FAN/MOTOR	WEST. CSP	FRAME-558.5	X-2234		Z/31 590'-0''	C1	CONT. ABV	5298D31	M-535,M-302 F001	
					FUNCTION/SERVICE-CONTAINMENT/TEMPERATURE CONTROL							
	RV 2SV-RV100	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/34 590'-0''	C1	CONT. ABV		I401	
					FUNCTION/SERVICE-RCFC 2D ACCIDENT FLOW INLET DAMPER CONTROL							
	RV 2SV-RV101	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/34 590'-0''	C1	CONT. ABV		I401	
					FUNCTION/SERVICE-RCFC 2D NORMAL FLOW INLET DAMPER CONTROL							

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PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	CUL/RGW ELEVATN	CONTRM IN OUT	BUILD	FLO. LEV.	VENDOR DRAWING	S&L DRAWING	COMP NO
RV 2SV-RV102	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/34 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2D ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 2SV-RV103	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/32 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2E ACCIDENT FLOW INLET DAMPER CONTROL
RV 2SV-RV104	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/32 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2E NORMAL FLOW INLET DAMPER CONTROL
RV 2SV-RV105	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/32 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2E ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 2SV-RV91	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/24 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2A ACCIDENT FLOW INLET DAMPER CONTROL
RV 2SV-RV92	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/24 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2A NORMAL FLOW INLET DAMPER CONTROL
RV 2SV-RV93	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/24 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2A ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 2SV-RV94	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/22 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2B ACCIDENT FLOW INLET DAMPER CONTROL
RV 2SV-RV95	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/22 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2B NORMAL FLOW INLET DAMPER CONTROL
RV 2SV-RV96	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/22 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2B ACCIDENT FLOW OUTLET DAMPER CONTROL
RV 2SV-RV97	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/19 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2C ACCIDENT FLOW INLET DAMPER CONTROL
RV 2SV-RV98	3 WAY SOLEN. VALVE	ASCO	8300	X-2234		Z/19 590'-0''	C1	CONT.	ABV			1401
												FUNCTION/SERVICE-RCFC 2C NORMAL FLOW INLET DAMPER CONTROL

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RV 2SV-RV99	3 WAY SOLEN. VALVE	ASC0 8300	X-2234		Z/19 590'-0''	C1	CONT	ABV		I401
		FUNCTION/SERVICE-RCFC 2C ACCIDENT FLOW OUTLET DAMPER CONTROL								
RV 2ME-RV42	HUMIDITY SENSOR	TAYLOR 10H5	X-2286		Z/30 625'-0''	C1	CONT	ABV	M-536	M901
		FUNCTION/SERVICE:CONTAINMENT REGION A RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION A								
RV 2ME-RV43	HUMIDITY SENSOR	TAYLOR 10H5	X-2286		Z/18 625'-0''	C1	CONT	ABV	M-537	M901
		FUNCTION/SERVICE:CONTAINMENT REGION B RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION B								
RV 2ME-RV44	HUMIDITY SENSOR	TAYLOR 10H5	X-2286		Z/20 625'-0''	C1	CONT	ABV	M-538	M901
		FUNCTION/SERVICE:CONTAINMENT REGION C RELATIVE HUMIDITY INDICATION/CONT. REALATIVE HUMIDITY REGION C								
RV 2TE-RV42	RTD	ELEC. THERMO	3-WIRE	X-2242		C1			M-537	M904
		FUNCTION/SERVICE:CONTAINMENT REGION A TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION A								
RV 2TE-RV43	RTD	ELEC. THERMO	3-WIRE	X-2242		C1			M-537	M904
		FUNCTION/SERVICE:CONTAINMENT REGION B TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION B								
RV 2TE-RV44	RTD	ELEC. THERMO	3-WIRE	X-2242		C1			M-537	M904
		FUNCTION/SERVICE:CONTAINMENT REGION C TEMPERATURE INDICATION/CONTAINMENT TEMPERATURE REGION C								
RV 2EPO15	ELECT.PENET. E-15	D.G.O. TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	22E-2-3206	R014
		FUNCTION/SERVICE- INSTR CABLE PENET FOR RV SYS FAN COOLER MTR RTD'S								
		FUNCTION/SERVICE- INSTR CABLE PENET FOR RX CAVITY VENT FAN TEMP & CRD FAN TEMP								
RV 2EPO21	ELECT.PENET. E-21	D.G.O. TYPE 3.1	X-2308	113967	M/12 630	C-1	RB	R19D2226G	22E-2-3206	R016
		FUNCTION/SERVICE- CONTROL CABLE PENET FOR RV SYS RX CONTMT FAN COOLERS 2A & D								
RV 2EPO22	ELECT.PENET. E-22	D.G.O. TYPE 2.2	X-2308	113967	M/12 630	C-1	RB	R19D2224P	22E-2-3206	R017
		FUNCTION/SERVICE- POWER CABLE PENET FOR CONTMT COOL FAN 2D (2RVO04)								
RV 2EPO34	ELECT.PENET. E-34	D.G.O. TYPE 2.2	X-2308	113967	M/12 617	C-1	RB	R19D2224P	22E-2-3206	R018
		FUNCTION/SERVICE- POWER CABLE PENET FOR CONTMT COOL FAN 2B (2RVO02)								

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		MFR	TYPE					IN	OUT				
RV	2EPO45	ELECT. PENET. E-45	D.G.O. TYPE 4.1	4.1	X-2308	113967	M/12 617	C-1	RB		R19D2227G	22E-2-3206	RO19
			FUNCTION/SERVICE-										
			INSTR CA PENET FOR RV SYS CONTMT COOL FAN 2B 2E MIR RTD'S										
			FUNCTION/SERVICE-										
			INSTR CA PENET FOR CONTMT FAN COOLERS FAN 2A,B,D,E TEMP S										
RV	2EPO46	ELECT. PENET. E-46	D.G.O. TYPE 4.1	4.1	X-2308	113967	M/12 617	C-1	RB		R19D2227G	22E-2-3206	RO20
			FUNCTION/SERVICE-										
			INSTR CA PENET FOR RV SYS CONTMT COOL FAN 2C MIR RTD'S										
RV	2EPO49	ELECT. PENET. E-49	D.G.O. TYPE 3.1	3.1	X-2308	113967	M/12 617	C-1	RB		R19D2226	22E-2-3206	RO21
			FUNCTION/SERVICE-										
			CONTROL CABLE PENET FOR RV SYS CONTMT COOL FAN 2C CONTROL										
			FUNCTION/SERVICE-										
			CONT CA PENET FOR CONTMT PRES & VACUUM RELIEF ISOL VLV 2RVOO1.3										
RV	2EPO51	ELECT. PENET. E-51	D.G.O. TYPE 3.1	3.1	X-2308	113967	M/12 617	C-1	RB		R19D2226G	22E-2-3206	RO22
			FUNCTION/SERVICE-										
			CONTROL CABLE PENET FOR RV SYS CONTMT COOL FANS 2B & 2E										
RV	2EPO59	ELECT. PENET. E-59	D.G.O. TYPE 2.2	2.2	X-2308	113967	M/12 617	C-1	RB		R19D2224P	22E-2-3206	RO24
			FUNCTION/SERVICE-										
			POWER CABLE PENET FOR CONTMT COOL FAN 2C										
RV	2EPO04	ELECT. PENET. E-4	D.G.O. TYPE 2.2	2.2	X-2308	113967	M/12 630	C-1	RB		R19D2224P	22E-2-3206	RO26
			FUNCTION/SERVICE-										
			POWER CABLE PENET FOR CONTMT COOL FAN 2A (2RVOO1)										
RV	2RBO025	JUNCTION BOX	FISH-H EB-215	215	X-2329	119387	Z/33 590	C-1	RB			22E-2-3238	X085
			FUNCTION/SERVICE-CONTAINMENT FAN COOLER DAMPER 2RVOO5 SOL. CONTROL 2SV-RV103,4,5										
			FUNCTION/SERVICE-										
			CONTROL CABLE PENET FOR RV SYS CONTMT PRESS & VACUUM RELIEF ISOL VLVS 2RVOO1,3										
			FUNCTION/SERVICE-										
			INSTR CABLE PENET FOR RX CAVITY VENT FAN TEMP & CRD FAN TEMP										
			FUNCTION/SERVICE-										
			INSTR CA PENET FOR RV SYS CONTMT FAN COOLERS 2A,B,D,E TEMP										
SI	2MOV-S18800A	VALVE MOTOR OPERATOR	LIMIT SMB-00	00	G-676258	091710	Z/30 578'-0''	C1	CONT	ABV 136-117-1		M-521	A008
			FUNCTION/SERVICE:ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK										
SI	2MOV-S18800B	VALVE MOTOR OPERATOR	LIMIT SMB-00	00	G-676258	091710	Z/26 578'-0''	C1	CONT	ABV 136-117-1		M-521	A008
			FUNCTION/SERVICE:ACTUATES VALVE/TO LOOP COLD LEG FROM BORON INJ. TANK										
SI	2MOV-S18800C	VALVE MOTOR OPERATOR	LIMIT SMB-00	00	G-676258	091710	Z/34 578'-0''	C1	CONT	ABV 137-117-1		M-521	A008
			FUNCTION/SERVICE:ACTUATES VALVE/TO BORON INJ. TANK TO LOOP COLD LEG										



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SI	2MOV-S18800D	VALVE MOTOR OPERATOR	LIMIT	SMB-00	G-676258	91710	Z/31 578'-0''	C1	CONT	137-117-1	M-521	A008
					FUNCTION/SERVICE:ACTUATES VALVE/TO BORON INJ.TANK TO LOOP COLD LEG							
SI	2MOV-S1880BA	VALVE MOTOR OPERATOR	LIMIT	SMB-3-80	G-676258	91710	Z/29 571'-0''	C1	CONT	88-919	M-522	A010
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BB	VALVE MOTOR OPERATOR	LIMIT	SMB-3-80	G-676258	91710	Z/32 571'-0''	C1	CONT	88-919	M-522	A010
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BC	VALVE MOTOR OPERATOR	LIMIT	SMB-3-80	G-676258	91710	Z/21 571'-0''	C1	CONT	88-919	M-522	A010
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BD	VALVE MOTOR OPERATOR	LIMIT	SMB-3-80	G-676258	91710	Z/32 571'-0''	C1	CONT	88-919	M-522	A010
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BA	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z/29 571'-0''	C1	CONT	88-919	M-522	A013
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BB	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z/32 571'-0''	C1	CONT	88-919	M-522	A013
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BC	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z/21 571'-0''	C1	CONT	88-919	M-522	A013
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2MOV-S1880BD	LIMIT SWITCH	NAMCO	DX-2400	G-676258	91710	Z/32 571'-0''	C1	CONT	88-919	M-522	A013
					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM ACCUM TANK							
SI	2FT-0924	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/30 568'-0''	C1	CONT.	ABV	M-521,M-676	M102
					FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP A COLD INJECTION LINE							
SI	2FT-0925	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/26 568'-0''	C1	CONT.	ABV	M-521,M-676	M102
					FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP C COLD INJECTION LINE							
SI	2FT-0926	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/34 568'-0''	C1	CONT.	ABV	M-521,M-677	M102
					FUNCTION/SERVICE:COLD INJECTION FLOW INDICATION/LOOP D COLD INJECTION LINE							

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SI	2FT-0927	FLOW TRANSMITTER	F&P	10B2496 PBBABBB-NS	X-2200	104253	Z/32 568'-0''	C1	CONT.	ABV	M-521,M-677	M102
FUNCTION/SERVICE: COLD INJECTION FLOW INDICATION/LOOP B COLD INJECTION LINE												
SI	2PT-960	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/28 568'-0''	C1	CONT.	BEL	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A												
SI	2PT-961	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/28 568'-0''	C1	CONT.	ABV	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK A												
SI	2PT-962	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/23 568'-0''	C1	CONT.	ABV	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C												
SI	2PT-963	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/23 568'-0''	C1	CONT.	ABV	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK C												
SI	2PT-964	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/21 568'-0''	C1	CONT.	ABV	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D												
SI	2PT-965	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/21 568'-0''	C1	CONT.	BEL	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK D												
SI	2PT-966	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/31 568'-0''	C1	CONT.	BEL	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK B												
SI	2PT-967	PRESSURE TRANSMITTER	F&P	50EP1031 BCXA-NS	X-2200	104253	Z/32 568'-0''	C1	CONT.	BEL	M-522,M-676	M103
FUNCTION/SERVICE: ACCUM TANK PRESSURE INDICATION & ALARM/ACCUM TANK B												
SI	2LT-940A	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/29 568'-0''	C1	CONT.		M-522,M-676	M106
FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL												
SI	2LT-940B	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/29 568'-0''	C1	CONT.		M-522,M-676	M106
FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATION/CONTAIN. RECIRC. SUMP LEVEL												
SI	2LT-941A	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/30 568'-0''	C1	CONT.		M-522,M-676	M106
FUNCTION/SERVICE: CONTAINMENT RECIRC. SUMP LEVEL INDICATOR/CONTAIN. RECIRC. SUMP LEVEL												

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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
SI 21T-941B	LEVEL SWITCH	MAGTRL		X-2200	118633	Z/30 568'-0"	C1	CONT		M-522,M-676	M106
				FUNCTION/SERVICE-	CONTAINMENT RECIRC.	SUMP LEVEL	INDICATOR/CONTAIN.	RECIRC.	SUMP LEVEL		
SI 2EP006	ELECT.PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	22E-2-3206	R013
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TK 2B & 2D	PRESS	TRANSM	2PT965, 2PT967		
SI 2EP015	ELECT.PENET. E-15	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	22E-2-3206	R014
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TK 2A & 2D	PRESS	TRANSM	2PT961,3		
SI 2EP017	ELECT.PENET. E-17	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C-1	RB	R19D2226G	22E-2-3206	R015
				FUNCTION/SERVICE-	CONTROL CABLE PENET	FOR SI SYS VLVS 2A0V-SI8875,6,7,8,9 A & D					
SI 2EP021	ELECT.PENET. E-21	D.G.O.	TYPE 3.1	X-2308	113967	M/12 630	C-1	RB	R19D2226G	22E-2-3206	R016
				FUNCTION/SERVICE-	CONTROL CABLE PENET	FOR SI SYS VLVS 2A0V-SI8875,6,7,8,9 B,					
SI 2EP022	ELECT.PENET. E-22	D.G.O.	TYPE 2.2	X-2308	113967	M/12 630	C-1	RB	R19D2224P	22E-2-3206	R017
				FUNCTION/SERVICE-	POWER CABLE PENET	FOR SI SYS VLV 2MOV-SI8808B					
SI 2EP034	ELECT.PENLT. E-34	D.G.O.	TYPE 2.2	X-2308	113967	M/12 617	C-1	RB	R19D2224P	22E-2-3206	R018
				FUNCTION/SERVICE-	POWER CABLE PENET	FOR SI SYS VLVS 2MOV-SI8800B,BC					
SI 2EP045	ELECT.PENET. E-45	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	22E-2-3206	R019
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TANK 2D					
SI 2EP046	ELECT.PENET. E-46	D.G.O.	TYPE 4.1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	22E-2-3206	R020
				FUNCTION/SERVICE-	INSTR CABLE PENET	FOR SI SYS ACCUM TANK 2C					
SI 2EP049	ELECT.PENET. E-49	D.G.O.	TYPE 3.1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	22E-2-3206	R021
				FUNCTION/SERVICE-	CONT CA PENET	FOR SI SYS VLVS 2MOV-SI8800A,C,D,BA&D;2MOV-SI9009B,-SI8884D					
SI 2EP051	ELECT.PENET. E-51	D.G.O.	TYPE 3.1	X-2308	113967	M/12	C-1	RB	R19D2226G	22E-2-3206	R022
				FUNCTION/SERVICE-	CONT CA PENET	FOR SI SYS VLVS 2MOV-SI8800B,BC;2A0V-SI9008 A & B					

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COMPONENT/EQUIPMENT ID SHEET

SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CL CO P. J. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	F.I.D. BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
SI	2EPO52	ELECT. PENET. E-52	D.G.O.	TYPE 3.1	X-2308	11967	M/12 617	C-1	RB	R19D2226G	22E-2-3206	RO23
				FUNCTION/SERVICE-	CONT CA PENET FOR	SI	SYS VLVS 2A0V-SI8875C,6C,7C,8C,9C					
SI	2EPO59	ELECT. PENET. E-59	D.G.O.	TYPE 2.2	X-2308	11967	M/12 617	C-1	RB	R19D2224G	22E-2-3206	RO24
				FUNCTION/SERVICE-	PWR CA PENET FOR	SI	SYS VLVS 2M0V-SI8800A,C,D,8 A&D					
SI	2RBO044	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z23 590	C-1	RB		22E-2-3236	X116
				FUNCTION/SERVICE-ACCUM.	TANK 2C VENT STOP VALVE	2A0V-SI8875B						
SI	2RBO115	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 568	C-1	RB		22E-2-3232	X118
				FUNCTION/SERVICE-LOOP A	COLD LEG TEST 2A0V-SI8884D,ACCUM FILL SI PUMP TEST VLV	2A0V-SI8881,2						
SI	2RBO124	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	Z32 568	C-1	RB		22E-2-3233	X120
				FUNCTION/SERVICE-ACCUM TANK	2B VLVS 2A0V-SI8875D,76D,77D,78D,79D							
SI	2RBO130	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z21 568	C-1	RB		22E-2-3234	X122
				FUNCTION/SERVICE-ACCUM TANK	2D VLVS 2A0V-SI8875C,76C,77C,78C,79C							
SI	2RBO131	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z22 568	C-1	RB		22E-2-3234	X124
				FUNCTION/SERVICE-ACCUM TANK	2C VLVS 2A0V-SI8875B,76B,77B,78B,79B							
SI	2RBO132	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z29 568	C-1	RB		22E-2-3232	X126
				FUNCTION/SERVICE-ACCUM TANK	2A VLVS 2A0V-SI8875A,76A,77A,78A,79A							
SI	2RBO133	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 568	C-1	RB		22E-2-3232	X128
				FUNCTION/SERVICE-LOOP A-D	COLD LEG TEST VLVS 2A0V-SI8884C,D & SI9009A							
SI	2RBO229	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31 590	C-1	RB		22E-2-3237	X131
				FUNCTION/SERVICE-RHR PUMP	2B TEST LINE ISOL VLV 2A0V-SI8885B							
SI	2RBO225	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C-1	RB		22E-2-3237	X133
				FUNCTION/SERVICE-RHR PUMP	2A TEST LINE ISOL VLV 2A0V-SI8885A							
SI	2RBO307	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z26 568	C-1	RB		22E-2-3231	X135
				FUNCTION/SERVICE-LOOP C	HOT LEG TEST VLV 2A0V-SI9008D							

