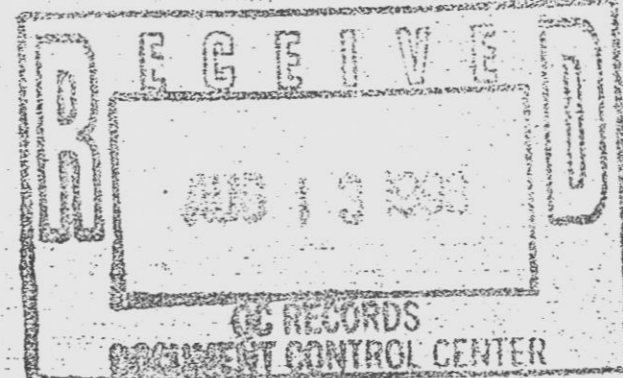


SHEET NO	REV NO	TITLE	SHEET NO	REV NO	TITLE	SHEET NO	REV NO	TITLE
154		MEAS CHANNELS T-2225, P-2225, L-2227, L-2226	204		COMPONENT COOLING WATER DISCH HDR VALVE MV-14-1	262		AUX HIGH PRESS FLOW CONT VALVE HCV-3617
155		BORIC ACID TKS 1A & 1B LVL CH'S L-2206, L-2207, L-2208, L-2209	205		COMPONENT COOLING WATER PUMP 1B	263		LOW PRESS SAFETY INJECT FLOW CONT VALVE HCV-3635
157		LETDOWN STOP VA V-2515 & LETDOWN CONT ISOL VA V-2516	207		COMPONENT COOLING WATER SUCTION HDR VALVE MV-14-4	264		HIGH PRESS SAFETY INJECT FLOW CONT VALVE HCV-3636
158		LETDOWN THROTTLE VALVES LCV-2110P & LCV-2110Q	208		COMPONENT COOLING WATER DISCH HDR VALVE MV-14-2	265		AUX HIGH PRESS FLOW CONT VALVE HCV-3637
159		VALVES V-2505, V-2510, V-2511 & VLV I-SE-01-1	209		COMPONENT COOLING WATER PUMP 1C	266		LOW PRESS SAFETY INJECT FLOW CONT VALVE HCV-3645
160		VALVES V-2500, V-2507, V-2513, V-2520 & V-2521	210		REACTOR COOLANT PUMP COMPONENT COOLING WATER TEMP	267		HIGH PRESS SAFETY INJECT FLOW CONT VALVE HCV-3647
161		VOLUME CONTROL TANK DISCHARGE VALVE V-2501	211		CCW SHUTDN HEAT EXCH & SURGE TANK FILL VALVES	268		AUX HIGH PRESS FLOW CONT VALVE HCV-3647
162		REFUELING WATER TO CHARGING PUMPS V-2504	212		CCW TO & FROM REACTOR COOL PUMPS HCV-14-1, 2, 6, & 7	269		SAFETY INJECT TANK 1A1 ISOL VALVE V-3624
163		VALVES FCV-2210X, FCV-2210Y & V-2512	213		AIR RECIRC COOLER 1A & 1B INLET HDR 1A VALVE MV-14-6	270		SAFETY INJECT TANK 1A2 ISOL VALVE V-3614
164		CHEM INJECTION METERING PUMP	214		AIR RECIRC COOLER 1A & 1B OUTLET HDR 1A VALVE MV-14-8	271		SAFETY INJECT TANK 1B1 ISOL VALVE V-3634
165		BORIC ACID GRAVITY FEED VALVE V-2508	215		AIR RECIRC COOLER 1C & 1D INLET HDR 1B VALVE MV-14-5	272		SAFETY INJECT TANK 1B2 ISOL VALVE V-3644
166		BORIC ACID GRAVITY FEED VALVE V-2509	216		AIR RECIRC COOLER 1C & 1D OUTLET HDR 1B VALVE MV-14-7	273		MEASUREMENT CHANNELS F-3305, P-3307, 8 & 9, P-3303X & Y
167		MAKE-UP BYPASS TO CHARGING PUMPS VALVE V-2514	217		COMPONENT COOLING WATER A FLOW & PRESSURE	274		SHUTDOWN VA'S FCV-3306, HCV-3657 & RECIRC DRAIN TANK VA V-3661
168		BORIC ACID MAKE-UP TANK 1A HTR A	218		COMPONENT COOLING WATER B FLOW & PRESSURE	275		MEASUREMENT CHANNELS T-3351X, Y & T-3303X, Y
