



SWITCH NO.	CONTROL VALVE NO.	DESCRIPTION	INST. SCHEMATIC DIAGRAM SH. NO.
CS3171-1	6LS-X133	SHP FILTER TO WASTE TANK A	251A
CS3168-3	6WD-X005	CAUSTIC ADDITION TO SHP WASTE TANK A	251A
CS3168-1	6WD-X095	ACID " " " " " "	251A
CS3169-1	6LS-X032	SHP WASTE PUMPS A&B SUCTION CROSSOVER	251A
CS3176-1	6LS-X040	SHP WASTE PUMPS A & B DISCHARGE TO SP FILTER	251A
CS3174-1	6LS-X036	SHP WASTE PUMPS A&B DISCHARGE TO SHP FILTER	251A
CS3170-2	6LS-X006	SHP WASTE TANK FEED CROSS CONNECT TO ICW TANK	251A
CS3170-1	6LS-X007	SHP WASTE TANK FEED CROSS CONNECT TO SP WASTE TANK	251A
CS3172-2	6LS-X017	SHP PUMP A DISCHARGE	251A
CS3175-5	6LS-X148	SHP ORG. TRAP TO SHP WASTE TANK	251A
CS3171-2	6LS-X134	SHP FILTER TO SHP WASTE TANK B	251A
CS3168-4	6WD-X006	CAUSTIC ADDITION TO SHP WASTE TANK B	252A
CS3168-2	6WD-X096	ACID ADDITION TO SHP WASTE TANK B	252A
CS3173-2	6LS-X035	SHP PUMP B DISCHARGE	252A
CS3176-2	6LS-X042	SHP WASTE PUMPS A&B DISCHARGE TO ICW FILTER	253
CS3174-2	6LS-X038	SHP WASTE PUMPS A&B DISCHARGE TO SHP FILTER	253
CS3174-3	6LS-X039	SHP FILTER INLET	253
CS3174-4	6LS-X048	SHP FILTER BYPASS	253
CS3176-4	6LS-X058	SHP FILTER OUTLET HEADER TO ICW EVAP RECIRC	253
CS3174-5	6LS-X051	SHP FILTER OUTLET HEADER SHUT OFF	253
CS3171-3	6LS-X067	SHP FILTER OUTLET HEADER TO SHP WASTE TANKS	253
CS3175-8	6LS-X061	SHP FILTER OUTLET HEADER TO ICW EVAPORATOR	253
CS3176-5	6LS-X052	SHP FILTER OUTLET HEADER SHUT OFF	253
CS3176-3	6LS-X149	SHP SAMPLE TANKS TO POLISHING DEMINERALIZER	253
CS3175-1	6LS-X054	SHP DEMINERALIZER INLET	253
CS3176-8	6LS-X088	SHP DEMINERALIZER OUTLET HEADER TO ICW COND TANKS	253
CS3176-6	6LS-X053	SHP FILTER OUTLET HEADER TO ICW DEMINERALIZER	253
CS3175-3	6LS-X082	SHP DEMINERALIZER OUTLET	253
CS3171-4	6LS-X124	SHP SAMPLE PUMPS TO SHP WASTE TANKS	254A
CS3171-5	6LS-X123	SHP SAMPLE PUMP A TO SHP WASTE TANKS OR SHP DEMIN	254A
CS3180-2	6LS-X113	SHP SAMPLE PUMP A DISCHARGE	254A
CS3172-1	6LS-X101	SHP SAMPLE PUMPS SUCTION CROSSOVER	254A
CS3171-6	6LS-X102	SHP SAMPLE PUMP B TO SHP WASTE TANKS OR SHP DEMIN	255A
CS3171-7	6LS-X104	SHP SAMPLE PUMPS TO SHP DEMINERALIZER	255A
CS3181-2	6LS-X135	SHP SAMPLE PUMP B DISCHARGE	255A
CS3175-2	6LS-X059	SHP ORGANIC TO PLANT WATER REUSE TANK	255A
CS3096-1	6LS-X273	SP SAMPLE TANK TO SP WASTE TANK A	256A
CS3095-3	6WD-X015	CAUSTIC ADDITION TO SP WASTE TANK A	256A
CS3095-1	6WD-X105	ACID " " " " " "	256A
CS3098-1	6LS-X231	SP WASTE PUMPS SUCTION CROSSOVER	256A
CS3099-2	6LS-X215	SP WASTE PUMP DISCHARGE	256A
CS3097-2	6LS-X206	SP WASTE TANK FEED CROSS CONNECT TO SHP WASTE TANK	256A
CS3097-1	6LS-X207	SP WASTE TANK FEED CROSS CONNECT TO ICW TANK	256A
CS3096-2	6LS-X318	SP SAMPLE TANK TO SP WASTE TANK B	257A
CS3098-2	6WD-X016	CAUSTIC ADDITION TO SP WASTE TANK B	257A
CS3095-4	6WD-X106	ACID " " " " " "	257A
CS3095-2	6LS-X230	SP WASTE PUMPS DISCHARGE	257A
CS3110-3	6LS-X239	SP WASTE PUMPS DISCHARGE HEADER TO SHP FILTER	257A
CS3110-4	6LS-X233	SP WASTE PUMPS DISCHARGE HEADER TO SP FILTER	257A
CS3110-1	6LS-X247	SP ORGANIC TRAP INLET	258