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SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT ID SHEET				CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
		COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC							
SI	2RB0308	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31 568	C-1	RB		22E-2-3233	X137
SI	2RB0309	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z30 590	C-1	RB		22E-2-3237	X139
SI	2RB0339	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z31 568	C-1	RB		22E-2-3233	X141
SI	2RB0340	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z28 568	C-1	RB		22E-2-3232	X143
SI	2RB0640	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z20 590	C-1	RB		22E-2-3239	X147
SI	2RB0641	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z27 590	C-1	RB		22E-2-3237	X148
SI	2RB0642	JUNCTION BOX	FISH-H	EB-215	X-2329	119387	Z21 590	C-1	RB		22E-2-3239	X149
VC	2EPO16	ELECT. PENET. E-16	D.G.O.	TYPE 3.1	X-2308	113967		C-1	RB		22E-2-3206	
VC	2A0V-VC8149B	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713		C1	CONT	S-13R032RB	M-517	B507
VC	2LCV-VC459	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713		C1	CONT		M-54	M505
VC	2LCV-VC460	SOLENOID OPERATOR	ASCO	LB-831654	676270	091713		C1	CONT		M-517	M505
VC	2EPO06	ELECT. PENET. E-6	D.G.O.	TYPE 4.1	X-2308	113967	M/12 630	C-1	RB	R19D2227G	2EE-2-3206	RO13

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COMPONENT/EQUIPMENT ID SHEET

PLANT (1) SHEET NUMBER	COMPONENT/ EQUIPMENT	MODEL NUMBER	PROCURE SPEC	REC'D. P.O. NO.	COL/ROW ELEVATION	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 2EP045	ELECT. PENET. E-15	D.G.O. TYPE 4-1	X-2308	113967	M/12 670	C-1	RB	R19D2227G	2EE-2-3206	RO14
		FUNCTION/SERVICE-	INST CABLE PENET FOR RCP 20 SEAL LEAK OFF FLOW & MTR RTD'S							
VC 2EP047	ELECT. PENET. E-17	D.G.O. TYPE 3-1	X-2308	113967	M/12 670	C-1	RB	R19D2226G	2EE-2-3206	RO15
		FUNCTION/SERVICE-	CONT CABLE PENET FOR SEAL LEAK OFF FLOW CONT							
		FUNCTION/SERVICE-	CONT CABLE PENET FOR VLVs 2ADV-VCB141, -VCB169							
VC 2EP021	ELECT. PENET. E-21	D.G.O. TYPE 3-1	X-2308	113967	M/12 670	C-1	RB	R19D2226G	2EE-2-3206	RO16
		FUNCTION/SERVICE-	CONT CABLE PENET FOR RCP 20 SEAL LEAK OFF FLOW CONT &							
		FUNCTION/SERVICE-	CONT CABLE PENET FOR VLVs 2ADV-VCB146, -VCB149C							
VC 2EP045	ELECT. PENET. E-45	D.G.O. TYPE 4-1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	2EE-2-3206	RO19
		FUNCTION/SERVICE-	CONT CABLE PENET FOR RCP 20 SEAL LEAK OFF FLOW & MTR RTD'S							
VC 2EP046	ELECT. PENET. E-46	D.G.O. TYPE 4-1	X-2308	113967	M/12 617	C-1	RB	R19D2227G	2EE-2-3206	RO20
		FUNCTION/SERVICE-	INST CABLE PENET FOR RCP 2A SEAL LEAK OFF AND MTR RTD'S							
VC 2EP049	ELECT. PENET. E-49	D.G.O. TYPE 3-1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	2EE-2-3206	RO21
		FUNCTION/SERVICE-	CONT CABLE PENET FOR RCP 2A SEAL LEAK OFF CONT							
		FUNCTION/SERVICE-	CONT CABLE PENET FOR VLVs 2ADV-VCB142, VCB147, -VCB149A							
VC 2EP051	ELECT. PENET. E-51	D.G.O. TYPE 3-1	X-2308	113967	M/12 617	C-1	RB	R19D2226G	2EE-2-3206	RO22
		FUNCTION/SERVICE-	CONT CABLE PENET FOR RCP 2B SEAL LEAK OFF CONT							
		FUNCTION/SERVICE-	CONT CABLE PENET FOR VLV 2ADV-VCB149B							
VC 2EP052	ELECT. PENET. E-52	D.G.O. TYPE 3-1	X-2308	113967		C-1	RB	R19D2226G	2EE- -	RO23
		FUNCTION/SERVICE-	CONTROL CABLE PENET FOR VC SYS VLVs 2ADV-B168B-D, -VCB141B-D							
VC 2RBO084	JUNCTION BOX	EB215			Z/20 590	C-1	RB		22E-2-3239	XO17
		FUNCTION/SERVICE-	RCP D STANDPIPE MAKEUP VLV 2ADV-VCB168C							
VC 2RBO094	JUNCTION BOX	EB215			Z/32 590	C-1	RB		22E-2-3238	XO18
		FUNCTION/SERVICE-	RCP D SEAL LEAKOFF ISOL VLV 2ADV-VCB141D							
VC 2RBO098	JUNCTION BOX	EB215			Z/31 590	C-1	RB		22E-2-3238	XO19
		FUNCTION/SERVICE-	RCP B STANDPIPE MAKEUP							

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID SY NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CEG P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	SAL DRAWING	COMP NO
VC 2RBO099	JUNCTION BOX		EB215			Z/29 590	C-1	RB		22E-2-3237	X020
			FUNCTION/SERVICE-	RCP A SEAL LEAKOFF		ISOL VLV	2A0V-VC8141A				
VC 2RBO100	JUNCTION BOX		EB215			Z/30 590	C-1	RB		22E-2-3237	X021
			FUNCTION/SERVICE-	RCP A STANDPIPE MAKEUP		VLV	2A0V-VC8168A				
VC 2RBO102	JUNCTION BOX		EB215			Z/24 590	C-1	RB		22E-2-3236	X022
			FUNCTION/SERVICE-	RCP C STANDPIPE MAKEUP		VLV	2A0V-VC8168B				
VC 2RBO103	JUNCTION BOX		EB215			Z/20 590	C-1	RB		22E-2-3239	X023
			FUNCTION/SERVICE-	RCP C SEAL LEAKOFF		ISOL VLV	2A0V-VC8141C				
VC 2RBO113	JUNCTION BOX		EB215			Z/24 590	C-1	RB		22E-2-3236	X024
			FUNCTION/SERVICE-	RCP B SEAL LEAKOFF		ISOL VLV	2A0V-VC8141B				
VC 2RBO173	JUNCTION BOX		EB215			Z/28 590	C-1	RB		22E-2-3237	X025
			FUNCTION/SERVICE-	EXCESS LETDOWN HEAT EXCH		ISOL VLV	2FCV-VC8381				
VC 2RBO174	JUNCTION BOX		EB215			Z/28 590	C-1	RB		22E-2-3237	X026
			FUNCTION/SERVICE-	VC SYS REMOTE OPER		VLV	2VC-B147, B169				
VC 2RBO175	JUNCTION BOX		EB215			Z/29 590	C-1	RB		22E-2-3237	X027
			FUNCTION/SERVICE-	CONT REMOTE OPER		VLV	2VC-8145				
VC 2RBO228	JUNCTION BOX		EB215			Z/30 590	C-1	RB		22E-2-3237	X028
			FUNCTION/SERVICE-	CONT LETDOWN ORIFICE		STOP VLV	2A0V-VC8149C				
VC 2RBO231	JUNCTION BOX		EB215			Z/30 590	C-1	RB		22E-2-3237	X029
			FUNCTION/SERVICE-	CONT LETDOWN ORIFICE		STOP VLV	2A0V-VC8149B				
VC 2RBO234	JUNCTION BOX		EB215			Z/30 590	C-1	RB		22E-2-3237	X030
			FUNCTION/SERVICE-	CONT LETDOWN ORIFICE		STOP VLV	2A0V-VC8149A				
VC 2RBO236	JUNCTION BOX		EB215			Z/29 590	C-1	RB		22E-2-3237	X031
			FUNCTION/SERVICE-	CONT REMOTE OPER		VLV	2A0V-VC8142				

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COMPONENT/EQUIPMENT ID SHEET

PLANT ID	COMPONENT/ EQUIPMENT	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
VC 2RBO238	JUNCTION BOX	EB215			Z/30	C-1	RB		22E-2-3237	X032
					590					
		FUNCTION/SERVICE-	EXCESS LETDOWN FLOW DIVERSION VLV 2A0V-VCB143							
		FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RCP 1C SEAL LEAKOFF FLOW CONT							
		FUNCTION/SERVICE-	CONTROL CABLE PENET FOR RCP 1A SEAL LEAKOFF FLOW CONT							
		FUNCTION/SERVICE-	CONT CABLE PENET FOR VLVS 1A0V-VCB141,-VCB168							

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APPENDIX D.3

QUALIFICATION DATA SHEETS

UNIT 2 "CONTAINMENT"

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SYSTEM

COMP/EQUIP 2EPO21/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		OUTSTANDING ITEMS/REMARKS		REMARKS	COMP NO
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	PLT DES	SPEC	QUAL	REF	REF	METHOD	OUTST	REMARKS	COMP NO	
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEF001	PROD & PRUTO TESTING										RO16
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEF002	PROD & PRUTO TESTING										RO16
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEF002	PROD & PRUTO TESTING										RO16
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEF003	PROD & PRUTO TESTING										RO16
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD & PRUTO TESTING										RO16
CHEM SPRAY		REPE005	NOT TESTED	X-2308			N/AVAIL NOT TESTED										RO16
SEISMIC				X-2308													RO16
AGING			NOT SPECIFIED	X-2308			N/AVAIL NOT AVAILABLE										RO16
SUBMERGENC			NOT SPECIFIED	X-2308			N/AVAIL NOT AVAILABLE										RO16

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SYSTEM

COMP/EQUIP ZEP049/ELECTRICAL PENETRATION E-49

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTSTANDING	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	REPE006	REPE006	ZDCA002 X-2308	DEPENDENT PROD & PROTO TESTING			R021
PRESS PSIA	ZONE C-1	REPE002	REPE007	REPE007	ZDCA002 X-2308	PROD & PROTO TESTING			R021
REL HUMID%	ZONE C-1	REPE003	REPE008	REPE008	ZDCA002 X-2308	PROD & PROTO TESTING			R021
RADIATION	ZONE C-1	REPE004	6.4X10E15	REPE004	ZDCA002 X-2308	PROD & PROTO TESTING			R021
DFE TIME MN	30 DAYS	1 YEAR	48 HOURS	REPE005	X-2308	PROD & PROTO TESTING			R021
CHEM SPRAY		REPE005	NOT TESTED	REPE005	X-2308	N/AVAIL NOT TESTED			R021
SEISMIC					X-2308				R021
AGING		NOT SPECIFIED			X-2308	N/AVAIL NOT AVAILABLE			R021
SUBMERGENCE		NOT SPECIFIED			X-2308	N/AVAIL NOT AVAILABLE			R021

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 2EPO51/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	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R022
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R022
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R022
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R022
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R022
CHEM SPRAY		REPE005	NOT TESTED		X-2308	1/AVAIL	NOT TESTED		R022
SEISMIC					X-2308				R022
AGING		NOT SPECIFIED			X-2308	1/AVAIL	NOT AVAILABLE		R022
SUBEMERGNC		NOT SPECIFIED			X-2308	4/AVAIL	NOT AVAILABLE		R022
OUTSTANDING ITEMS/REMARKS									

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

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				MDAR001					MRAR001	M801
PRESS PSIA	ZONE C1				MDAR001					MRAR001	M801
REL HUMID%	ZONE C1				MDAR001					MRAR001	M801
RADIATION	ZONE C1				MDAR001					MRAR001	M801
OPE TME MN											M801
CHEM SPRAY										MRAR001	M801
SEISMIC											M801
AGING										MRAR001	M801
SUBEMERGENC										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 2EP045/ELECTRICAL PENETRATION E-45

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	ENVIRONMENT SPECIFICATION	PLANT DESIGN	PLT DES SPEC	QUAL				
TEMP DEG F	REPE001	ZONE C-1	REPE006	X-2308	RDEP001	PROD & PROTO TESTING		RO19
PRESS PSIA	REPE002	ZONE C-1	REPE007	X-2308	RDEP002	PROD & PROTO TESTING		RO19
REL HUMID%	REPE003	ZONE C-1	REPE008	X-2308	RDEP002	PROD & PROTO TESTING		RO19
RADIATION	REPE004	ZONE C-1	6.4X10E15	X-2308	RDEP003	PROD & PROTO TESTING		RO19
OPE TIME MN	1 YEAR	30 DAYS	48 HOURS	X-2308		PROD & PROTO TESTING		RO19
CHEM SPRAY	REPE005		NOT TESTED	X-2308	N/AVAIL	NOT TESTED		RO19
SEISMIC				X-2308				RO19
AGING	NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO19
SUBMERCEN	NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO19



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SYSTEM FEEDWATER (FW)  
COMP/EQUIP FLOW TRANSMITTER  
MANUFACTURER FISCHER & PORTER  
MODEL 10B2491VCBB-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	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 TIME MN	RPS								M201
CHEM SPRAY									M201
SEISMIC								MRFW001	M201
AGING								MRFW001	M201
SUBMERGENC								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 & J10.16  
MRFW001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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

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SYSTEM FEEDWATER (FW)

COMP. EQUIP. PRESSURE TRANSMITTER

MANUFACTURER FISCHER & PORTER

MODEL 50EP10419C7A

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	DOCUMENTATION REFERENCE* QUAL	METHOD	QUALIFICATION	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE	T3	290 (2.5 HRS)	MOFW004		MOFW001	CONCURRENT				M204
PRESS. PSIA	ZONE	T3	75 (2.5 HRS)	MOFW004		MOFW001	CONCURRENT				M204
REL. HUMIDITY	ZONE	T3	100 (2.5 HRS)	MOFW004		MOFW001	CONCURRENT				M204
RADIATION	ZONE	T3	1.2E08 RADS	MOFW004		MOFW002	SEPARATE & COMPARTSN				M204
QRC TIME MIN		RP5								MRFW001	M204
CHEM. SPRAY		T3A									M204
SCHEMATIC										MRFW001	M204
AGING											M204

SUBMERGENT TUBS

OUTSTANDING TESTS PERFORMED  
 MOFW001 FRABER IN 1454 TEST REPORT F-C2633 NOV. 1969  
 MOFW002 FISCHER & PORTER D.P. NO. 2224-1 REPORT NO. 004 OCT. 22, 1973  
 MOFW004 FSAR 0100 00  
 MRFW001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 2EPO06/ELECTRICAL PENETRATION E-G

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		R013
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R013
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R013
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R013
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R013
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R013
SEISMIC					X-2308				R013
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R013
SUBMURGENT		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R013

OUTSTANDING ITEMS/REMARKS

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SYSTEM

CODE/EQUIP ZEP015/ELECTRICAL PENETRATION E-15

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	PLT DES	SPEC	
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTD TESTING												
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING												
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING												
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTD TESTING												
OPE TIME	MN 30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTD TESTING												
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED												
SEISMIC					X-2308														
AGING			NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE												
SUBMERGENC			NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE												
OUTSTANDING ITEMS/REMARKS																			



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SYSTEM

COMP/EQUIP 2FP045/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					
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002 X-2308 RDEP001	PROD & PROTO TESTING			R019
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING			R019
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING			R019
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308 RDEP003	PROD & PROTO TESTING			R019
OPF TBE MH	30 DAYS	1 YEAR	48 HOURS	X-2308	PROD & PROTO TESTING			R019
CHEM SPRAY		REPE005	NOT TESTED	X-2308 N/AVAIL	NOT TESTED			R019
SEISMIC				X-2308				R019
AGING		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE		R019
SUBMERGENCE		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE		R019
OUTSTANDING ITEMS/REMARKS								



SYSTEM

COMP/EQUIP 2EP046/ELECTRICAL PENETRATION E-20

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	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R020
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R020
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R020
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R020
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R020
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R020
SEISMIC					X-2308				R020
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R020
SUBMERC NC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R020
OUTSTANDING ITEMS/REMARKS									

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SYSTEM MAIN STEAM (MS)

COMP/LOOPT VALVE MOTOR OPERATOR/ORD. NO. 344351A5/N 100858A, 447026-EU, TYPE P, FR. MS6, 360/3/60, B INSUL., 1700RPM, S.F. 50

MANUFACTURER LIMITORQUE CONTROL

MODEL SMC-00-15

ACCURACY

PARAMETER	PLANT DESIGN	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
		ENVIRONMENT	SPECIFICATION				
TEMP DES F	ZONE C1			CDMS001			CDMS001 C501
PTESS PSIA	ZONE C1			CDMS001			CDMS001 C501
REL HUMID%	ZONE C1			CDMS001			CDMS001 C501
RADIATION	ZONE C1			CDMS001			CDMS001 C501
OPER TIME MIN							C501
CHEM SPRAY							CDMS001 C501
SEISMIC							C501
AGING							CDMS001 C501

SUBMERGENIC  
OUTSTANDING ITEMS/REMARKS

CDMS001 FSAR CHAPTER 6.0  
CDMS001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 2EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4-1

ACCURACY

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



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SYSTEM

COMP/QUIP DEPO36/ELECTRICAL PENETRATION E-20

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	KDEP001	PROD & PROTO TESTING				R020
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				R020
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				R020
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING				R020
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING				R020
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED				R020
SEISMIC					X-2308						R020
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE				R020
SUBURGENT		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE				R020

OUTSTANDING ITEMS/REMARKS





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SYSTEM: HEDR001 RANGE (HR)

COMP/EQUIP: NEUTRON DETECTOR

MANUFACTURER:

MODEL:

ACCRWAG:

QUALIFICATION DATA SHEET  
-ENVIRONMENT-

PARAMETER	PLATE DESIGN	QUALIFICATION SPECIFICATION	QUALIFICATION REFERENCE	PLT DES SPEC	QUAL METHOD	GUTS1	REMARKS	COMP NO
TEMP DEG F	ZONE C1		HDR001				HDR001	N201
PRESS PSIA	ZONE C1		HDR001				HDR001	N201
REL HUMID%	ZONE C1		HDR001				HDR001	N201
RADIATION	ZONE C1		HDR001				HDR001	N201
OPR TIME MQ	30 DAYS							N201
CHEM SPRAY							HDR001	N201
SEISMIC								N201
AGING							HDR001	N201
EMERGENCY	N/A							N201

OUTSTANDING ITEMS/REMARKS

HDR001 FSAR CHAPTER 6.0  
HDR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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POOR ORIGINAL



SYSTEM NEUTRON RANGE (NR)  
 COMP/EQUIP NEUTRON DETECTOR  
 MANUFACTURER  
 MODEL  
 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				NDNROO1					NDNROO1	N202
PRESS PSIA ZONE	C1				NDNROO1					NDNROO1	N202
REL HUMID% ZONE	C1				NDNROO1					NDNROO1	N202
RADIATION ZONE	C1				NDNROO1					NDNROO1	N202
OPE TIME MN	30 DAYS										N202
CHEM SPRAY										NDNROO1	N202
SEISMIC											N202
AGING										NDNROO1	N202
SUBEMERGENC											N202