169		BORIC ACID MAKE-UP TANK 1A HTR B	219		COMPONENT COOLING WATER MOTOR BRG TEMP	276		HPSI PUMP DISCHARGE VALVE V-3653
170		BORIC ACID MAKE-UP TANK 1B HTR A				277		HPSI PUMP DISCHARGE VALVE V-3654
171		BORIC ACID MAKE-UP TANK 1B HTR B				278		HPSI PUMP DISCHARGE VALVE V-3655
172		BORIC ACID BATCHING TANK HTR				279		HPSI PUMP DISCHARGE VALVE V-3656
173		SEAL LUBE PUMPS FOR CHARGING PUMPS 1A, 1B, & 1C				280		SI TK 1A2 INST & CHECK VLV LEAKAGE DR TO RWT HCV-3618
174		BORIC ACID MAKE-UP PUMP 1A				281		SI TK 1A1 INST & CHECK VLV LEAKAGE DR TO RWT HCV-3628
175		BORIC ACID MAKE-UP PUMP 1B				282		SI TK 1B1 INST & CHECK VLV LEAKAGE DR TO RWT HCV-3638
176		CHARGING LINES 1B1 & 1A2 VA'S I-SE-02-1 & 2 & CVCS VA FCV-2161	237		HP SAFETY INJECTION PUMP 1A	283		SI TK 1B2 INST & CHECK VLV LEAKAGE DR TO RWT HCV-3648
177		CHARGING PUMP 1A	238		HP SAFETY INJECTION PUMP 1B	284		SAFETY INJECTION FLOW & PRESSURE MONITORS
178		CHARGING PUMP 1B	239		HP SAFETY INJECTION PUMP 1C - VOID			
179		CHARGING PUMP 1C	240		HP SUCTION CROSSOVER VALVE V-3662			
180		FUEL POOL PUMP 1A	241		HP SUCTION CROSSOVER VALVE V-3663			
181		FUEL POOL PUMP 1B	242		SI TANK FILL & DRAIN VALVES V-3611, 3621, 3631, & 3641	287		CONTAINMENT SPRAY PUMP 1A
182		FUEL POOL PURIFICATION PUMP	243		SI TANK VENT VALVES V-3613, 3623, 3633, & 3643			
183		FUEL HANDLING MACHINES INTERCONNECTION SH 1	244		MINIMUM FLOW ISOLATION VALVE V-3659	289		CONTAINMENT SPRAY VALVES FCV-07-1A & FCV-07-1B
184		FUEL HANDLING MACHINES INTERCONNECTION SH 2	245		MINIMUM FLOW ISOLATION VALVE V-3660	290		CONTAINMENT SPRAY PUMP 1B
185		FUEL HANDLING MACHINES INTERCONNECTION SH 3	246		SAFETY INJECTION CHANNEL A - TRIP & BLOCK	291		CAUSTIC SPRAY SYSTEM INSTRUMENTATION
186		FUEL HANDLING BUILDING HATCH DRIVE	248		SAFETY INJECTION CHANNEL B - TRIP & BLOCK	292		CAUSTIC SPRAY SYSTEM I-SE-07-1A, 1B, 2A, 2B
187		CHEMICAL & VOLUME CONTROL SYS LOCAL ANN "X" - VOID	249		SHUTDOWN COOLING ISOLATION VALVE V-3480	293		CONT PRESS SPRAY HDR A PRESS & FLOW & REFUEL WTR TK LVL
188		CHEMICAL & VOLUME CONTROL SYSTEM ANN REFLASH CIRCUITS	250		SHUTDOWN COOLING ISOLATION VALVE V-3481	294		CONT PRESS SPRAY HDR B PRESS & FLOW & REFUEL WTR TK LVL
189		AUX SPRAY VALVES ISE-02-3, ISE-02-4	251		LP SAFETY INJECTION PUMP 1A	295		CONT PRESSURE & REFUELING WATER TANK LEVEL