SWITCH NO.	CONTROL VALVE NO.	DESCRIPTION	INST. SCHEMATIC DIAGRAM SH. NO.
CS3110-7	6LS-X266	SP ORGANIC TRAP OUTLET	258
CS3110-5	6LS-X276	SP ORGANIC TRAP OUTLET HEADER TO ICW EVAPORATORS	258
CS3110-8	6LS-X251	SP ORGANIC TRAP OUTLET HEADER TO PLANT WTR REUSE TK	258
CS3110-6	6LS-X282	SP ORGANIC TRAP OUTLET HEADER TO SP SAMPLE TANKS	258
CS3110-2	6LS-X274	SP ORGANIC TRAP BYPASS	258
CS3113-1	6LS-X299	SP SAMPLE PUMPS SUCTION CROSSOVER	259A
CS3114-2	6LS-X305	SP SAMPLE PUMP A DISCHARGE	259A
CS3115-2	6LS-X234	SP SAMPLE PUMP B DISCHARGE	259A
CS3114-1	6LS-X313	SP SAMPLE PUMPS DISCH HDR TO SHP SAMPLE PUMPS DISCH	259A
CS3096-5	6LS-X308	SP SAMPLE PUMP A DISCHARGE	259A
CS3096-4	6LS-X296	SP SAMPLE PUMP B DISCHARGE	259A
CS3116-4	6LS-X307	SP SAMPLE PUMPS DISCH HDR TO SHP DEMINERALIZER	259A
CS3096-6	6LS-X303	SP SAMPLE PUMPS DISCH HDR SHUTOFF	259A
CS3096-3	6LS-X280	SP ORGANIC TRAP TO WASTE TANKS	259A
CS3116-3	6LS-X317	SP SAMPLE PUMPS DISCHARGE HEADER TO ICW TANKS	259A
CS3116-2	6LS-X316	SP SAMPLE PUMPS DISCHARGE HEADER TO SHP WASTE TANKS	259A
CS3043-2	6LS-X032	DETERGENT WASTE PUMP A DISCHARGE	261A
CS3044-2	6LS-X041	DETERGENT WASTE PUMP A DISCHARGE	262A
CS3045-2	6WD-X048	DETERGENT WASTE FILTER BYPASS	263A
CS3045-1	6WD-X042	DETERGENT WASTE FILTER INLET	263A
CS3046-1	6WD-X049	DETERGENT WASTE FILTER OUTLET HDR TO SOLID SYSTEM	263A
CS3046-2	6WD-X050	DETERGENT WASTE FILTER OUTLET HDR TO F. D. TANKS	263A
CS3045-3	6WD-X079	DETERGENT WASTE FILTER OUTLET HDR TO DETER WASTE TANKS	263A
CS3053-1	6WD-X086	PLANT WTR REUSE TK TO DECONTAMINATION WTR SUPPL.	264A
CS3053-2	6WD-X087	PLANT WTR REUSE TK TO LAUNDRY WATER SUPPLY	263A
CS3053-3	6WD-X088	PLANT WTR REUSE TK TO SHP WASTE TANKS	263A
CS3050-2	6WD-X078	DECONTAMINATION SAMPLE PUMP DISCH TO F D TKS	264A
CS3046-3	6WD-X072	DECONTAMINATION SAMPLE PUMP DISCH TO DW TKS	264A
CS3003-3	6WD-X009	CAUSTIC ADDITION TO FLOOR DRAIN TANK A	265A
CS3003-1	6WD-X099	ACID ADDITION TO FLOOR DRAIN TANK A	265A
CS3004-1	6FD-X028	FLOOR DRAIN PUMPS SUCTION CROSS OVER	265A
CS3005-2	6FD-X009	FLOOR DRAIN PUMP A DISCHARGE	265A
CS3003-4	6WD-X010	CAUSTIC ADDITION TO FLOOR DRAIN TANK B	266A
CS3003-2	6WD-X100	ACID ADDITION TO FLOOR DRAIN TANK B	266A
CS3006-2	6FD-X024	FLOOR DRAIN PUMP B DISCHARGE	266A
CS3007-2	6FD-X032	FLOOR DRAIN FILTER BYPASS	267
CS3007-1	6FD-X031	FLOOR DRAIN FILTER INLET	267
CS3007-3	6FD-X036	FLOOR DRAIN FILTER OUTLET	267
CS3025-1	6FD-X039	FLOOR DRAIN FILTER TO F D TANKS	267
CS3008-1	6FD-X037	FLOOR DRAIN ORGANIC TRAP INLET	267
CS3008-3	6FD-X053	FLOOR DRAIN ORGANIC TRAP OUTLET	267
CS3008-4	6FD-X225	FLOOR DRAIN ORGANIC TRAP OUTLET HEADER TO F D EVAP	267
CS3008-2	6FD-X198	FLOOR DRAIN ORGANIC TRAP BYPASS	267
CS3018-2	6FD-X103	FLOOR DRAIN DEMIN OUTLET TO COND TANKS	268
CS3018-3	6FD-X098	FLOOR DRAIN DEMINERALIZER INLET	268
CS3025-2	6FD-X095	FLOOR DRAIN EVAP SUB-COOLER TO F D TANKS	268
CS3021-1	6FD-X126	FLOOR DRAIN COND PUMPS SUCT CROSSOVER	269A
CS3025-3	6FD-X122	FLOOR DRAIN COND PUMP A TO FLOOR DRAIN TANKS	269A
CS3022-2	6FD-X115	FLOOR DRAIN COND PUMP A DISCHARGE	269A
CS3024-2	6FD-X161	FLOOR DRAIN COND PUMPS DISCH TO PLANT WTR REUSE TK	269A

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REV.	DATE	BY	APPROVED	EBASCO SERVICES INCORPORATED		WASHINGTON PUBLIC POWER SUPPLY SYSTEM	
				DIV. INSTRUMENTATION DR. RPF		NUCLEAR PROJECT NO 345	
				CH. A. JUGO		INSTRUMENT SCHEMATIC-LOGIC DIAGRAM	
				DATE JAN 30, 1979		WPPS-3240	
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