OUTSTANDING ITEMS/REMARKS

NDNROO1 FSAR CHAPTER 6.0  
 NDNROO1 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		DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1			NDNR001				NDNR001	N203
PRESS PSIA ZONE	C1			NDNR001				NDNR001	N203
REL HUMID% ZONE	C1			NDNR001				NDNR001	N203
RADIATION ZONE	C1			NDNR001				NDNR001	N203
OPE TME MN	30 DAYS								N203
CHEM SPRAY								NDNR001	N203
SEISMIC									N203
AGING								NDNR001	N203
SUEMREGENC									N203

OUTSTANDING ITEMS/REMARKS

NDNR001 FSAR CHAPTER 6.0

NDNR001 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
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE C1				NDNRO01				NRNRO01	N204
REL PSIA	ZONE C*				NDNRO01				NRNRO01	N204
REL HUMID%					NDNRO01				NRNRO01	N204
RADIATION	ZONE C1				NDNRO01				NRNRO01	N204
OPR TIME MN	RPS									N204
CHEM SPRAY									NRNRO01	N204
SEISMIC										N204
AGING									NRNRO01	N204
EMERGENC										N204

OUTSTANDING ITEMS/REMARKS

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

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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP VALVE MOTOR OPERATOR/ORD.ND.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	
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			***	NO
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
OPE TME MN									CRR001	CO01
CHEM SPRAY									CRR001	CO01
SEISMIC									CRR001	CO01
AGING									CRR001	CO01
SUBMURGNC	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/ORB NO. 338959A, S/N: 105282, 447133, TYPE (P, FR 150, 290/460/3/60, 1700RPM, 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		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
OPER TIME MN									C002
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT		C002
CHEM SPRAY			PH 7.67						C002
SEISMIC								CRR001	C002
AGING								CRR001	C002
SUBMURGENCE	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 M56, 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	PLF DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1		298	CDRC001		CDRC002	CONCURRENT		C003
PRESS PSIA ZONE	C1		90	CDRC001		CDRC002	CONCURRENT		C003
REL HUMID% ZONE	C1		100	CDRC001		CDRC002	CONCURRENT		C003
RADIATION ZONE	C1		2.0E08 RADS	CDRC001		CDRC003	SEPARATE		C003
OPE TME MN									C003
CHEM SPRAY			1.5% BORIC ACID			CDRC002	CONCURRENT		C003
CHEM SPRAY			PH 7.67						C003
SEISMIC								CRR001	C003
AGING								CRR001	C003
SUBMURGNC	N/A								C003

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

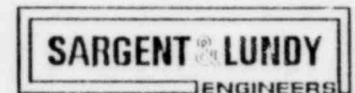
PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION METHOD	OUTST**	REMARKS ***	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL				
TEMP DEG F ZONE	C1			CDRC001					CRR001	C004
PRESS PSIA ZONE	C1			CDRC001					CRR001	C004
REL HUMID% ZONE	C1			CDRC001					CRR001	C004
RADIATION ZONE	C1		5.0E07 RADS	CDRC001		CDRC004				C004
OPE TIME MN									CRR001	C004
CHEM SPRAY									CRR001	C004
SEISMIC										C004
AGING									CRR001	C004
SUBMURGNC										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  
CRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)

COMP/EQUIP LIMIT SWITCH

MANUFACTUER NAMCO

MODEL DX2400

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			CDRC001				CRR001		C007
PRESS PSIA ZONE	C1			CDRC001				CRR001		C007
REL HUMID% ZONE	C1			CDRC001				CRR001		C007
RADIATION ZONE	C1			CDRC001				CRR001		C007
OPE TME MN								CRR001		C007
CHEM SPRAY								CRR001		C007
SEISMIC										C007
AGING								CRR001		C007
SUBMURGNC										C007

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	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1			MDRC004				MRRCO01	M301
PRESS PSIA ZONE	C1			MDRC004				MRRCO01	M301
REL HUMID% ZONE	C1			MDRC004				MRRCO01	M301
RADIATION ZONE	C1			MDRC004				MRRCO01	M301
OFF TIME MN	30 DAYS								M301
CHEM SPRAY								MRRCO01	M301
SEISMIC								MRRCO01	M301
AGING								MRRCO01	M301
SUBMERGENC								MRRCO01	M301

OUTSTANDING ITEMS/REMARKS

MDRC004 FSAR CHAPTER 6.0  
MRRCO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR COOLANT (RC)  
COMP/EQUIP FLOW TRANSMITTER  
MANUFACTURER FISCHER & PORTER  
MODEL 1002496PBBABBB-NS

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		290 (2.5 HRS)		MDRC004		MDRC001	CONCURRENT			M302
PRESS PSIA ZONE	C1		75 (2.5 HRS)		MDRC004		MDRC001	CONCURRENT			M302
RFL HUMID% ZONE	C1		100 (2.5 HRS)		MDRC004		MDRC001	CONCURRENT			M302
RADIATION ZONE	C1		1.2E+8 RADS		MDRC004		MDRC002	SEPARATE & COMPARISN			M302
OPE TME MN	30 DAYS										M302
CHEM SPRAY										MRRCO01	M302
SEISMIC										MRRCO01	M302
AGING										MRRCO01	M302
SUBMURGENC										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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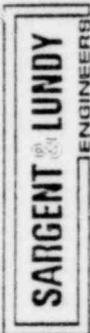
SYSTEM REACTOR COOLANT (RC)  
COMP/EQUIP PRESSURE TRANSMITTER  
MANUFACTURER FISCHER & PORTER  
MODEL 50EP1041BCXA-NS

ACCURACY

QUALIFICATION DATA SHEET										
PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	PLT DES	SPEC	REFERENCE QUAL	QUALIFICATION METHOD	OUTST**	REMARKS	CUMP NO
TEMP DEG F	ZONE C1		290 (2.5 HRS)	MURCO04		MURCO01	CONCURRENT	*****		M303
PRESS PSIA	ZONE C1		75 (2.5 HRS)	MURCO04		MURCO01	CONCURRENT			M303
REL HUMID%	ZONE C1		100 (2.5 HRS)	MURCO04		MURCO01	CONCURRENT			M303
RADIATION	ZONE C1		1.2E08 RADS	MURCO04		MURCO02	SEPARATE & COMPARISON			M303
OFF TIME MIN	30 DAYS									M303
CHIB SPRAY									MURCO01	M303
SELEPH									MURCO01	M303
AG-FFB									MURCO01	M303

ABBREVIATE  
DEFINITIONS ITEMS, REMARKS

MURCO04 FRABRI 10, INC. TEST REPORT F-C2630 NOV. 1969  
MURCO02 FISCHER & PORTER D.P. 10, 224-1 REPORT NO. 004 OCT. 27, 1973  
MURCO04 F&P CHAPTER 6.0  
MURCO01 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER



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		
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 2EPO06/ELECTRICAL PENETRATION E-6

MANUFACTURER V. G. O'BRIEN

MODEL TYPE J-1

ACCURACY

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		RO13
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO13
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO13
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO13
OPR TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO13
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO13
SEISMIC					X-2308				RO13
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO13
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO13

OUTSTANDING ITEMS/REMARKS



SYSTEM

COMP/EQUIP 2EPO15/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		R014
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R014
REL HUMIDZ	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R014
RADIATION	ZONE C-1	REPE004	6.4x10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R014
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R014
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R014
SEISMIC					X-2308				R014
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R014
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R014
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 2EPO21/ELECTRICAL PENETRATION E-21

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET			DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
	ENVIRONMENT SPECIFICATION	QUALIFICATION	PLT DES SPEC				
TEMP DEG F	REPE001	273 DEG. F	ZDCA002 X-2308	RDEP001	PROD & PROTD TESTING	RO16	
PRESS PSIA	REPE002	47 PSIG	ZDCA002 X-2308	RDEP002	PROD & PROTD TESTING	RO16	
REL HUMID%	REPE003	100%	ZDCA002 X-2308	RDEP002	PROD & PROTD TESTING	RO16	
RADIATION	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003	PROD & PROTD TESTING	RO16	
OPE TME MN	1 YEAR	48 HOURS	X-2308		PROD & PROTD TESTING	RO16	
CHEM SPRAY	REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED	RO16	
SEISMIC			X-2308			RO16	
AGING	NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE	RO16	
SUBURGENC	NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE	RO16	

OUTSTANDING ITEMS/REMARKS





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SYSTEM

COMP/EQUIP 2EPO45/ELECTRICAL PENETRATION I-45

MAL. ACTUER D.G. D'ERIEU

MODEL TYPE 4.1

ACCURACY

PARAMETER	PLANT DESIGN	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE	QUALIFICATION METHOD		REMARKS
		ENVIRONMENT	SPECIFICATION		PLT DES SPEC	QUAL	
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002 X-2308	RDEP001	PROD & PROTO TESTING	R019
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002 X-2308	RDEP002	PROD & PROTO TESTING	R012
REL HUMIDITY	ZONE C-1	REPE003	REPE008	ZDCA002 X-2308	RDEP002	PROD & PROTO TESTING	R019
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003	PROD & PROTO TESTING	R019
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS	X-2308		PROD & PROTO TESTING	R019
CHEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED	R019
SEISMIC				X-2308			R019
AGING		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE	R019
EMERGENTIC		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE	R019

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 2EPO46/ELECTRICAL PENETRATION E-20

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET			DOCUMENTATION REFERENCE*	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	ENVIRONMENT	PLANT DESIGN	SPECIFICATION					
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002 X-2308	RDEP001	PROD & PROTD TESTING		R020
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002 X-2308	RDEP002	PROD & PROTD TESTING		R020
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002 X-2308	RDEP002	PROD & PROTD TESTING		R020
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003	PROD & PROTD TESTING		R020
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308		PROD & PROTD TESTING		R020
CHEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED		R020
SEISMIC				X-2308				R020
AGING			NOT SPECIFIED	X-2308	N/AVAIL	NOT AVAILABLE		R020
SUBMERGENC			NOT SPECIFIED	X-2308	N/AVAIL	NOT AVAILABLE		R020

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 2EPG49/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 NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R021
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R021
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R021
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R021
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R021
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R021
SEISMIC					X-2308				R021
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R021
SUBMERCENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R021
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 2EPO51/ELECTRICAL PENETRATION E-51

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST	REMARKS	CMP NO
TEMP DEG F	ZONE C-1	REPE001		REPE006	ZDCA002	X-2308	RI	X01 PROD & PROTO TESTING				RO22
PRESS PSIA	ZONE C-1	REPE002		REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				RO22
REL HUMID%	ZONE C-1	REPE003		REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				RO22
RADIATION	ZONE C-1	REPE004		6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING				RO22
OPE TME MN	30 DAYS	1 YEAR		48 HOURS	X-2308			PROD & PROTO TESTING				RO22
CHEM SPRAY		REPE005		NOT TESTED	X-2308		N/AVAIL	NOT TESTED				RO22
SEISMIC					X-2308							RO22
AGING		NOT SPECIFIED			X-2308			N/AVAIL	NOT AVAILABLE			RO22
SUBMERGENC		NOT SPECIFIED			X-2308			N/AVAIL	NOT AVAILABLE			RO22
OUTSTANDING	ITEMS/REMARKS											

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SYSTEM

COMP/EQUIP 2EPO52/ELECTRICAL PENETRATION E-52

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				
PLANT DESIGN	REPE001	REPE002	REPE007	PLT DES SPEC			
TEMP DEG F ZONE C-1	REPE001	REPE002	REPE007	ZDCA002 X-2308	RDEP001 PROD & PROTD TESTING		R023
PRESS PSIA ZONE C-1	REPE002	REPE003	REPE008	ZDCA002 X-2308	RDEP002 PROD & PROTD TESTING		R023
REL HUMID% ZONE C-1	REPE003	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP002 PROD & PROTD TESTING		R023
RADIATION ZONE C-1	REPE004	1 YEAR	48 HOURS	ZDCA002 X-2308	RDEP003 PROD & PROTD TESTING		R023
OPE TIME MH 30 DAYS	REPE005	NOT TESTED		X-2308	PROD & PROTD TESTING		R023
CHEM SPRAY				X-2308	N/AVAIL NOT TESTED		R023
SEISMIC				X-2308			R023
AGING		NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE		R023
SUPMERGENC		NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE		R023

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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:T56, 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		REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**		
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 TIME 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	REMARKS	COMP
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1			ADRH002				ARRH001	A256
PRESS PSIA ZONE	C1			ADRH002				ARRH001	A256
REL HUMID% ZONE	C1			ADRH002				ARRH001	A256
RADIATION ZONE	C1			ADRH002				ARRH001	A256
OPF TIME MN								ARRH001	A256
CHEM SPRAY								ARRH001	A256
SEISMIC									A256
AGENTS								ARRH001	A256
EMERGENCY	N/A								A256

OUTSTANDING ITEMS/REMARKS

ADRH002 FSAR CHAPTER 6.0  
ARRH001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

COMP/EQUIP 2EPO21/ELECTRICAL PENETRATION E-21

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				
TEMP DEG F ZONE C-1	REPE001	2/3 DEG. F	ZDCA002	X-230B RDEP001	PROD & PROTO TESTING		RO16
PRESS PSIA ZONE C-1	REPE002	47 PSIG	ZDCA002	X-230B RDEP002	PROD & PROTO TESTING		RO16
REL HUMID% ZONE C-1	REPE003	100%	ZDCA002	X-230B RDEP002	PROD & PROTO TESTING		RO16
RADIATION ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-230B RDEP003	PROD & PROTO TESTING		RO16
OP'E TIME MN 30 DAYS	1 YEAR	48 HOURS		X-230B	PROD & PROTO TESTING		RO16
CHEM SPRAY	REPE005	NOT TESTED		X-230B N/AVAIL	NOT TESTED		RO16
SEISMIC				X-230B			RO16
AGING		NOT SPECIFIED		X-230B N/AVAIL	NOT AVAILABLE		RO16
SUBMERGENC		NOT SPECIFIED		X-230B N/AVAIL	NOT AVAILABLE		RO16
OUTSTANDING ITEMS/REMARKS							





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SYSTEM

COMP CODE: 2000000000 ORIGINAL PENETRATION F 22

MANUFACTURER: A. S. DEERLEN

MODEL: LIFE 7.2

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION DATA SHEET	PLT DES SPEC	QUALIFICATION METHOD	OUTST**	REMARKS COMP NO
TEMP DEG F	ZORB C-1	REPE001	REPE000	ZDCAG001	PROD & PROTO TESTING	*****	RO17
PRESS PSIA	ZORB C-1	REPE002	REPE001	ZDCAG002	PROD & PROTO TESTING	*****	RO17
REL HUMID%	ZORB C-1	REPE003	REPE002	ZDCAG003	PROD & PROTO TESTING	*****	RO17
RADIATION	ZORB C-1	REPE004	6.4X10E15	ZDCAG002	PROD & PROTO TESTING	*****	RO17
OPR TIME MH	30 DAYS	1 YEAR	48 HOURS	X-2308	PROD & PROTO TESTING	*****	RO17
CHEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL NOT TESTED	*****	RO17
SEISMIC		NOT SPECIFIED		X-2308		*****	RO17
AGING		NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE	*****	RO17
SUBURGENC		NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE	*****	RO17

OUTSTANDING ITEMS/REMARKS

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POOR ORIGINAL



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SYSTEM

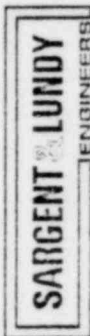
COMP/EQUIP DEPOST/ELECTRICAL PENETRATION E-51

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET													
PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION	REFERENCE	QUALIFICATION	REFERENCE	PLT DES	SPEC	QUAL	METHOD	OUTST	REMARKS	COMP
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD &	PROTO	TESTING				R022
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD &	PROTO	TESTING				R022
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD &	PROTO	TESTING				R022
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD &	PROTO	TESTING				R022
OPR TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD &	PROTO	TESTING				R022
CHEM SPRAY		REPE005	NOT TESTED	X-2308		N/AVAIL	NOT	TESTED					R022
SEISMIC				X-2308									R022
AGING		NOT SPECIFIED		X-2308		N/AVAIL	NOT	AVAILABLE					R022
SUEMERGENC		NOT SPECIFIED		X-2308		N/AVAIL	NOT	AVAILABLE					R022
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 200/260HP/1200/9.0RPM

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	QUALIFICATION DATA SHEET	DOCUMENTATION REFERENCE		QUALIFICATION METHOD	OUTSTANDING ITEMS	REMARKS
					PLT DES SPEC	QUAL			
TEMP DEG F	ZONE C1	271	308	FDRV007	FDRV004	FDRV004	CONCURRENT	NONE	FOO1
PRESS PSIA	ZONE C1	47	80	FDRV007	FDRV001	FDRV004	CONCURRENT	NONE	FOO1
REL HUMID%	ZONE C1	100	100	FDRV007	FDRV002	FDRV004	CONCURRENT	NONE	FOO1
RADIATION	ZONE C1	1.5E08	1.4E08	FDRV007	FDRV003	FDRV005	SEPARATE	NONE	FRRV001 FOO1
OPE TIME MN	30 DAYS								FOO1
CHEM SPRAY		2500PPM BORON	3000PPM BORON		FDRV003	FDRV004	CONCURRENT		FOO1
CHEM SPRAY		PH 9.5-10.0	PH 9.5-10.0						FOO1
SEISMIC									FOO1
AGING	40 YRS & ACCIDENT								FOO1

SUBMERGENC NOT APPLICABLE  
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'  
 FRRV001 THE RADIATION QUALIFICATION LEVEL IS CLOSE ENOUGH TO THE EXPECTED RADIATION LEVEL TO BE ACCEPTABLE



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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	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
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
SUBMERGENC	N/A								1401

OUTSTANDING ITEMS/REMARKS

IDRV001 FSAR CHAPTER 6.0  
IDRV003 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

-----ENVIRONMENT-----				DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP
PARAMETER	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD	OUTST**	*** NO
TEMP DEG F	ZONE	C1		MDR001					MRR001 M901
PRESS PSIA	ZONE	C1		MDR001					MRR001 M901
REL HUMID%	ZONE	C1		MDR001					MRR001 M901
RADIATION	ZONE	C1		MDR001					MRR001 M901
OPE TME MN									M901
CHEM SPRAY									MRR001 M901
SEISMIC									M901
AGING									MRR001 M901
SUBMURGNC	N/A								M901

OUTSTANDING ITEMS/REMARKS

-----  
MDR001 FSAR CHAPTER 6.0  
MRR001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM REACTOR CONTAINMENT VENT. (RV)  
COMP/EQUIP RESISTANCE TEMPERATURE DETECTOR  
MANUFACTUER 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				MDRV001					MRRV001	M904
PRESS PSIA ZONE	C1				MDRV001					MRRV001	M904
REL HUMID% ZONE	C1				MDRV001					MRRV001	M904
RADIATION ZONE	C1				MDRV001					MRRV001	M904
OPR TME MN											M904
CHEM SPRAY										MRRV001	M904
SEISMIC											M904
AGING										MRRV001	M904
SUBMERGENC	N/A										M904