190		BORON-LOAD CONTROL VALVE V-2525	252		LP SAFETY INJECTION PUMP 1B	296		CONT PRESSURE, TEMP & REFUELING WATER TANK LEVEL
191		BORONOMETER CH AR-2203	253		SHUTDOWN COOLING ISOLATION VALVE V-3651	297		REFUEL WATER TANK VALVE MV-07-1A
192		MAKE-UP SYSTEM CH F-2210	254		SHUTDOWN COOLING ISOLATION VALVE V-3652	298		REFUEL WATER TANK VALVE MV-07-1B
193		REFUELING CANAL SUMP PUMP	255		SHUTDOWN COOLING ISOLATION VALVE V-3658 - VOID	299		REACTOR SUMP VALVE MV-07-2A
194		CHARGING PUMP 1A RECIRC VALVE IMV-02-1A - RESERVED	256		N2 TO SI TANK VALVES V-3612, 3622, 3632, & 3642	300		REACTOR SUMP VALVE MV-07-2B
195		CHARGING PUMP 1B RECIRC VALVE IMV-02-1B - RESERVED	257		LOW PRESS SAFETY INJECT FLOW CONT VALVE HCV-3615	301		REACTOR VESSEL HEAD PORTABLE VACUUM PUMP - VOID
196		BORON DILUTION PUMPS 1A & 1B - RESERVED	258		HIGH PRESS SAFETY INJECT FLOW CONT VALVE HCV-3626	302		CONTAINMENT SPRAY & RECIRC ACTUATION CH'S A MAN RESET
197		BORON DILUTION METER PUMP 1B - RESERVED	259		AUX HIGH PRESS FLOW CONT VALVE HCV-3627	303		CONTAINMENT SPRAY & RECIRC ACTUATION CH'S B MAN RESET
198		BORON DILUTION CONTROL VALVES - RESERVED	260		LOW PRESS SAFETY INJECT FLOW CONT VALVE HCV-3625	304		CONTAINMENT & SUMP LEVEL
199		CHARGING PUMP 1C RECIRC VALVE IMV-02-1C - RESERVED	261		HIGH PRESS SAFETY INJECT FLOW CONT VALVE HCV-3616	305		CONTAINMENT PRESSURE
		COMPONENT COOLING				306		CONTROL ROOM AUX CONSOLE POWER SUPPLIES - RESERVED
201		COMPONENT COOLING WATER PUMP 1A						
202		NORMAL SUPPLY HDR & NORMAL RETURN HDR ISOL VALVES						
203		COMPONENT COOLING WATER SUCTION HDR VALVE MV-14-3						



CHARGING PUMP 1A RECIRC VALVE IMV-02-1A - RESERVED
 CHARGING PUMP 1B RECIRC VALVE IMV-02-1B - RESERVED
 BORON DILUTION PUMPS 1A & 1B - RESERVED
 BORON DILUTION METER PUMP 1B - RESERVED
 BORON DILUTION CONTROL VALVES - RESERVED
 CHARGING PUMP 1C RECIRC VALVE IMV-02-1C - RESERVED

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				46				7/24/93				DPT				RFN				RJC				DIV: I&C				DR: BT				APPROVED				R C HAEKLER			
				45				9/21/92				CSO				JPP				CAA				CH: RM								V.O. M.M.				INDEX			
EBASCO SERVICES INCORPORATED NEW YORK																FLORIDA POWER & LIGHT COMPANY ST LUCIE PLANT-EXTENSION-UNIT 1 CONTROL WIRING DIAGRAM																							
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