OUTSTANDING ITEMS/REMARKS

MDRV001 FSAR CHAPTER 6.0  
MRRV001 INVESTIGATE EXISTENCE OF QUALIFICATION DATA WITH MANUFACTURER

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SYSTEM

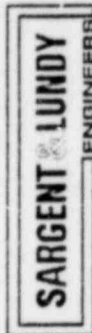
COMP/EQUIP 2EPO15/ELECTRICAL PENETRATION E-15

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 4-1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		PLANT DESIGN		SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE		QUALIFICATION METHOD		OUTSTANDING ITEMS/REMARKS		
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	CATION	PLT DES	SPEC	QUAL	REFERENCE	QUAL	METHOD	OUTST	REMARKS	COMP	NO	
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING									RO14
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RUEP002	PROD & PROTO TESTING									RO14
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING									RO14
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING									RO14
OPE TME MNI	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING									RO14
CHEM SPRAY		REPE005	NOT TESTED	X-2308		N/AVAIL	NOT TESTED									RO14
SEISMIC				X-2308												RO14
AGING			NOT SPECIFIED	X-2308		N/AVAIL	NOT AVAILABLE									RO14
SUBMURGENC			NOT SPECIFIED	X-2308		N/AVAIL	NOT AVAILABLE									RO14



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COMP/EQUIP ZEP021/ELECTRICAL PENETRATION E-21

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3 1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD		OUTST**		REMARKS COMP			
PARAMETER	PLANT DESIGN	REPE001	REPE002	REPE003	REPE004	1 YEAR	REPE005	NOT SPECIFIED	NOT SPECIFIED	PLT DES	SPEC	QUAL	PROD	PROT	TESTING	***	NO
TEMP DEG F	ZONE C-1	273 DEG. F								ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING				RO16
PRESS PSIA	ZONE C-1		47 PSIG							ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				RO16
REL HUMID%	ZONE C-1		100%							ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING				RO16
RADIATION	ZONE C-1		6.4X10E15							ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING				RO16
DPE TIME MIN	30 DAYS		48 HOURS							X-2308			PROD & PROTO TESTING				RO16
CHEM SPRAY			NOT TESTED							X-2308	N/AVAIL		NOT TESTED				RO16
SEISMIC										X-2308							RO16
AGING										X-2308	N/AVAIL		NOT AVAILABLE				RO16
SUBMURGIC										X-2308	N/AVAIL		NOT AVAILABLE				RO16
OUTSTANDING ITEMS/REMARKS										X-2308	N/AVAIL		NOT AVAILABLE				RO16





SYSTEM

COMP/EQUIP 2EPO22/ELECTRICAL PENETRATION E-22

MANUFACTURER D. G. D'BRIEN

MODEL TYPE 2.2

ACCURACY

QUALIFICATION DATA SHEET		QUALIFICATION		DOCUMENTATION REFERENCE		QUALIFICATION		METHOD		OUTST**		REMARKS COMP	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	PLT DES	SPEC	QUAL	PLT DES	SPEC	METHOD	OUTST**	REMARKS	COMP	NO
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD &	PROTO TESTING					R017
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD &	PROTO TESTING					R017
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD &	PROTO TESTING					R017
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD &	PROTO TESTING					R017
OPR TME MJ	30 DAYS	1 YEAR	48 HOURS	X-2308			PROD &	PROTO TESTING					R017
CHEM SPRAY		REPE005	NOT TESTED	X-2308		N/AVAIL	NOT TESTED						R017
SEISMIC				X-2308									R017
AGING		NOT SPECIFIED		X-2308		N/AVAIL	NOT AVAILABLE						R017
SUBMURGENT		NOT SPECIFIED		X-2308		N/AVAIL	NOT AVAILABLE						R017

OUTSTANDING ITEMS/REMARKS



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SYSTEM

COMP/EQUIP 2EPO34/ELECTRICAL PENETRATION E-34

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 2.2

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET				REMARKS	COMP NO
	ENVIRONMENT	PLANT DESIGN	ENVIRONMENT	QUALIFICATION		
TEMP DEG F	REPE001	ZONE C-1	REPE006	ZDCA002 X-2308 RDEP001	PROD & PROTO TESTING	RO18
PRESS PSIA	REPE002	ZONE C-1	REPE007	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING	RO18
REL HUMID%	REPE003	ZONE C-1	REPE008	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING	RO18
RADIATION	REPE004	ZONE C-1	6.4X10E15	ZDCA002 X-2308 RDEP003	PROD & PROTO TESTING	RO18
DPE TME MIN	1 YEAR	30 DAYS	48 HOURS	X-2308	PROD & PROTO TESTING	RO18
CHEM SPRAY	REPE005		NOT TESTED	X-2308 N/AVAIL	NOT TESTED	RO18
SEISMIC				X-2308		RO18
AGING	NOT SPECIFIED			X-2308 N/AVAIL	NOT AVAILABLE	RO18
SUBMERGENCE	NOT SPECIFIED			X-2308 N/AVAIL	NOT AVAILABLE	RO18

OUTSTANDING ITEMS/REMARKS



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SYSTEM

COMP/EQUIP 2EPO45/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	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R019
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R019
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R019
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R019
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R019
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R019
SEISMIC					X-2308				R019
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R019
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R019
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 2EP046/ELECTRICAL PENETRATION E-20

MANUFACTURER D. G. O'RILEY

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET		QUALIFICATION DATA SHEET		QUALIFICATION DATA SHEET	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	REFERENCE
TEMP DEGR ZONE C.1		REPE001		REPE006	ZDCA002 X-2308 REEPO01 PROD & PROTO TESTING
PRESS PSIA ZONE C.1		REPE002		REPE007	ZDCA002 X-2308 RDEF002 PROD & PROTO TESTING
REL HUMIDITY ZONE C.1		REPE003		REPE008	ZDCA002 X-2308 RDEF002 PROD & PROTO TESTING
RADIATION ZONE C.1		REPE004	6.4X10E15		ZDCA002 X-2308 RDEF003 PROD & PROTO TESTING
OPER TIME MIN 30 DAYS		1 YEAR		48 HOURS	X-2308 PROD & PROTO TESTING
COBALT SPRAY		REFF005		NOT TESTED	X-2308 N/AVAIL NOT TESTED
CEMENT					X-2308
ACIDS		NOT SPECIFIED			X-2308 N/AVAIL NOT AVAILABLE
ADHERENCE		NOT SPECIFIED			X-2308 N/AVAIL NOT AVAILABLE
DISSEMBLING ITEMS/REMARKS					X-2308 N/AVAIL NOT AVAILABLE

POOR ORIGINAL



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SYSTEM

COMP/EQUIP 2EPO49/ELECTRICAL PENETRATION E-49

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3-1

ACCURACY

QUALIFICATION DATA SHEET		ENVIRONMENT		DOCUMENTATION REFERENCE		QUALIFICATION		QUALIFICATION		METHOD		OUTST		REMARKS	
PARAMETER	PLANT DESIGN	SPECIFICATION	ENVIRONMENT	PLT DES	SPEC	QUAL	REFERENCE	PLT DES	SPEC	QUAL	METHOD	OUTST	NO	REMARKS	
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	RUEP001	PROD & PRTO TESTING								RO21
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RUEP002	PROD & PRTO TESTING								RO21
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RUEP002	PROD & PRTO TESTING								RO21
RADIATION	ZONE C-1	REPE004	6.4 X 10E15	ZDCA002	X-2308	RUEP003	PROD & PRTO TESTING								RO21
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PRTO TESTING								RO21
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED								RO21
SEISMIC					X-2308										RO21
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE								RO21
SUBMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE								RO21
OUTSTANDING ITEMS/REMARKS															



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SYSTEM

COMP/EQUIP ZEP051/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 NO
	ENVIRONMENT	SPECIFICATION	QUALIFICATION					
TEMP DEG F ZONE C-1	REPE001	REPE006	ZDCA002 X-2308	RDEP001 PROD & PROTO TESTING				R022
PRESS PSTA ZONE C-1	REPE002	REPE007	ZDCA002 X-2308	RDEP002 PROD & PROTO TESTING				R022
REL HUMID% ZONE C-1	REPE003	REPE008	ZDCA002 X-2308	RDEP002 PROD & PROTO TESTING				R022
RADIATION ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003 PROD & PROTO TESTING				R022
DPE TIME MIN 30 DAYS	1 YEAR	48 HOURS	X-2308	PROD & PROTO TESTING				R022
CHEM SPRAY	REPE005	NOT TESTED	X-2308	N/AVAIL NOT TESTED				R022
SEISMIC			X-2308					R022
AGING	NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE				R022
SUBMERGENC	NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE				R022
OUTSTANDING ITEMS/REMARKS								



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SYSTEM

COMP/EQUIP 2EPO59/ELECTRICAL PENETRATION E-59

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	ENVIRONMENT SPECIFICATION	PLANT DESIGN	PLT DES SPEC	QUAL				
TEMP DEG F	REPE001	ZONE C-1	ZDCA002	X-2308	RDEP001	PROD & PHOTO TESTING		R024
PRESS PSIA	REPE002	ZONE C-1	ZDCA002	X-2308	RDEP002	PROD & PHOTO TESTING		R024
REL HUMID%	REPE003	ZONE C-1	ZDCA002	X-2308	RDEP002	PROD & PHOTO TESTING		R024
RADIATION	REPE004	ZONE C-1	ZDCA002	X-2308	RDEP003	PROD & PHOTO TESTING		R024
OPER TIME MIN	1 YEAR	30 DAYS		X-2308		PROD & PHOTO TESTING		R024
CHEM SPRAY	REPE005			X-2308	N/AVAIL	NOT TESTED		R024
SEISMIC	NOT SPECIFIED			X-2308				R024
AGING	NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R024
EMERGENC	NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R024
OUTSTANDING ITEMS/REMARKS				X-2308	N/AVAIL	NOT AVAILABLE		R024



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SYSTEM

COMP/EQUIP 2EPO04/ELECTRICAL PENETRATION E-4

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	ENVIRONMENT SPECIFICATION	QUALIFICATION					
TEMP DEG F ZONE C-1	REPE001	REPE006	ZDCA002 X-2308 RDEP001 PROD & PROTO TESTING				R026
PRESS PSIA ZONE C-1	REPE002	REPE007	ZDCA002 X-2308 RDEP002 PROD & PROTO TESTING				R026
REL HUMID% ZONE C-1	REPE003	REPE008	ZDCA002 X-2308 RDEP002 PROD & PROTO TESTING				R026
RADIATION ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308 RDEP003 PROD & PROTO TESTING				R026
DPE TIME MN 30 DAYS	1 YEAR	48 HOURS	X-2308	PROD & PROTO TESTING			R026
CHEM SPRAY	REPE005	NOT TESTED	X-2308 N/AVAIL	NOT TESTED			R026
SEISMIC			X-2308				R026
AGING	NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE		R026
SUEMERGENC	NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE		R026

OUTSTANDING ITEMS/REMARKS

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SYSTEM SAFETY INJECTION (SI)

PUMP/EQUIP VALVE MOTOR OPERATOR/DRD NO. 345804A, S/N. 119138, 46349GV, TYPE P, FR 1956, 4633/3/60, R INSULATION, S.F. = 100 (MEG OHMS)

MANUFACTURER LIMITORQUE CONTROL

MODEL TYPE SMB-3

ACCURACY

PARAMETER	PLANT DESIGN SPECIFICATION	QUALIFICATION DATA SHEET ENVIRONMENT	DOCUMENTATION REFERENCE		QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
			PLT DES SPEC	QUAL				
TEMP DEG F	ZONE C1	298	ADS1002	ADS1003 CONCURRENT				ADS1003
PRESS PSIA	ZONE C1	90	ADS1002	ADS1003 CONCURRENT				ADS1003
REL HUMID%	ZONE C1	100	ADS1002	ADS1003 CONCURRENT				ADS1003
RADIATION	ZONE C1	2.0E08 RADS	ADS1002	ADS1004 SEPARATE				ADS1003
OPE TME MN								ADS1003
CHEM SPRAY		1.5% BORIC ACID		ADS1003 CONCURRENT				ADS1001 ADS1003
CHEM SPRAY		PH 7.67						ADS1001 ADS1003
SEISMIC								ADS1003
AGING								

EMERGENCY N/A

OUTSTANDING ITEMS/REMARKS

- ADS1002 FSAR CHAPTER 6.0
- ADS1003 FRANKLIN INST. TEST REPORT F-C232-01
- ADS1004 WCAP 7410-L SECT. 5 VOL. 1 OF 11
- ADS1001 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, ORD NO. 345804U, 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	ENVIRONMENT		QUALIFICATION	DOCUMENTATION REFERENCE		QUALIFICATION METHOD	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION		PLT DES	SPEC			
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	REMARKS	COMP	
		SPECIFICATION	QUALIFICATION	PL3	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
SUBMERGENC	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  
 MANUFACTUER FISCHER & PORTER  
 MODEL 10B2496

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS OUTST**	COMPL *** NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
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 & COMPARISN		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

REVISION 0  
DATE 01 MAY 80

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

ACCURACY

QUALIFICATION DATA SHEET

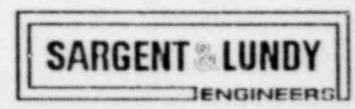
PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	REMARKS	COMP NO
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE	C1		290 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M103
PRESS PSIA ZONE	C1		75 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M103
REL HUMID/Z ZONE	C1		100 (2.5 HRS)	MDS1003		MDS1001	CONCURRENT		M103
RADIATION ZONE	C1		1.2E08 RADS	MDS1003		MDS1001	SEPARATE & COMPARISN		M103
OPE TME MH	30 DAYS								M103
CHEM SPRAY									M103
SEISMIC								MRS1001	M103
AGING								MRS1001	M103
SUBMURGNC	N/A							MRS1001	M103

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 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 METHOD	OUTST**	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION		PLT DES	SPEC	QUAL				
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
OPER TIME MN	30 DAYS										M106
CHEM SPRAY	N/A										M106
SEISMIC										MRS1002	M106
AGING										MRS1002	M106
SUBMURGENCE	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 2EP006/ELECTRICAL PENETRATION E 6

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4-1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET			DOCUMENTATION REFERENCE		QUALIFICATION METHOD	OUTST**	REMARKS COMP
	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DFS SPEC	QUAL			
TUMP DEG F	REPE001	273 DEG. F	ZDCA002 X-2308	RDEP001	PROD & PROTO TESTING			R013
PRESS PSIA	REPE002	47 PSIG	ZDCA002 X-2308	RDEP002	PROD & PROTO TESTING			R013
REL HUMID%	REPE003	100%	ZDCA002 X-2308	RDEP002	PROD & PROTO TESTING			R013
RADIATION	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003	PROD & PROTO TESTING			R013
DPE TIME MIN	1 YEAR	48 HOURS	X-2308		PROD & PROTO TESTING			R013
CHEM SPRAY	REPE005	NOT TESTED	X-2308	N/AVAIL	NOT TESTED			R013
SET MIC			X-2308					R013
AGING	NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE			R013
SUBMERGIC	NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE			R013

OUTSTANDING ITEM/REMARKS



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SYSTEM

COMP/EQUIP 2EP015/ELECTRICAL PENETRATION E-15

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4 1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS COMP
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	273 DEG. F	ZDCA002 X-2308 RDEP001	PROD & PROTO TESTING	*****	RO14
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	47 PSIG	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING	*****	RO14
REL HUMID%	ZONE C-1	REPE003	100%	100%	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING	*****	RO14
RADIATION	ZONE C-1	REPE004	6.4X10E15	6.4X10E15	ZDCA002 X-2308 RDEP003	PROD & PROTO TESTING	*****	RO14
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	48 HOURS	X-2308	PROD & PROTO TESTING	*****	RO14
CHEM SPRAY		REPE005	NOT TESTED	NOT TESTED	X-2308	N/AVAIL NOT TESTED	*****	RO14
SEISMIC					X-2308	N/AVAIL	*****	RO14
AGING		NOT SPECIFIED			X-2308	N/AVAIL NOT AVAILABLE	*****	RO14
SUBMURGENT		NOT SPECIFIED			X-2308	N/AVAIL NOT AVAILABLE	*****	RO14
OUTSTANDING ITEMS/REMARKS							*****	

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SYSTEM

COMP/EQUIP 2EFG17 ELECTRICAL PENETRATION E-17

MANUFACTURER D. G. OVERLEN

MODEL TYPE 3-1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE			QUALIFICATION	REMARKS	COMP NO
		SPECIFICATION	QUALIFICATION	PLT EIT	SPEC	QJAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R015
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R015
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R015
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R015
OPER TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R015
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R015
SEISMIC					X-2308				R015
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R015
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R015
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP ZEPO21/ELECTRICAL PENETRATION E-21

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	QUALIFICATION SPECIFICATION	PLT DES SPEC	REFERENCE QUAL METHOD	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG F	ZDCA002 X-2308	RDEP001 PRGD & PRDID TESTING				R016
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002 X-2308	RDEP002 PRGD & PRDID TESTING				R016
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002 X-2308	RDEP002 PRGD & PRDID TESTING				R016
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002 X-2308	RDEP003 PRGD & PRDID TESTING				R016
OPE TME MN	30 DAYS	1 YEAR	48 HOURS	X-2308	PRGD & PRDID TESTING				R016
CHEM SPRAY		REPE005	NOT TESTED	X-2308	N/AVAIL NOT TESTED				R016
SEISMIC				X-2308					R016
AGING		NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE				R016
EMERGENC		NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE				R016
OUTSTANDING	ITEMS/REMARKS								

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SYSTEM

COMP/EQUIP 2EPO22/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			OUTST**
TEMP DEG F	ZONE C-1	REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING			RO17
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZICA002	X-2308	RDEP002	PROD & PROTO TESTING			RO17
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING			RO17
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING			RO17
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING			RO17
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED			RO17
SEISMIC					X-2308					RO17
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE			RO17
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE			RO17
OUTSTANDING ITEMS/REMARKS										

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SYSTEM

COMP/EQUIP 2EP034/ELECTRICAL PENETRATION E-34

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	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO18
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO18
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO18
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO18
OPR TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		RO18
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		RO18
SEISMIC					X-2308				RO18
SAVING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO18
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		RO18
OUTSTANDING ITEMS/REMARKS									

SYSTEM

COMP/EQUIP 2EP045/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	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R019
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R019
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R019
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TEST, JG		R019
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R019
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R019
SEISMIC					X-2308				R019
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R019
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R019
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP. EQUIP 2EPO46/ELECTRICAL PENETRATION E-20

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4-1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	ADJ	REFERENCE	QUALIFICATION	METHOD	OUTST	REMARKS	COMP
TEMP DEG F	ZONE C-1	REPE001	REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING					R020
PRESS PSIA	ZONE C-1	REPE002	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					R020
REL HUMID	ZONE C-1	REPE003	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					R020
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING					R020
OPR TIME MW	30 DAYS	1 YEAR	REPE005	48 HOURS		X-2308		PROD & PROTO TESTING					R020
CHEM SPRAY		REPE005	REPE005	NOT TESTED		X-2309	N/AVAIL	NOT TESTED					R020
SEISMIC						X-2308							R020
AGING		NOT SPECIFIED				X-2308	N/AVAIL	NOT AVAILABLE					R020
SUBMERGENC		NOT SPECIFIED				X-2308	N/AVAIL	NOT AVAILABLE					R020

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 2EP049/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 NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F	ZONE C-1	REPE001	REPE005	ZDCA002	X-2308	RDEP001	PROD & PROTD TESTING		R021
PRESS PSIA	ZONE C-1	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R021
REL HUMID%	ZONE C-1	REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R021
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTD TESTING		R021
OPE TME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTD TESTING		R021
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R021
SEISMIC					X-2308				R021
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R021
SUBMURGNC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R021
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 2EPOS1/ELECTRICAL PENETRATION E 51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	DOCUMENTATION REFERENCE	QUALIFICATION METHOD	OUTSTANDING	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	REPE006	REPE006	ZDCA002 X-2308 RDEP001 PROD & PROTO TESTING				R022
PRESS PSIA	ZONE C-1	REPE002	REPE007	REPE007	ZDCA002 X-2308 RDEP002 PROD & PROTO TESTING				R022
REL HUMIDITY	ZONE C-1	REPE003	REPE008	REPE008	ZDCA002 X-2308 RDEP002 PROD & PROTO TESTING				R022
RADIATION	ZONE C-1	REPE004	6.4X10E15	6.4X10E15	ZDCA002 X-2308 RDEP003 PROD & PROTO TESTING				R022
OPER TIME MIN	30 DAYS	1 YEAR	48 HOURS	48 HOURS	X-2308	PROD & PROTO TESTING			R022
CHEM SPRAY		REPE005	NOT TESTED	NOT TESTED	X-2308 N/AVAIL NOT TESTED				R022
SEISMIC					X-2308				R022
AGING		NOT SPECIFIED			X-2308 N/AVAIL NOT AVAILABLE				R022
SUBMERGENCE		NOT SPECIFIED			X-2308 N/AVAIL NOT AVAILABLE				R022





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SYSTEM

COMP/EQUIP 2E052/ELECTRICAL PENETRATION E-52

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE*		QUALIFICATION METHOD	REMARKS	
	ENVIRONMENT	SPECIFICATION	PLT DES	SPEC QUAL			
TEMP DEG F	ZONE C-1	REPE001	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING	RO23
PRESS PSIA	ZONE C-1	REPE002	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	RO23
REL HUMID%	ZONE C-1	REPE003	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING	RO23
RADIATION	ZONE C-1	REPE004	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING	RO23
OPER TIME MN	30 DAYS	1 YEAR	X-2308			PROD & PROTO TESTING	RO23
CHEM SPRAY		REPE005	X-2308		N/AVAIL	NOT TESTED	RO23
SEISMIC			X-2308				RO23
AGING		NOT SPECIFIED	X-2308		N/AVAIL	NOT AVAILABLE	RO23
SUBMERGENC		NOT SPECIFIED	X-2308		N/AVAIL	NOT AVAILABLE	RO23

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP 2EFO59/ELECTRICAL PENETRATION E-59

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

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	REPE001	REPE006	ZDCA002	X-2308	RDEF001	PROD & PROTO TESTING					RO24
PRESS PSIA	ZONE C-1	REPE002	REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					RO24
REL HUMID%	ZONE C-1	REPE003	REPE003	REPE008	ZDCA002	X-2308	RDEF002	PROD & PROTO TESTING					RO24
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	ZDCA002	X-2308	RDEF003	PROD & PROTO TESTING					RO24
OPER TIME MIN	30 DAYS	REPE005	1 YEAR	48 HOURS	X-2308			PROD & PROTO TESTING					RO24
CHEM SPRAY		REPE005	REPE005	NOT TESTED	X-2308		N/AVAIL	NOT TESTED					RO24
SEISMIC					X-2308								RO24
AGING			NOT SPECIFIED		X-2308		N/AVAIL	NOT AVAILABLE					RO24
EMERGENCY			NOT SPECIFIED		X-2308		N/AVAIL	NOT AVAILABLE					RO24

OUTSTANDING ITEMS/REMARKS



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

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	ENVIRONMENT			DOCUMENTATION REFERENCE*			QUALIFICATION	OUTST**	REMARKS COMP	
	PLANT DESIGN	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		***	NO
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
OPER TIME MN									BRVCO01	B507
CHEM SPRAY									BRVCO01	B507
SEISMIC										B507
AGING									BRVCO01	B507
SUBMERGENC										B507

OUTSTANDING ITEMS/R. MARKS

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. REPE006/ELECTRICAL PENETRATION E-6

MANUFACTURER D. G. O'RIEN

MODEL TYPE 4.1

ACCURACY

QUALIFICATION DATA SHEET

PARAMETER	PLANT DESIGN	ENVIRONMENT		DOCUMENTATION REFERENCE*			QUALIFICATION METHOD	REMARKS OUTST**	COMPL *** NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL			
TEMP DEG F ZONE C-1		REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTD TESTING		R013
PRESS PSIA ZONE C-1		REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R013
REL HUMID% ZONE C-1		REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R013
RADIATION ZONE C-1		REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTD TESTING		R013
OPER TIME MIN TO DATE		1 YEAR	48 HOURS		X-2308		PROD & PROTD TESTING		R013
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R013
SEISMIC					X-2308				R013
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R013
SUBMERGENCE		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R013
OUTSTANDING ITEMS, REMARKS									

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SYSTEM

COMP/EQUIP 2EPO15/ELECTRICAL PENETRATION E-15

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 NO	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	REF	PROD	PROD	PROD	PROD	PROD	PROD	PROD	PROD	PROD	PROD	PROD	PROD	PROD
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD	8	PROTO TESTING												RO14
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD	5	PROTO TESTING												RO14
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD	8	PROTO TESTING												RO14
RADIATION	ZONE C-1	REPE004	6.4x10E15	ZDCA002	X-2308	RDEP003	PROD	5	PROTO TESTING												RO14
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS	X-2308		PROP	5	PROTO TESTING													RO14
CHEM SPRAY		REPE005	NOT TESTED	X-2308		N/AVAIL	NOT TESTED														RO14
SEISMIC				X-2308																	RO14
AGING			NOT SPECIFIED	X-2308		N/AVAIL	NOT AVAILABLE														RO14
SUBMERGENC			NOT SPECIFIED	X-2308		N/AVAIL	NOT AVAILABLE														RO14

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP ZEP017/ELECTRICAL PENETRATION E-17

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	REFERENCE	QUALIFICATION	METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001	273 DEG. F	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING					RO15
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					RO15
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING					RO15
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING					RO15
OPR TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING					RO15
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED					RO15
SEISMIC					X-2308							RO15
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE					RO15
SUBMURGENT		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE					RO15

OUTSTANDING ITEMS/REMARKS

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SYSTEM

COMP/EQUIP ZEPO21/ELECTRICAL PENETRATION E-21

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		R016
PRESS PSIA	ZONE C-1	REPE002	47 PSIG	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R016
REL HUMID%	ZONE C-1	REPE003	100%	ZDCA002	X-2308	RDEP002	PROD & PROTD TESTING		R016
RADIATION	ZONE C-1	REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTD TESTING		R016
OPE TIME MN	30 DAYS	1 YEAR	48 HOURS		X-2308		PROD & PROTD TESTING		R016
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R016
SEISMIC					X-2308				R016
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R016
SUBMURGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R016
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP 2FF045/ELECTRICAL PENETRATION E-45

MANUFACTURER D. G. O'BRIEN

MODEL TYPE 4.1

ACCURACY

PARAMETER	QUALIFICATION DATA SHEET		DOCUMENTATION REFERENCE		QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
	ENVIRONMENT	SPECIFICATION	PLT DES	SPEC QUAL				
TEMP DEG F	ZONE C-1	REPE001	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		RO19
PRESS PSIA	ZONE C-1	REPE002	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO19
REL HUMIDITY	ZONE C-1	REPE003	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		RO19
RADIATION	ZONE C-1	REPE004	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		RO19
OPE TME MN	30 DAYS	1 YEAR		X-2308		PROD & PROTO TESTING		RO19
CHEM SPRAY		REPE005		X-2308	N/AVAIL	NOT TESTED		RO19
SEISMIC				X-2308				RO19
AGING		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE		RO19
SUBMURGENC		NOT SPECIFIED		X-2308	N/AVAIL	NOT AVAILABLE		RO19





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SYSTEM

COMP/EQUIP 2EPO46/ELECTRICAL PENETRATION E-20

BARRE ACTUER D. G. O'BRIEN

MODEL TYPE 4-1

AIRCRAFT

QUALIFICATION DATA SHEET		ENVIRONMENT		PLANT DESIGN		SPECIFICATION		QUALIFICATION		DOCUMENTATION REFERENCE		QUALIFICATION METHOD		OUTST**		REMARKS COMP NO	
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	REF	TESTING	TESTING	TESTING	TESTING	TESTING	TESTING	TESTING	TESTING	TESTING
TEMP DEG F	ZONE C-1	REPE001	REPE001	REPE006	ZDCA002	X-2308	RDFP001	PROD & PROTD	TESTING								RO20
PRESS PSIA	ZONE C-1	REPE002	REPE002	REPE007	ZDCA002	X-2308	RDFP002	PROD & PROTD	TESTING								RO20
REL HUMID%	ZONE C-1	REPE003	REPE003	REPE008	ZDCA002	X-2308	RUEP002	PROD & PROTD	TESTING								RO20
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	7DCA002	X-2308	RUEP003	PROD & PROTD	TESTING								RO20
DPE TIME MN	30 DAYS	1 YEAR	REPE005	48 HOURS		X-2308		PROD & PROTD	TESTING								RO20
CHEM SPRAY		REPE005	REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED									RO20
SEISMIC						X-2308											RO20
AGING			NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE									RO20
SUBMERGENC			NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE									RO20

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SYSTEM

COMP/EQUIP 2EPO49/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 NO
		SPECIFICATION	QUALIFICATION	PLT DES	SPEC	QUAL	METHOD		
TEMP DEG F ZONE C-1		REPE001	REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R021
PRESS PSIA ZONE C-1		REPE002	REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R021
REL HUMID% ZONE C-1		REPE003	REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R021
RADIATION ZONE C-1		REPE004	6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R021
OPE TME MN 30 DAYS		1 YEAR	48 HOURS		X-2308		PROD & PROTO TESTING		R021
CHEM SPRAY		REPE005	NOT TESTED		X-2308	N/AVAIL	NOT TESTED		R021
SEISMIC					X-2308				R021
AGING		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R021
SUBMERGENC		NOT SPECIFIED			X-2308	N/AVAIL	NOT AVAILABLE		R021
OUTSTANDING ITEMS/REMARKS									

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SYSTEM

COMP/EQUIP DEPOS1/ELECTRICAL PENETRATION E-51

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

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	REPE001	REPE006	ZDCA002 X-2308 RDEP001	PROD & PROTO TESTING	*****	*****	RO22
PRESS PSIA	ZONE C-1	REPE002	REPE002	REPE007	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING	*****	*****	RO22
REL HUMID%	ZONE C-1	REPE003	REPE003	REPE008	ZDCA002 X-2308 RDEP002	PROD & PROTO TESTING	*****	*****	RO22
RADIATION	ZONE C-1	REPE004	REPE004	6.4X10E15	ZDCA002 X-2308 RDEP003	PROD & PROTO TESTING	*****	*****	RO22
OPF TIME MN	30 DAYS	1 YEAR	REPE005	48 HOURS	X-2308	PROD & PROTO TESTING	*****	*****	RO22
CHEM SPRAY		REPE005	REPE005	NOT TESTED	X-2308	N/AVAIL NOT TESTED	*****	*****	RO22
SEISMIC					X-2308		*****	*****	RO22
AGING			NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE	*****	*****	RO22
SUPERGENC			NOT SPECIFIED		X-2308	N/AVAIL NOT AVAILABLE	*****	*****	RO22
OUTSTANDING	ITEMS/REMARKS						*****	*****	RO22

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SYSTEM

COMP/EQUIP 2E052/ELECTRICAL PENETRATION E-52

MANUFACTURER D.G. O'BRIEN

MODEL TYPE 3.1

ACCURACY

QUALIFICATION DATA SHEET										
PARAMETER	PLANT DESIGN	ENVIRONMENT	SPECIFICATION	QUALIFICATION	PLT DES SPEC	REFERENCE	QUALIFICATION METHOD	OUTST**	REMARKS	COMP NO
TEMP DEG F	ZONE C-1	REPE001		REPE006	ZDCA002	X-2308	RDEP001	PROD & PROTO TESTING		R023
PRESS PSIA	ZONE C-1	REPE002		REPE007	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R023
REL HUMID%	ZONE C-1	REPE003		REPE008	ZDCA002	X-2308	RDEP002	PROD & PROTO TESTING		R023
RADIATION	ZONE C-1	REPE004		6.4X10E15	ZDCA002	X-2308	RDEP003	PROD & PROTO TESTING		R023
OPE TME MN	30 DAYS	1 YEAR		48 HOURS	X-2308			PROD & PROTO TESTING		R023
CHEM SPRAY		REPE005		NOT TESTED	X-2308		N/AVAIL	NOT TESTED		R023
SEISMIC					X-2308					R023
AGING		NOT SPECIFIED			X-2308		N/AVAIL	NOT AVAILABLE		R023
SURBERGENC		NOT SPECIFIED			X-2308		N/AVAIL	NOT AVAILABLE		R023

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APPENDIX D.4

IDENTIFICATION SHEETS

UNIT 2 "HARSH OUTSIDE CONTAINMENT"

COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/ EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	AP 2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-O-3064	Q030
*				FUNCTION/SERVICE-				POWER FEED FROM 480V SWGR	ESS BUS 238			
*	AP 2APO53	MOV HTRS- DIST.PNL-DIV 27	FISH-H B/M-C-45B		X-2329	119387	P/20 579	A-8 AUX			22E-O-3064	Q036
*				FUNCTION/SERVICE-				POWER FEED TO MOV HTRS				
*	AP 2APO54	MOV HTRS- DIST. PNL-DIV 28	FISH-H B/M-C-45B		X-2329	119387	P/20 579	A-8 AUX			22E-O-3064	Q037
*				FUNCTION/SERVICE-				POWER FEED TO MOV HTRS				
*	AV 2AV010	UNIT COOLER/ FAN MOTOR	WEST. 2 TYPE B/ 145 T FRAME		X-2281		L/14 579'-0''	A14 AUX	N/A		M-79	E003
*				FUNCTION/SERVICE-				RECIP. CHARGING PUMP/TEMPERATURE CONTROL				
*	AV 2AV011	UNIT COOLER/ FAN MOTOR	WEST. 3 TYPE B/ 182 T FRAME		X-2281		L/15 579'-0''	A14 AUX	N/A		M-79	E004
*				FUNCTION/SERVICE-				CENT. CHARGING PUMP/TEMPERATURE CONTROL				
*	AV 2AV012	UNIT COOLER/ FAN MOTOR	WEST. 3 TYPE B/ 182 T FRAME		X-2281		L/17 579'-0''	A14 AUX	N/A		M-79	E004
*				FUNCTION/SERVICE-				CENT. CHARGING PUMP/TEMPERATURE CONTROL				
*	AV 2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-O-3064	Q030
*				FUNCTION/SERVICE-				POWER SUPPLY FOR UNIT COOLER 2AV010				
*	CC 2AB0308	JUNCTION BOX					H/16 592	A-9 AUX			22E-O-3070	
*				FUNCTION/SERVICE-				CC PUMPS TEMPERATURE ALARM 2TIC-671A				
*	CC 2AB0309	JUNCTION BOX					K/19 592	A-9 AUX			22E-O-3069	
*				FUNCTION/SERVICE-				CC PUMPS TEMPERATURE ALARM 2TIC-671B				
*	CC 2AB0310	JUNCTION BOX					K/19 592	A-9 AUX			22E-O-3069	
*				FUNCTION/SERVICE-				CC PUMPS TEMPERATURE ALARM 2TIC-672				
*	CC 2AB0108	JUNCTION BOX					P/17 598	A12 AUX			22E-2-3207	
*				FUNCTION/SERVICE-				CC FROM LETDOWN DISCH STOP VLV 2A0V-CC9437				
*	CC 2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-O-3064	
*				FUNCTION/SERVICE-				POWER SUPPLY FOR CC SYS VLVS 2MOV-CC9413B, -CC9438				

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COMPONENT/EQUIPMENT ID SHEET

*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	CC 2MOV-CC9412A	VALVE MOTOR OPERATOR	LIMIT	SMB-00-15	G-676258		L/19 560'-0''	A15 AUX	N/A		M-523	C252
			FUNCTION/SERVICE: POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP									
*	CC 2MOV-CC9412B	VALVE MOTOR OPERATOR	LIMIT	SMB-00-15	G-676258		M/19 560'-0''	A15 AUX	N/A		M-523	C252
			FUNCTION/SERVICE: POWER UNIT FOR VALVE/FROM RH EXCH. TO CC PUMP									
*	CC 2AP053	MOV HTRS-DIST. PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q036
			FUNCTION/SERVICE- POWER SUPPLY FOR CC SYS MOV HTRS									
*	CC 2AP054	MOV HTRS-DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q037
			FUNCTION/SERVICE- POWER SUPPLY FOR CC SYS MOV HTRS									
*	CC 2LP58	REMOTE SHTDN PANEL DIV 28	FISH-H		X-2329		K/15 579	A-8 AUX			22E-0-3063	T018
			FUNCTION/SERVICE-CONTROL AND INDICATION FOR CC SYS PUMPS & VALVES									
*	CC 2LP59	CONTROL STA. DIV. 29	FISH-H		X-2329	119387	H/14 579	A-8 AUX			22E-0-3063	T019
			FUNCTION/SERVICE- CONT & INDIC FOR CC SYS PUMPS & VLVS									
*	CI 2AB0492	JUNCTION BOX					L/12 582	A-9 AUX			22E-2-3208	
			FUNCTION/SERVICE-STM GEN BLOWDOWN & M.U. WTR ANALY. SOL VLVS 2FCV-SS02,3,4&5									
*	CI 2RB0148	JUNCTION BOX	EB214				MST 570	T-4 RB			22E-2-3247	
			FUNCTION/SERVICE-STM GEN 2B BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS02									
*	CI 2RB0149	JUNCTION BOX	EB214				MST 570	T-4 RB			22E-2-3246	
			FUNCTION/SERVICE-STM GEN 2B BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS03									
*	CI 2RB0152	JUNCTION BOX	EB214				Z/25 570	T-3 RB			22E-2-3247	
			FUNCTION/SERVICE-STM GEN 2A BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS05									
*	CI 2RB0153	JUNCTION BOX	EB214				Z/25 570	T-3 RB			22E-2-3247	
			FUNCTION/SERVICE-STM GEN 2C BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS04									
*	CI 2RB0391	JUNCTION BOX	EB214				MST 570	T-4 RB			22E-2-3247	
			FUNCTION/SERVICE-STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS04&5									



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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
CI	2RBO392	JUNCTION BOX		EB214			MST 570	T-4 RB			22E-2-3246	
*												FUNCTION/SERVICE-STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS0283
CI	2AB0071						P/17 568	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-FP SYS CONTAINMENT ISOLATION VAVLVE 2FCV-FP08
CI	2AB0080	JUNCTION BOX					R/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- SA ISOL AIR OPER VLV 2FCV-SAO1A
CI	2AB0081	JUNCTION BOX					R/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- SA ISOL AIR OPER VLV 2FCV-SAO1B
CI	2AB0107	JUNCTION BOX					P/17 568	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- NONFILTER VENT HDR ISOL. VLV 2ADV-VNO2B
CI	2AB0112	JUNCTION BOX					P/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- RX COOLANT DRAIN TANK TO GAS ANALYZER ISOL VLV 2ADV-DT9159B
CI	2AB0118	JUNCTION BOX					P/17 574	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- RX COOLANT DRAIN PUMP DISCH ISOL VLV 2LCV-RC1003
CI	2AB0121	JUNCTION BOX					P/17 574	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- RX COOLANT DRAIN PUMP DISCH ISOL VLV 2ADV-DT9170
CI	2AB0145	JUNCTION BOX					R/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- RX COOLANT DRAIN TANK VENT ISOL VLV 2ADV-DT9160A
CI	2AB0146	JUNCTION BOX					R/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- RX COOLANT DRAIN TANK VENT ISOL VLV 2ADV-DT9160B
CI	2AB0148	JUNCTION BOX					R/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE- RX COOLANT DRAIN TANK TO GAS ANALYZER ISOL VLV 2ADV-DT9159A
CI	2AB0154	JUNCTION BOX					R/17 582	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-STM GEN BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS06

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COMPONENT/EQUIPMENT ID SHEET

* SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CFCD P.O. NO.	COL/ROW ELEVATN	CONTAIN IN OUT	FLD BUILD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	CI 2AB0155	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE-PRESS. STM SAMPLE ISOL.			VLV 2FCV-SS9354B				
*					FUNCTION/SERVICE-PRESS. LIQUID SAMPLE ISOL.			VLV 2FCV-SS9355B				
*					FUNCTION/SERVICE-REACTOR COOLANT HOT LEGS SAMPLE ISOL.			VLV 2FCV-SS9356B				
	CI 2AB0156	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE-PRESS. STM SAMPLE ISOL.			VLV 2FCV-SS9354A				
*					FUNCTION/SERVICE-PRESS. LIQUID SAMPLE ISOL.			VLV 2FCV-SS9355A				
*					FUNCTION/SERVICE-REACTOR COOLANT HOT LEGS SAMPLE ISOL.			VLV 2FCV-SS9356A				
	CI 2AB0166	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE-ACCUMULATOR TANKS SAMPLE ISOL.			VLV 2FCV-SS9357A				
	CI 2AB0167	JUNCTION BOX					P/17 590	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE-ACCUMULATOR TANKS SAMPLE ISOL.			VLV 2FCV-SS9357B				
	CI 2AB0171	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE-STM GEN BLOWDOWN ISOL.			VLV 2FCV-BD17				
	CI 2AB0259	JUNCTION BOX					R/17 574	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE- WASTE DISPOSAL SYS DISCH ISOL			VLV 2FCV-WD0017A				
	CI 2AB0260	JUNCTION BOX					P/17 574	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE- WASTE DISPOSAL SYS DISCH ISOL			VLV 2FCV-WD0017B				
	CI 2AB0263	JUNCTION BOX					R/17 574	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE- FILTER VENT HDR ISOL			VLV 2A0V-VF01B				
	CI 2AB0264	JUNCTION BOX					R/17 574	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE- FILTER VENT HDR ISOL			VLV 2A0V-VF01A				
	CI 2AB0265	JUNCTION BOX					P/17 574	A12 AUX			22E-2-3207	
*					FUNCTION/SERVICE- NONFILTER VENT HDR ISOL.			VLV 2FCV-VNO2A				
	CI 2K-2021	PULL BOX		EB214			P/17 584	A12 AUX			22E-2-3408	
*					FUNCTION/SERVICE- SIGNAL UPSTREAM, DOWNSTREAM RX COOLANT DRAIN PUMP DISCH			FLOW COMPUTER 2FQY-DT10				

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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 BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
	CI 2MOV-CC685	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710		A12 AUX	N/A	88414/1	M-523	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLANT PUMPS										
	CI 2MOV-CC9413A	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251		A12 AUX	N/A	93-13118	M-523	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT PUMPS FROM COMPONENT COOLING HEAT EXCH.										
	CI 2MOV-CC9413B	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251		A12 AUX	N/A	93-13118	M-523	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT PUMPS FROM COMPONENT COOLING HEAT EXCH.										
	CI 2MOV-CC9414	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251		A12 AUX	N/A	93-13118	M-523	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLING PUMPS										
	CI 2MOV-CC9438	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710		A12 AUX	N/A	88414/1	M-523	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM REACTOR COOLANT PUMPS										
	CI 2MOV-VC-8105	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/17 579'-0''	A12 AUX	N/A	88405-2	M-55	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO REGENERATIVE HEAT EXCH. FROM CHARGING PUMPS PUMPS										
	CI 2MOV-VC-8106	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/17 579'-0''	A12 AUX	N/A	88405-2	M-55	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/TO REGENERATIVE HEAT EXCH. FROM CHARGING PUMPS PUMPS										
	CI 2MOV-VC8100	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251		A12 AUX	N/A	93-13114	M-55	BOO1
		FUNCTION/SERVICE:ACTUATES VALVE/FROM REACTOR COOLANT PUMP & SEAL TO SEAL WATER HEAT EXCH.										
	CI 2MOV-CC9437	SOLENOID OPERATOR			G-676270	091713		A12 AUX	N/A	CP1-18-71RE	M-523	BOO2
		FUNCTION/SERVICE:ACTUATES VALVE/TO COMPONENT COOLING PUMPS FROM EXCESS LET DOWN HEAT EXCH.										
	CI 2MOV-FW0016	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-502	BOO3
		FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER										
	CI 2MOV-FW0017	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-502	BOO3
		FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER										
	CI 2MOV-FW0018	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-502	BOO3
		FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER										

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*	CI 2MOV-FW0019	VALVE MOTOR OPERATOR	LMTQ	SMB-2	X-2218	398321		A12 AUX	N/A	036790-4	M-502	BO03
			FUNCTION/SERVICE:ACTUATES VALVE/TO STEAM GENERATOR FROM H.P. HEATER									
*	CI 2A0V-BD0001	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0002	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0003	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0004	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0005	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0006	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0007	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-BD0008	SOLENOID OPERATOR	ASCO	HPX-8320A25	X-2298	113420		A12 AUX	N/A		M-45	BO04
			FUNCTION/SERVICE:ACTUATES VALVE/TO BLOWDOWN CONDENSER FROM STEAM GENERATORS OWN HEAT EXCH.									
*	CI 2A0V-LCV-DT1003	SOLENOID OPERATOR	ASCO	LB-83146	G-676381	086075		A12 AUX	N/A	WAPD-CV-SS-8R	M-87	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO HOLDUP TANK FROM REACTOR COOLANT DRAIN PUMP									
*	CI 2A0V-RC8025	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-53	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK									
*	CI 2A0V-RC8026	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-53	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/AUTO GAS ANALYZER FROM PRESS.RELIEF TANK									



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*	CI 2A0V-RC8028	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075		A12 AUX	N/A	WAPD-CS-SS-8R		BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK									
*	CI 2A0V-RC8029	SOLENOID OPERATOR	ASCO	FT-831657	G-676281	086075		A12 AUX	N/A	WAPD-CS-SS-8R		BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM PRIMARY WATER STORAGE TANK									
*	CI 2A0V-RC8033	SOLENOID OPERATOR	ASCO	LB-83146	G-676281	086075		A12 AUX	N/A	WAPD-CV-SS-2R		BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD									
*	CI 2A0V-SS9354A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE									
*	CI 2A0V-SS9354B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. STEAM SAMPLE HEAT EXCH. FROM PRESS. STEAM SPACE									
*	CI 2A0V-SS9355A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE									
*	CI 2A0V-SS9355B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. LIQUID SAMPLE HEAT EXCH. FROM PRESS. LIQUID SPACE									
*	CI 2A0V-SS9356A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D									
*	CI 2A0V-SS9356B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO REACTOR COOLANT SAMPLE HEAT EXCH. FROM LOOPS A,B,C,D									
*	CI 2A0V-SS9357A	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES									
*	CI 2A0V-SS9357B	SOLENOID OPERATOR	ASCO	LB-83146	G-676270	130000		A12 AUX	N/A	CP1-1-52	M-74-1	BO05
			FUNCTION/SERVICE:ACTUATES VALVE/TO SAMPLING HOOD FROM ACCUMULATOR SAMPLES									
*	CI 2A0V-VC-8152	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075		A12 AUX	N/A	WAPD-CV-SS-2R		BO06
			FUNCTION/SERVICE:ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD									

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*	CI 2A0V-VC-8153	SOLENOID OPERATOR	ASCO	LB-831654	G-676281	086075		A 12 AUX	N/A	WAPD-CV-SS-2R		B006
*			FUNCTION/SERVICE: ACTUATES VALVE/TO PRESS. RELIEF TANK FROM NITROGEN MANNIFOLD									
*	CI 2FCV-BD17	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-FP08	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-IA01A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-IA01B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR19A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR19B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR20A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR20B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR21A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR21B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									
*	CI 2FCV-PR22A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296			A 12 AUX	N/A			B007
*			FUNCTION/SERVICE:									

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*	CI 2FCV-PR22B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-PR23A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-PR23B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-PR24A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-PR24B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-RV111	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-RV112	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-RV113	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-RV114	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-SAO1A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-SAO1B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										
*	CI 2FCV-SSO2	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
				FUNCTION/SERVICE :										

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CI	2FCV-SS03	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-SS04	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-SS05	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-VFO1A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-VFO1B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-VNO2A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-VNO2B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-WD17A	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CI	2FCV-WD17B	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296					A12	AUX	N/A		B007
			FUNCTION/SERVICE:											
CS	2LS-CS44	LEVEL INDICATOR SWITCH	ENDRES HOUSER		CECO		K/17 592'-0''			A9	AUX	N/A	M-514,M-293	M003
			FUNCTION/SERVICE:SRAY ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL											
CS	2LS-CS45	LEVEL INDICATOR SWITCH	ENDRES HOUSER		CECO		K/17 592'-0''			A9	AUX	N/A	M-514,M-293	M003
			FUNCTION/SERVICE:SRAY ADD TANK LEVEL INDICATION & ALARM/SPRAY ADDITIVE TANK LEVEL											
CS	2AP053	MOV HTRS-DIST.PNL-DIV 27	FISH-H B/M-C-458		X-2329	119387	P/20 579			A-8	AUX		22E-0-3064	Q036
			FUNCTION/SERVICE- POWER SUPPLY FOR CS SYS MOV HTRS											

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*	CS 2A0054	MOV HTRS-DIST. PNL-DIV 28	FISH-H B/M-C-458		X-2329	119387	P/20 579		A-8 AUX		22E-0-3064	0037
*		FUNCTION/SERVICE- POWER SUPPLY FOR CS SYS MOV HTRS										
*	FW 2A0091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579		A-8 AUX		22E-0-3064	
*		FUNCTION/SERVICE-										
*	FW 2A00309	JUNCTION BOX					K/19 592		A-9 AUX		22E-0-3069	
*		FUNCTION/SERVICE-BORIC ACID CHG. PUMP CONT. FLOW TRANSMITTER 2FT183										
*		FUNCTION/SERVICE-FEED SEAL WATER FLOW INDICATOR TRANSMITTER 2FIT-156,106										
*	FW 2A00310	JUNCTION BOX					K/19 592		A-9 AUX		22E-0-3069	
*		FUNCTION/SERVICE-BORIC ACID TANK OC TEMP INDICATOR CONTROL 2TIC-103										
*		FUNCTION/SERVICE-FEED SEAL WATER FLOW INDICATOR TRANSMITTER 2FIT-155,159										
*	FW 2A00082	JUNCTION BOX					G/19 579		A12 AUX		22E-0-3062	
*		FUNCTION/SERVICE-										
*	FW 2A00083	JUNCTION BOX					G/19 579		A12 AUX		22E-0-3062	
*		FUNCTION/SERVICE-										
*	FW 2A00085	JUNCTION BOX					H/17 579		A12 AUX		22E-0-3062	
*		FUNCTION/SERVICE-										
*	FW 2A00086	JUNCTION BOX					H/17 579		A12 AUX		22E-0-3062	
*		FUNCTION/SERVICE-										
*	FW 2A00463	JUNCTION BOX					P/18 579		A12 AUX		22E-0-3064	
*		FUNCTION/SERVICE-										
*	FW 2A00469	JUNCTION BOX					P/18 579		A12 AUX		22E-0-3064	
*		FUNCTION/SERVICE-										
*	FW 2A00493	JUNCTION BOX					P/17 590		A12 AUX		22E-2-3207	
*		FUNCTION/SERVICE-										



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	FW 2AB0494	JUNCTION BOX					P/17 590		A12	AUX		22E-2-3207	
*												FUNCTION/SERVICE-	
	FW 2AB0503	JUNCTION BOX					P/17 582		A12	AUX		22E-2-3207	
*												FUNCTION/SERVICE-	
	FW 2AB0508	JUNCTION BOX					P/17 598		A12	AUX		22E-2-3207	
*												FUNCTION/SERVICE-	
	FW 2AB0509	JUNCTION BOX					R/17 582		A12	AUX		22E-2-3207	
*												FUNCTION/SERVICE-	
	FW 2AB0510	JUNCTION BOX					P/17 574		A12	AUX		22E-2-3207	
*												FUNCTION/SERVICE-	
	FW 2FW005	PUMP MOTOR UNIT	WEST	HSDP	X-2247 X-2200		H/17 579'-0''	A8	AUX	N/A	FC-45796	M-502	B751
*												FUNCTION/SERVICE:ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN	
	FW 2FW006	PUMP MOTOR UNIT	WEST	HSDP	X-2247 X-2200		H/17 579'-0''	A8	AUX	N/A	FC-45796	M-502	B751
*												FUNCTION/SERVICE:ACTUATES PUMP/AUX FW PUMP MOTOR DRIVEN	
	FW 2FW004	PUMP MOTOR UNIT	WEST	SBDP	X-2247 X-2200		H/18 579'-0''	A8	AUX	N/A	FC-45801-0	M-502	B752
*												FUNCTION/SERVICE:ACTUATES PUMP/AUX FW PUMP TURBINE DRIVEN	
	FW 2MOV-FW0075	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/18 579'-0''	A8	AUX	N/A	037404	M-37-2	F755
*												FUNCTION/SERVICE:ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY	
	FW 2MOV-FW0074	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/17 579'-0''	A8	AUX	N/A	037430-2	M-37-2	B756
*												FUNCTION/SERVICE:ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY	
	FW 2MOV-FW0076	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	H/17 579'-0''	A8	AUX	N/A	037430-2	M-37-2	B756
*												FUNCTION/SERVICE:ACTUATES VALVE/ISO. BETWEEN COND. FW SUPPLY & SERVICE WATER SUPPLY	
	FW 2MOV-FW0050	VALVE MOTOR OPERATOR	LMTQ	SMB-0	X-2218	398321	P/16 600'-0''	A12	AUX	N/A	037420-6	M-502	B757
*												FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS	

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*	FW 2MOV-FW0051	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 600'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2MOV-FW0052	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 583'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2MOV-FW0053	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 583'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2MOV-FW0054	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/17 576'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2MOV-FW0055	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 579'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2MOV-FW0056	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 597'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2MOV-FW0057	VALVE MOTOR OPERATOR	LMTQ	SMB-O	X-2218	398321	P/16 597'-0''	A12	AUX	N/A	037420-6	M-502	B757
*		FUNCTION/SERVICE:ACTUATES VALVE/FROM MOTOR DRIVEN AUX FW PUMPS TO STEAM GENERATORS											
*	FW 2FI-FW02B	FLOW INDICATOR	WEST	VX-252	X-2200		J/16 579'-0''	AB	AUX	N/A			M210
*		FUNCTION/SERVICE:AUX FW TO SG A FLOW INDICATION/AUX FW TO SG A											
*	FW 2FI-FW03B	FLOW INDICATOR	WEST	VX-252	X-2200		J/16 579'-0''	AB	AUX	N/A			M210
*		FUNCTION/SERVICE:AUX FW TO SG B FLOW INDICATION/AUX FW TO SG B											
*	FW 2FI-FW04B	FLOW INDICATOR	WEST	VX-252	X-2200		J/16 579'-0''	AB	AUX	N/A			M210
*		FUNCTION/SERVICE:AUX FW TO SG C FLOW INDICATION/AUX FW TO SG C											
*	FW 2FI-FW25B	FLOW INDICATOR	WEST	VX-252	X-2200		J/24 579'-0''	AB	AUX	N/A			M210
*		FUNCTION/SERVICE:AUX FW TO SG D FLOW INDICATION/AUX FW TO SG D											
*	FW 2PI-0514B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	AB	AUX	N/A		M-500	M210
*		FUNCTION/SERVICE:SG A STEAM PRESSURE INDICATION/SG A STEAM											

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*	FW 2PI-0524B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	AB	AUX	N/A		M-500	M210
*							FUNCTION/SERVICE: SG B STEAM PRESSURE INDICATION/SG B STEAM						
*	FW 2PI-0534B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	AB	AUX	N/A		M-500	M210
*							FUNCTION/SERVICE: SG C STEAM PRESSURE INDICATION/SG C STEAM						
*	FW 2PI-0544B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	K/15 579'-0''	AB	AUX	N/A		M-500	M210
*							FUNCTION/SERVICE: SG D STEAM PRESSURE INDICATION/SG D STEAM						
*	FW 2AP053	MOV HTRS-DIST. PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8	AUX			22E-0-3064	Q036
*							FUNCTION/SERVICE-						
*	FW 2AP054	MOV HTRS-DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8	AUX			22E-0-3064	Q037
*							FUNCTION/SERVICE-						
*	FW 2LP58	REMOTE SHTDN PANEL DIV 28	FISH-H		X-2329		K/15 579	A-8	AUX			22E-0-3063	T018
*							FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS PUMPS & VALVES						
*	FW 2LP59	CONTROL STA. DIV. 29	FISH-H		X-2329	119387	H/14 579	A-8	AUX			22E-0-3063	T019
*							FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES						
*	FW 2LP60	CONTROL STA. BOP	FISH-H		X-2329	119387	K/16 579	A-8	AUX			22E-0-3063	T020
*							FUNCTION/SERVICE-CONTROL AND INDICATION FOR FW SYS PUMPS AND VALVES						
*	IA 2AB0112	JUNCTION BOX					P/17 598	A12	AUX			22E-2-3207	
*							FUNCTION/SERVICE- INSTR AIR ISOL VLV 2FCV-IA01B						
*	IA 2AB0147	JUNCTION BOX					R/17 598	A12	AUX			22E-2-3207	
*							FUNCTION/SERVICE- INSTR AIR ISOL VLV 2FCV-IA01A						
*	IP 2AB0308	JUNCTION BOX					H/16 592	A-9	AUX			22E-0-3070	
*							FUNCTION/SERVICE-						
*	IP 2AB0309	JUNCTION BOX					K/19 592	A-9	AUX			22E-0-3069	
*							FUNCTION/SERVICE-						

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*	IP 2AB0310	JUNCTION BOX					H/16 592			A-9 AUX		22E-0-3069	
*													
	IP 2AB0311	JUNCTION BOX					H/14 592			A-9 AUX		22E-0-3070	
*													
	IW 2AB0115	JUNCTION BOX					P/17 568			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0116	JUNCTION BOX					R/17 568			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0117	JUNCTION BOX					P/17 568			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0118	JUNCTION BOX					P/17 574			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0119	JUNCTION BOX					P/17 568			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0120	JUNCTION BOX					P/17 568			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0121	JUNCTION BOX					P/17 574			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0122	JUNCTION BOX					P/17 568			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2AB0123	JUNCTION BOX					P/17 574			A12 AUX		22E-2-3207	
*					SEAL WATER ISOL								
	IW 2FCV-IW08	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347				A12 AUX	N/A	CP-1235-9A	M-512 B251
*													
					FUNCTION/SERVICE: ACTUATES VALVE/FROM ISOL. SEAL WATER STORAGE TANK								



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*	IW 2FCV-IW09	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	IW 2FCV-IW10	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	IW 2FCV-IW11	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	IW 2FCV-IW12	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	IW 2FCV-IW13	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	IW 2FCV-IW14	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	IW 2FCV-IW15	SOLENOID OPERATOR	ASCO	HBX-8320A26	X-2296	109347		A12 AUX	N/A	CP-1235-9A	M-512	B251
*												
	MS 2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-0-3064	
*												
	MS 2RBO138	JUNCTION BOX		EB215			MST 570	T-4 RB			22E-2-3246	
*												
	MS 2RBO139	JUNCTION BOX		EB215			Z/25 570	T-3 RB			22E-2-3247	
*												
	MS 2RBO140	JUNCTION BOX		EB215			Z/25 570	T-3 RB			22E-2-3247	
*												
	MS 2RBO141	JUNCTION BOX		EB215			Z/25 592	T-3 RB			22E-2-3247	
*												



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MS 2R80351		JUNCTION BOX		EB215			MST 570	T-4 RB			22E-2-3247	
*				FUNCTION/SERVICE-	MAIN STM ISOL VLV		BYPASS VLVS	LOOP A	2FCV-MS82, -MS83			
MS 2R80352		JUNCTION BOX		EB215			MST 570	T-4 RB			22E-2-3246	
*				FUNCTION/SERVICE-	MAIN STM ISOL VLV		BYPASS VLVS	1FCV-MS84, -MS85				
MS 2R80391		JUNCTION BOX		EB215			MST 570	T-4 RB			22E-2-3247	
*				FUNCTION/SERVICE-	MAIN STEAM ISOL VLV		BYPASS VLVS	LOOP A,B,C,D	2FCV-MS82, -MS83			
MS 2R80392		JUNCTION BOX		EB215			MST 570	T-4 RB			22E-2-3246	
*				FUNCTION/SERVICE-	MAIN STEAM ISOL VLV		BYPASS VLVS	LOOP A,B,C,D	2FCV-MS84, -MS85			
MS 2MS016		HYD. UNIT FOR 2HOV-MS001	WEST	05-10114 TBFC-SKB	X-2261	105591	Z/25 570'-0''	T3 LSVR	N/A DR-34757		M-500	C502
*				FUNCTION/SERVICE:	ACTUATES VALVE/TO	TURBINE	FIRST STAGE	FROM	STEAM GENERATOR			
MS 2MS017		HYD. UNIT FOR 2HOV-MS002	WEST	05-10114 TBFC-SKB	X-2261	105591	Z/25 570'-0''	T3 LSVR	N/A DR-34757		M-500	C502
*				FUNCTION/SERVICE:	ACTUATES VALVE/TO	TURBINE	FIRST STAGE	FROM	STEAM GENERATOR			
MS 2MS018		HYD. UNIT FOR 2HOV-MS003	WEST	05-10114 TBFC-SKB	X-2261	105591	Z/19 570'-0''	T3 LSVR	N/A DR-34757		M-500	C502
*				FUNCTION/SERVICE:	ACTUATES VALVE/TO	TURBINE	FIRST STAGE	FROM	STEAM GENERATOR			
MS 2MS019		HYD. UNIT FOR 1HOV-MS001	WEST	05-10114 TBFC-SKB	X-2261	105591	Z/19 570'-0''	T3 LSVR	N/A DR-34757		M-500	C502
*				FUNCTION/SERVICE:	ACTUATES VALVE/TO	TURBINE	FIRST STAGE	FROM	STEAM GENERATOR			
MS 2MOV-MS017		VALVE MOTOR OPERATOR		LMTQ SMB-0	X-2288	109907	Z/25 598'-0''	T2 USVR	N/A 6-9V266-01		M-500	C503
*				FUNCTION/SERVICE:	ACTUATES VALVE/RELIEF	VALVE	FOR	ATMOSPHERIC	DUMP			
MS 2MOV-MS018		VALVE MOTOR OPERATOR		LMTQ SMB-0	X-2288	109907	Z/25 598'-0''	T2 USVR	N/A 6-9V266-01		M-500	C503
*				FUNCTION/SERVICE:	ACTUATES VALVE/RELIEF	VALVE	FOR	ATMOSPHERIC	DUMP			
MS 2MOV-MS019		VALVE MOTOR OPERATOR		LMTQ SMB-0	X-2288	109907	Z/20 598'-0''	T2 USVR	N/A 6-9V266-01		M-500	C503
*				FUNCTION/SERVICE:	ACTUATES VALVE/RELIEF	VALVE	FOR	ATMOSPHERIC	DUMP			
MS 2MOV-MS020		VALVE MOTOR OPERATOR		LMTQ SMB-0	X-2288	109907	Z/20 589'-0''	T2 USVR	N/A 6-9V266-01		M-500	C503
*				FUNCTION/SERVICE:	ACTUATES VALVE/RELIEF	VALVE	FOR	ATMOSPHERIC	DUMP			

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MS	2APO53	MOV HTRS-DIST.PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q036
		FUNCTION/SERVICE-	POWER SUPPLY FOR MS SYS MOV HTRS									
MS	2APO54	MOV HTRS-DIST.PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q037
		FUNCTION/SERVICE-	POWER SUPPLY FOR MS SYS MOV HTRS									
MS	2LP57	REMOTE SHTDN PANEL DIV 27	FISH-H		X-2329		K/15 579	A-8 AUX			22E-0-3063	T017
		FUNCTION/SERVICE-	CONT & INDIC FPR MS SYS PUMPS & VALVES									
PP	2AB0394	JUNCTION BOX					N/20 592	A-9 AUX			22E-0-3071	
		FUNCTION/SERVICE-	PP AIR SUPPLY HDR PRESSUR HI-LOW ALARM 2FIR-PP23									
		FUNCTION/SERVICE-	PP AIR COMPRESSOR 2; 2PSL-PP22; 2SV-SW137,-SW139									
PP	2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-0-3064	
		FUNCTION/SERVICE-	POWER FEED TO PP AIR SUPPLY HDR RECORDER 2FIR-PP23									
PP	2PP-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	2PSL-PP22	PRESSURE SWITCH	UNITED	5302-358	X-2242		P/20 592'-0''	A9 AUX	N/A			M601
		FUNCTION/SERVICE:	FILTER DRYER DISCH. HEADER/COMPRESSOR CONTROL									
PP	2PT-PP16	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE:	PP ZONE 1 AIR LINE									
PP	2PT-PP17	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE:	PP ZONE 2 AIR LINE									
PP	2PT-PP18	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE:	PP ZONE 3 AIR LINE									
PP	2PT-PP19	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		P/19 592'-0''	A9 AUX	N/A		M-73,M-292	M602
		FUNCTION/SERVICE:	PP ZONE 4 AIR LINE									



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*	PR 2AB0104	JUNCTION BOX					P/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-RX LEAK DETECT AIR SPACE ISOL. VLVs 2FCV-PR19A,20A,21A,22A,23A
*	PR 2AB0105	JUNCTION BOX					P/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-RX VESSEL LEAK DETECT AIR SAMPLE ISOL VLVs 2FCV-PR19B,20B,21B,22B,23B
*	PR 2AB0112	JUNCTION BOX					P/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-CONTAINMENT AIR SAMPLE ISOL. VLV 2FCV-PR24B
*	PR 2AB0147	JUNCTION BOX					R/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-CONTAINMENT AIR SAMPLE INLET ISOL VLV. 2FCV-PR24A
*	PR 2AB0277	JUNCTION BOX					K/25 617	A-9 AUX			22E-0-3075	
*												FUNCTION/SERVICE-CONTROL RCV COMP. COOL. SURGE TANK VENT STOP VALVE
*	PR 2APO91	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	1038b9	M/21 579	A-8 AUX			22E-0-3064	
*												FUNCTION/SERVICE-POWER SUPPLY FOR RHR PUMP 2B CUB. DETECT. 2PROOF
*	PR 2RE-PRO9A	RADIATION DETECTOR	NUCLR. MEASUR	GM-912	X-2333		M/21 617'-0''	A9 AUX	N/A		M-549, M-289	M401
*												FUNCTION/SERVICE:CONT. PURGE EXH. STK EFLNT GAS/ALARM & RECORDING
*	PR 2RE-PRO9B	RADIATION DETECTOR	NUCLR. MEASUR	SC-2-15	X-2333		M/21 617'-0''	A9 AUX	N/A		M-549, M-289	M402
*												FUNCTION/SERVICE:CONT. PURGE EXH. STK EFLNT IODINE/ALARM & RECORDING
*	PR 2RE-PRO9C	RADIATION DETECTOR	NUCLR. MEASUR	SC-2B	X-2333		M/21 617'-0''	A9 AUX	N/A		M-549, M-289	M403
*												FUNCTION/SERVICE:CONT. PURGE EXH. STK EFLNT AIR PART./ALARM & RECORDING
*	RC 2AB0105	JUNCTION BOX					P/17 598	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-
*	RC 2AB0154	JUNCTION BOX					R/17 582	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-
*	RC 2AB0182	JUNCTION BOX					P/17 590	A12 AUX			22E-2-3207	
*												FUNCTION/SERVICE-



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	RC 2AB0183	JUNCTION BOX					R/17 582	A12 AUX			22E-2-3207	
		FUNCTION/SERVICE-										
	RC 2AB0184	JUNCTION BOX					R/17 594	A12 AUX			22E-2-3207	
		FUNCTION/SERVICE-										
	RC 2LI-460B	LEVEL INDICATOR	WESCH- LER		X-2200	138768	J/15 579'-0''	A8 AUX	N/A		M-53	M305
		FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL										
	RC 2LI-459B	LEVEL INDICATOR	WEST	VX-252	X-2200	110478	J/15 642'-0''	A8 AUX	N/A		M-53	M307
		FUNCTION/SERVICE: PRZR. LEVEL INDICATION/PRZR. LEVEL										
	RC 2PI-0455B	PRESSURE INDICATOR	WEST	VX-252	X-2200	110478	J/15 579'-0''	A8 AUX	N/A		M-53	M307
		FUNCTION/SERVICE: PRZR. PRESSURE INDICATION/PRZR. PRESSURE										
	RC 2LP57	REMOTE SHTDN PANEL DIV 27	FISH-H		X-2329		K/15 579	A-8 AUX			22E-0-3063	T017
		FUNCTION/SERVICE- CONT & INDIC FPR RC SYS PUMPS & VALVES										
	RC 2LP58	REMOTE SHTDN PANEL DIV 28	FISH-H		X-2329		K/15 579	A-8 AUX			22E-0-3063	T018
		FUNCTION/SERVICE-CONTROL AND INDICATION FOR RC SYS PUMPS & VALVES										
	RH 2A091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-0-3064	
		FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS VLV 2MOV-RH9000										
	RH 2MOV-RH9000	VALVE MOTOR OPERATOR	LMTQ	SMB-1	G-676258	103251	R/17 575'-0''	A12 AUX	N/A	93-12858	M-520	A254
		FUNCTION/SERVICE:ACTUATES VALVE/TO HOT LEG INJECTION FROM RH EXCHANGER										
	RH 2A054	MOV HTRS-DIST. PNL-DIV	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q037
		FUNCTION/SERVICE- POWER SUPPLY FOR RHR SYS MOV HTRS										
	RV 2LP22	CONTAIN.VENT SYS PANEL	POWERS		X-2286	113967	M/17 617	A-9 AUX		220-P-3036 SH.1	22E-2-3206	
		FUNCTION/SERVICE-CONTAINMENT VENT SYSTEM CONTROLS										
	RV 2RV050	HYDRO. RECOM. BLOWER	BUFF	5K182CK742	X-2361		N/17 617'-0''	A9 AUX	N/A	7W-83208		D001
		FUNCTION/SERVICE:										

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RV	2RV020	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276		M/16 617'-0''	A9 AUX	N/A		M-537,M-382	FOO2
*				FUNCTION/SERVICE-CONTAINMENT/HYDROGEN CONTROL								
RV	2RV021	HYDRO. PURGE FAN MOTOR	G.E.	SPEC 36 MP/ FRAME 184T	X-2276		L/16 617'-0''	A9 AUX	N/A		M-537,M-382	FOO2
*				FUNCTION/SERVICE-CONTAINMENT/HYDROGEN CONTROL								
RV	2AB0072	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX			22E-2-3207	X071
*				FUNCTION/SERVICE-HEATING WATER SUPPLY ISOL VALVE 2FCV-RV114								
RV	2AB0073	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX			22E-2-3207	X072
*				FUNCTION/SERVICE-HEATING WATER SUPPLY ISOL VALVE 2FCV-RV113								
RV	2AB0074	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX			22E-2-3207	X073
*				FUNCTION/SERVICE-HEATING WATER SUPPLY ISOL VALVE 2FCV-RV111								
RV	2AB0075	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 582	A12 AUX			22E-2-3207	X074
*				FUNCTION/SERVICE-HEATING WATER SUPPLY ISOL VALVE 2FCV-RV112								
RV	2AB0076	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 590	A12 AUX			22E-2-3207	X075
*				FUNCTION/SERVICE-CONTAINMENT RELIEF ISOL VALVES 2AOV-RV0005,2SV-RV80								
RV	2AB0077	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 590	A12 AUX			22E-2-3207	X076
*				FUNCTION/SERVICE-CONTAINMENT RELIEF ISOL VALVES 2AOV-RV0006,2SV-RV82								
SI	2MOV-SI8809A	VALVE MOTOR OPERATOR	LIMIT	SMB-3-100	G-676258	091710	R/17 590'-6''	A9 AUX	N/A	88919	M-522	A004
*				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH								
SI	2MOV-SI8809B	VALVE MOTOR OPERATOR	LIMIT	SMB-3-100	G-676258	091710	R/17 590'-6''	A9 AUX	N/A	88919	M-522	A004
*				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM RH EXCH								
SI	2MOV-SI8801A	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	R/17 578'-0''	A12 AUX	N/A	93-13106	M-521	A007
*				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK								
SI	2MOV-SI8801B	VALVE MOTOR OPERATOR	LIMIT	SMB-0	G-676258	067762	R/17 578'-0''	A12 AUX	N/A	93-13106	M-521	A007
*				FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM BORON INJ. TANK								

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*	SI 2MOV-SI8802	VALVE MOTOR OPERATOR	LIMIT	SMB-O	G-676258	067762	P/16 569'-0''	A12 AUX	N/A	93-13106	M-64	A007
*					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP COLD LEG FROM SI PUMP							
*	SI 2MOV-SI8803A	VALVE MOTOR OPERATOR	LIMIT	SMB-O	G-676258	067762	R/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
*					FUNCTION/SERVICE:ACTUATES VALVE/TO BORON INJ.TANK FROM CHARGING PUMPS							
*	SI 2MOV-SI8803B	VALVE MOTOR OPERATOR	LIMIT	SMB-O	G-676258	067762	R/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
*					FUNCTION/SERVICE:ACTUATES VALVE/TO BORON INJ.TANK FROM CHARGING PUMPS							
*	SI 2MOV-SI9011A	VALVE MOTOR OPERATOR	LIMIT	SMB-O	G-676258	067762	P/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
*					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS							
*	SI 2MOV-SI9011B	VALVE MOTOR OPERATOR	LIMIT	SMB-O	G-676258	067762	P/17 590'-0''	A12 AUX	N/A	93-13106	M-521	A007
*					FUNCTION/SERVICE:ACTUATES VALVE/TO RC LOOP HOT LEG FROM SI PUMPS							
*	SI 2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-0-3064	Q030
*					FUNCTION/SERVICE- PWR SUPPLY FOR SI SYS VLVS 2MOV-SI8802,-SI8809B							
*	SI 2AP053	MOV HTRS-DIST.PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q036
*					FUNCTION/SERVICE- POWER SUPPLY FOR SI SYS MOV HTRS							
*	SI 2AP054	MOV HTRS-DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-0-3064	Q037
*					FUNCTION/SERVICE- POWER SUPPLY FOR SI SYS MOV HTRS							
*	SI 2AB0078	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12 AUX			22E-2-3207	X108
*					FUNCTION/SERVICE-BORON INJECTION TANK TEMP. BANK A HEATERS							
*	SI 2AB0079	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 598	A12 AUX			22E-2-3207	X109
*					FUNCTION/SERVICE-BORON INJECTION TANK TEMP. BANK B HEATERS							
*	SI 2AB0113	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	R/17 574	A12 AUX			22E-2-3207	X110
*					FUNCTION/SERVICE-BORON INJECTION TANK TO BORIC ACID TANK VALVE 2A0V-SI8870B							
*	SI 2AB0153	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 590	A12 AUX			22E-2-3207	X111
*					FUNCTION/SERVICE-BORIC ACID TRANS. PUMP TO BORON INJECTION TANK ISOL. VLV. 2A0V-SI8883							

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*	SI 2AB0168	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582		A12 AUX		22E-2-3207	X112
*		FUNCTION/SERVICE-NITROGEN SUPPLY TO ACCUM TANKS VALVE 2AOV-S1B880										
*	SI 2AB0169	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	P/17 582		A12 AUX		22E-2-3207	X113
*		FUNCTION/SERVICE-SI PUMP TEST LINE ISOL. VALVE 2AOV-S1B888										
*	SI 2AB0175	JUNCTION BOX	FISH-H	EM-47150	X-2329	9387	R/17 574		A12 AUX		22E-2-3207	X114
*		FUNCTION/SERVICE-BORON INJECTION TANK TO BORIC ACID TANK VALVE 2AOV-S1B870A										
*	SI 2AB0309	JUNCTION BOX	FISH-H	EM-47150	X-2329	119387	K/19 592		A-9 AUX		22E-0-3069	X115
*		FUNCTION/SERVICE-BORON INJECTION TANK TEMP. CONTROL BANK B HEATERS, 2TIC-945										
*	SS 2AB0492	JUNCTION BOX					L/12 582		A-9 AUX		22E-2-3208	
*		FUNCTION/SERVICE-STM GEN BLOWDOWN & M.U. WTR ANALY. SOL VLVS 2FCV-SS02,3,4&5										
*	SS 2RBO148	JUNCTION BOX		EB214			MST 570		T-4 RB		22E-2-3247	
*		FUNCTION/SERVICE-STM GEN 2B BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS02										
*	SS 2RBO149	JUNCTION BOX		EB214			MST 570		T-4 RB		22E-2-3246	
*		FUNCTION/SERVICE-STM GEN 2B BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS03										
*	SS 2RBO152	JUNCTION BOX		EB214			Z/25 570		T-3 RB		22E-2-3247	
*		FUNCTION/SERVICE-STM GEN 2A BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS05										
*	SS 2RBO153	JUNCTION BOX		EB214			Z/25 570		T-3 RB		22E-2-3247	
*		FUNCTION/SERVICE-STM GEN 2C BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS04										
*	SS 2RBO391	JUNCTION BOX		EB214			MST 570		T-4 RB		22E-2-3247	
*		FUNCTION/SERVICE-STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS04&5										
*	SS 2RBO392	JUNCTION BOX		EB214			MST 570		T-4 RB		22E-2-3246	
*		FUNCTION/SERVICE-STM GEN BLOWDOWN & MAKEUP WATER ANALYSIS SYS SOL VALVES 1FCV-SS02&3										
*	SS 2AB0154	JUNCTION BOX					R/17 582		A12 AUX		22E-2-3207	
*		FUNCTION/SERVICE-STM GEN BLOWDOWN SAMPLE ISOL. VLV 2FCV-SS06										

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SS	2AB0155	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*												
*												
*												
SS	2AB0156	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*												
*												
*												
SS	2AB0166	JUNCTION BOX					P/17 582	A12 AUX			22E-2-3207	
*												
SS	2AB0167	JUNCTION BOX					P/17 590	A12 AUX			22E-2-3207	
*												
SW	2AP091	480V AUX BLDG ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX			22E-0-3064	
*												
SW	2MOV-SW0100	VALVE MOTOR OPERATOR	LMTQ	SMB-H3BC	X-2302	109905	G/23 579'-0''	A8 AUX	N/A	13-10-31419	M-32-1	C753
*												
SW	2MOV-SW0115	VALVE MOTOR OPFRATOR	LMTQ	SMB-H3BC	X-2302	109905	G/17 579'-0''	A8 AUX	N/A	13-10-31419	M-32-2	C753
*												
SW	2MOV-SW0101	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-221B	398321	G/23 579'-0''	A8 AUX	N/A	037788-2	M-32-1	C754
*												
SW	2MOV-SW0102	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-221B	398321	H/22 579'-0''	A8 AUX	N/A	037788-2	M-32-1	C754
*												
SW	2MOV-SW0103	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-221B	398321	G/23 579'-0''	A8 AUX	N/A	037788-2	M-32-1	C754
*												
SW	2MOV-SW0104	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-221B	398321	G/23 579'-0''	A8 AUX	N/A	037788-2	M-32-1	C754
*												

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*	SW 2MOV-SW0105	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A8	AUX	N/A	037788-2	M-32-1	C754
					FUNCTION/SERVICE: ACTUATES VALVE/								
*	SW 2MOV-SW0106	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A8	AUX	N/A	037788-2	M-32-1	C754
					FUNCTION/SERVICE: ACTUATES VALVE/								
*	SW 2MOV-SW0107	VALVE MOTOR OPERATOR	LMTQ	SMB-000	X-2218	398321	G/23 579'-0''	A8	AUX	N/A	037788-2	M-32-1	C754
					FUNCTION/SERVICE: ACTUATES VALVE/								
*	SW 2PSL-SW13	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A8	AUX	N/A			M501
					FUNCTION/SERVICE: SERVICE WATER PUMP 2A DISCHARGE HEADER/SERVICE WATER FLOW CONTROL								
*	SW 2PSL-SW14	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	A8	AUX	N/A			M501
					FUNCTION/SERVICE: SERVICE WATER PUMP 2B DISCHARGE HEADER/SERVICE WATER FLOW CONTROL								
*	SW 2PSL-SW15	PRESSURE SWITCH	UNITED	J110-164	X-2242		G/18 579'-0''	B	AUX	N/A			M501
					FUNCTION/SERVICE: SERVICE WATER PUMP 2C DISCHARGE HEADER/SERVICE WATER FLOW CONTROL								
*	SW 2PT-SW107	PRESSURE TRANSMITTER	F&P	50EP1071	X-2316		G/17 579'-0''	A8	AUX	N/A		M-32, M-299	M502
					FUNCTION/SERVICE: SERVICE WATER HEADER PRESSURE INDICATION & ALARM								
*	SW 2APO54	MOV HTRS-DISY. PNL-DIV	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8	AUX			22E-0-3064	Q037
					FUNCTION/SERVICE-POWER SUPPLY TO SW SYS MOV HEATERS								
*	VC 2K-2016	PULL BOX		EB214			M/19 594	A10	AUX			22E-2-3410	
					FUNCTION/SERVICE- UPSTREAM RC PUM SEAL WATER RETURN (2FQY-VC21)								
*	VC 2K-2017	PULL BOX		EB214			L/19 594	A-9	AUX			22E-2-3410	
					FUNCTION/SERVICE- UPSTREAM LETDOWN HEAT EXCH OUTLET (2FQY-VC22)								
*	VC 2LP23		WE		X-2200S	382557	L/15 592	A-9	AUX			22E-0-3070	
					FUNCTION/SERVICE-								
*	VC 2VC006	PUMP MOTOR UNIT	WEST	HSDP	677125		K/17 579'-0''	A14	AUX	N/A	209C402	M-518	B501
					FUNCTION/SERVICE: ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 2A								

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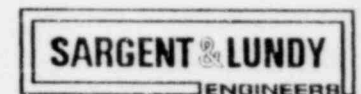
*SY	PLANT ID NUMBER	COMPONENT/EQUIPMENT	MFR	MODEL NUMBER	PROCURE SPEC	CECO P.O. NO.	COL/ROW ELEVAIN	CONTAIN IN OUT BUILD	FLD LEV	VENDOR DRAWING	S&L DRAWING	COMP NO
*	VC 2VCO07	PUMP MOTOR UNIT	WEST	HSDP	677125		K/15 579'-0''	A14 AUX	N/A	209C402	M-518	B501
												FUNCTION/SERVICE:ACTUATES PUMP/CENTRIFUGAL CHARGING PUMP 2B
*	VC 2VCO08	PUMP MOTOR UNIT	WEST	TBDP	677125		K/14 579'-0''	A14 AUX	N/A	209C402	M-518	B502
												FUNCTION/SERVICE:ACTUATES PUMP/POSITIVE DISPLACEMENT PUMP 2C
*	VC 2MOV-VC8110	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	K/17 585'-0''	A14 AUX	N/A	137-116-1	M-518	B503
												FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.
*	VC 2MOV-VC8111	VALVE MOTOR OPERATOR	LMTQ	SMB-00-25	G-676258	091710	L/17 585'-0''	A14 AUX	N/A	137-116-1	M-518	B503
												FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMP TO SEAL WATER HEAT EXCH.
*	VC 2MOV-VC-LCV 112B	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/18 618'-0''	A9 AUX	N/A	93-13114	M-518	B504
												FUNCTION/SERVICE:ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS
*	VC 2MOV-VC-LCV 112C	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	L/18 618'-0''	A9 AUX	N/A	93-13114	M-518	B504
												FUNCTION/SERVICE:ACTUATES VALVE/FROM VOLUME CONTROL TANK TO CHARGING PUMPS
*	VC 2MOV-VC-LCV 112D	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	M/17 618'-0''	A9 AUX	N/A	15-1028-3	M-518	B504
												FUNCTION/SERVICE:ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS
*	VC 2MOV-VC-LCV 112E	VALVE MOTOR OPERATOR	LMTQ	SMB-000	G-676258	103251	M/17 618'-0''	A9 AUX	N/A	15-1028-3	M-518	B504
												FUNCTION/SERVICE:ACTUATES VALVE/FROM REFUELING WATER STORAGE TANK TO CHARGING PUMPS
*	VC 2MOV-VC8105	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/17 579'-0''	A12 AUX	N/A	88405-2	M-518	B509
												FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMPS TO REGENERATIVE HEAT EXCH.
*	VC 2MOV-VC8106	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	091710	N/17 579'-0''	A12 AUX	N/A	88405-2	M-518	B509
												FUNCTION/SERVICE:ACTUATES VALVE/FROM CHARGING PUMPS TO REGENERATIVE HEAT EXCH.
*	VC 2MOV-VC8100	VALVE MOTOR OPERATOR	LMTQ	SMB-00	G-676258	103251	R/17 590'-0''	A12 AUX	N/A	93-13114	M-518	B510
												FUNCTION/SERVICE:ACTUATES VALVE/FROM REACTOR COOLANT PUMP & SEAL TO SEAL WATER HEAT EXCHANGER
*	VC 2FI-121B	FLOW INDICATOR	WEST	VX-252	X-2200	110478	J/15 579'-0''	A8 AUX	N/A		22E-1-4303	N303
												FUNCTION/SERVICE:CHARGING LINE FLOW INDICATION/CHARGING LINE

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*	VC 2A091	480V AUX SUP ESS MCC 2383B	GE	7700 LINE	X-2260	103869	M/21 579	A-8 AUX		75C247958 SH.43	22E-O-3064	Q030
*				FUNCTION/SERVICE-				POWER SUPPLY FOR VC SYS PUMP				OVC031
*	VC 2A053	MOV HTRS- DIST.PNL-DIV 27	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-O-3064	Q036
*				FUNCTION/SERVICE-				POWER SUPPLY FOR VC SYS MOV HTRS				
*	VC 2A054	MOV HTRS- DIST. PNL-DIV 28	FISH-H	B/M-C-458	X-2329	119387	P/20 579	A-8 AUX			22E-O-3064	Q037
*				FUNCTION/SERVICE-				POWER SUPPLY FOR VC SYS MOV HTRS				
*	VC 2LP57	REMOTE SHTDN PANEL DIV 27	FISH-H		X-2329		K/15 579	A-8 AUX			22E-O-3063	T017
*				FUNCTION/SERVICE-				CONT & INDIC FPR VC SYS PUMPS & VALVES				
*	VC 2LP58	REMOTE SHTDN PANEL DIV 28	FISH-H		X-2329		K/15 579	A-8 AUX			22E-O-3063	T018
*				FUNCTION/SERVICE-				CONTROL AND INDICATION FOR VC SYS PUMPS & VALVES				
*	VC 2LP59	REMOTE SHTDN PANEL DIV 29	FISH-H		X-2329		K/14 579	A-8 AUX			22E-O-3063	T019
*				FUNCTION/SERVICE-				CONTROL AND INDICATION FOR VC SYS PUMPS AND VLVS				
*	VC 2A0110	JUNCTION BOX					R/19 590	A-9 AUX			22E-2-3207	X036
*				FUNCTION/SERVICE-				LETDOWN LINE CONTAINER ISOL VLV 2A0V-VC8153				
*	VC 2A0111	JUNCTION BOX					R/19	A-9 AUX			22E-O-3071	X036
*				FUNCTION/SERVICE-				DIVERTER TO DBDM VLV 2A0V-VC8167				
*	VC 2A0051	JUNCTION BOX					L/18 579	A-9 AUX			22E-O-3069	X051
*				FUNCTION/SERVICE-				VOLUME CONTROL TANK LEVEL LVL 2LCV-VC112A				
*	VC 2A0063	JUNCTION BOX					H/20 592	A-9 AUX			22E-O-3069	X052
*				FUNCTION/SERVICE-				BORIC ACID TANK OC HEATER				
*	VC 2A0109	JUNCTION BOX					R/17 590	A-9 AUX			22E-2-3207	X053
*				FUNCTION/SERVICE-				LETDOWN LINE CONTAINER ISOL VLV 2A0V-VC8152				
*	VC 2A0207	JUNCTION BOX					M/19 617	A-9 AUX			22E-O-3078	X054
*				FUNCTION/SERVICE-				CONT BORIC ACID INJ TO BLENDER 2FCV-VC011A				
*				FUNCTION/SERVICE-				CONT MAKEUP INJ TO BLENDER PUMP HDR VLV 2FCV-VC100B				

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	VC 2AB0208	JUNCTION BOX					M/19 617		A-9 AUX		22E-0-3078	X055
				FUNCTION/SERVICE-					CONT PRIMARY WATER IN1 TO BLENDER 2FCV-VC111A			
	VC 2AB0209	JUNCTION BOX					M/19 617		A-9 AUX		22E-0-3078	X056
				FUNCTION/SERVICE-					CONT PRIMARY WATER IN1 TO BLENDER 2FCV-VC111B			
	VC 2AB0309	JUNCTION BOX					K/19 592		A-9 AUX		22E-0-3069	X058
				FUNCTION/SERVICE-					BORIC ACID CHG PUMP CONT FLOW TRANSMITTER 2FIT153; RID 2,3,9,31			
				FUNCTION/SERVICE-					FEED SEAL WATER FLOW IND TRNSMITTER 2FIT-156,160			
	VC 2AB0310	JUNCTION BOX					K/19 592		A-9 AUX		22E-0-3069	X059
				FUNCTION/SERVICE-					BORIC ACID TANK OC TEMP IND CONT 2TIC103;RID 3,9,31			
				FUNCTION/SERVICE-					FEED SEAL WATER FLGW IND TRANSMITTER 2FIT-155,159			
	VC 2AB0311	JUNCTION BOX					H/14 592		A-9 AUX		22E-0-3070	X060
				FUNCTION/SERVICE-					FEED SEAL WATER FLOW IND TRANSMITTER 2FIT-154,158			
	VC 2AB0373	JUNCTION BOX					L/18		A10 AUX		22E-0-3071	X061
				FUNCTION/SERVICE-					CONT REMOTE OPER LETDOWN FLOW DIVERTER VLV 2TCV-VC129			

APPENDIX E.1

ADDITIONAL FOOTNOTES FOR  
QUALIFICATION DATA SHEETS

MPR-PRTV1.0-THURSDAY, MAY 1, 1980-23:06:15

.DATE

FOOT NOTE COMMENTS AND REMARKS

•FT NOTE

•NUMBER FOOT NOTE

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ZDCA001 RADIATION QUALIFIED BY PUBLISHED DATA D.G.O'BRIEN REPORT NO.ER-192  
ZDCA002 FSAR 9.10.6 & S&L SPEC. X-2286 & NSLD GENERIC CALCULATIONS FOR INTEGRATED RADIATION DOSE  
ZDCA003 D.G.O'BRIEN CABLE SPLICE REPORTS NO.ER-272 & ER-192  
ZDCA004 FRANKLIN INSTITUTE REPORT F-C2737  
ZDCA005 B/M 3782-A  
ZDCA006 BOSTON INSULATED WIRE REPORT NO. B901  
ZDCA007 BOSTON INSULATED WIRE REPORT NO. B904  
ZDCA008 FRANKLIN INSTITUTE REPORT NO. F-C2737  
ZDCA009 KERITE REPORT DATED 4/30/70, ADDITION B  
  
ZECA001 1.5% BORIC ACID SOLUTION, PH 9.5-10  
ZECA002 BORIC ACID SOLUTION, PH 4-10

RDEP001 PROTOTYPE TEST REPORT

RDEP002 D.G.O'BRIEN REPORT NO.C19QA052, DATED 9/2/71

RDEP003 D.G.O'BRIEN REPORT NO.ER-192

REPE001 195 DEG F FOR 10 SEC., 243 DEG F FOR 700 SEC., 162 DEG F FOR 10000 SEC., 150 DEG F AVG. FOR 10000 SEC. TO 1 YEAR. 298 DEG F FOR 1 HOUR, 271 DEG F FOR 48 HOURS.  
REPE002 22 PSIG FOR 10 SEC., 46 PSIG FOR 700 SEC., 11 PSIG FOR 10000 SEC., 10 PSIG MAX./5 PSIG MIN. FOR 10000 SEC. TO 1 YEAR. 70 PSIG FOR 1 HOUR, 47 PSIG FOR 48 HOURS  
REPE003 100% FOR 10 SEC., 700 SEC., 10000 SEC., AND 10000 SEC. TO 1 YEAP. 100% FOR 1 HOUR AND 48 HOURS  
REPE004 1 YEAR POST-ACCIDENT GAMMA RAY DOSE AT MAXIMUM EXPOSURE RATE OF  $1 \times 10^7$  RAD/HOUR BY 1.5 MEV EFFECTIVE ENERGY GAMMA RAYS. TOTAL DOSE PERIOD,  $5 \times 10^8$  RAD. 1 YEAR POST-ACCIDENT BETA RAY DOSE AT MAXIMUM EXPOSURE RATE OF  $2 \times 10^7$  RAD/HOUR BY 3 MEV MAXIMUM ENERGY BETA RAYS. TOTAL DOSE PERIOD,  $4 \times 10^9$  RAD.  
REPE005 CHEMICAL CONTENT FROM A BORIC ACID SOLUTION CONTAINING 3000 PPM BORON (PH 4) TO A BORIC ACID-SODIUM HYDROROXIDE MIXTURE HAVING 3000 PPM BORON AND ADJUSTED TO A PH OF 9.5 TO 10  
REPE006 298 DEG. F FOR 1HOUR, 271 DEG. F FOR 48 HOURS.  
REPE007 70 PSI. FOR 1HOUR, 47 PSIG. FOR 48 HOURS.  
REPE008 100% FOR 1HOUR, 100% FOR 48 HOURS. R 48 HOURS.

POOR ORIGINAL

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SARGENT & LUNDY