

J-10-0 SHT. 1

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SCHEMATIC/WIRING DIAG. DWG. REFERENCE TABLE

LOGIC SHT. NO.	CKT. NO.	SCHEMATIC	VENDOR PRINT	
			BECHTEL	BECCO
2,3,24	1	E-0208	J-200-500 514	8069345 8069346
4,5,24	2		1214,202 521	8069348 8069372
2,3,24	3		501 520	8069347 8069346
4,5,24	4		2255,503 522	8069351 8069352
6	5	E-0209	557	8069352
7,8	6		559	8069354
6	7		558	8069353
7,8	8		560	8069355
9	9		455	8069356
10	10		456	8069357
11	11		555	8069358
11	12		556	8069359
13	13	E-0211	441,1253	8069360 8069360
14	14		457	8069361
15	15		442	8069362
16	16		566	8069363
17	17		564	8069365
16	18		561	8069364
17	19		567	8069366
18	20	E-0212	568	8069367
19,20	21		569	8069369
19	22		563	8069368
19,20	23		570	8069370
24	31	Later	479	8069371
24	32	Later	480	8069372
24	33	Later	481	8069373
24	34	Later	482	8069374
12		E-0210		
21		E-0213		
22		E-0214		

CONTINUED AT RIGHT

1976 K041-1000-750 243

SHT.#	Q	REV.	TITLE
1	Q	B	INDEX SHEET
2	Q	7	SSWS PUMPS AP502 & CP502 START
3	Q	6	SSWS PUMPS AP502 & CP502 STOP
4	Q	7	SSWS PUMPS BP502 & DP502 START
5	Q	6	SSWS PUMPS BP502 & DP502 STOP
6	Q	7	SACS HX A1E201 & A2E201 OUTLET VLV
7	Q	7	SACS HX B1E201 & B2E201 OUTLET VLV
8	Q	5	SACS HX B1E201 & B2E201 OUTLET VLV (CONT'D)
9	Q	5	SACS LOOP A COOLING OUT TO CLG TWR HV-2357A
10	Q	5	SACS LOOP B COOLING OUT TO CLG TWR HV-2357B
11	Q	5	YARD DUMP VALVES
12	-	3	SERVICE WTR DEWATERING PUMP P263
13	Q	7	RACS HX COOLING SPLY/OUT VALVE
14	Q	7	RACS HX COOLING LOOP A SUPPLY HV-2203
15	Q	7	RACS HX COOLING LOOP B SUPPLY HV-2204
16	Q	6	LOOP A PUMP DISCH VALVES
17	Q	6	LOOP B PUMP DISCH. VALVES
18	Q	6	STRAINERS AF509 & CF509 MAIN BACKWASH VLV.
19	Q	6	STRAINERS BF509 & DF509 MAIN BACKWASH VLV.
20	Q	5	STRAINERS BF509 & DF509 MAIN BACKWASH VLV. (CONT'D)
21	Q	1	SPRAY BOOSTER PUMP DISCHARGE VALVES
22	Q	1	TRAVELING SCREEN SPRAY BOOSTER PUMPS
23	Q	5	SYS TROUBLE ALARMS AND COMPUTER POINTS
24	Q	6	ALARMS & COMPUTER INPUTS
25	Q	3	FUEL POOL & SACS CLASS IE MAKEUP ISLN & DRAIN VLV'S
26	Q	3	TEST ALARMS & OUT OF SERVICE ALARMS
27	Q	1	VACUUM BREAKERS
28	Q	1	OVERLOAD POWER FAILURE MONITOR
29	Q	0	SERVICE WATER PMP AP502 LUBE WTR FROM SV-22A7A
30	-	B	SSWS LUBE WTR HEAD TRNK LVL CONT'G STATUS LIGHTS
31	-	B	REMOTE PANEL TROUBLE ALARM AND COMPUTER POINT

CONTINUED

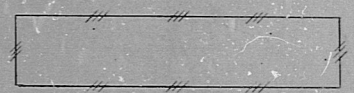
LOGIC SHT. NO.	CKT. NO.	SCHEMATIC	VENDOR PRINT	
			BECHTEL	BECCO
23	-	E-0799	1201	1201
25	28	E-0216	J-200-1254	8069954
25	29	E-0216	1248	955
25	30	E-0216	1255	956
25	43	E-0216	2197	8077-602
28	35	E-0799	2150	603
			2149	604
			2015	605
28	36			606
28	37			607
				608
28	38			609
27,29		E-0207		
30		E-0207		

ABBREVIATIONS
 CB - CIRCUIT BREAKER
 CC - CONTROL CONSOLE
 MCC - MOTOR CONTROL CENTER
 MD - MALFUNCTION DETECTOR
 OPE - OVERLOAD/POWER FAILURE
 RCP - REMOTE CONTROL PANEL
 RRU - REFRESH & RETRANSMIT UNIT
 RSP - REMOTE SHUTDOWN PANEL
 SWGR - SWITCHGEAR
 TC - TERMINAL CABINET

REFERENCES

1	P&ID STATION SERVICE WATER SYSTEM	M-10-1
2	DITS STATION SERVICE WATER SYSTEM	D3-9
3	LOGIC DIAGRAM STANDARD SYMBOLS	J-00-0
4	DELETED	
5	SCHEMATIC	SEE TABLE BELOW
6	WIRING DIAGRAM	SEE TABLE BELOW
7	LOOP DIAG. SERVICE WTR SYSTEM	J-4010-3
8	PANEL ARRANGEMENT 106651 - UNIT OPERATORS CONSOLE - LEGENDS	J-065H1
9	LOGIC DIAG. SAFETY AUXILIARIES COOLING	J-11-0
10	LOGIC DIAG. PLANT LEAK DETECTION SYST.	J-23-0
11	LOGIC DIAG. AUX BLDG. CHILLED WTR SYST.	H-90-0
12	LOGIC DIAG. OUT OF SVCE STATUS DISPLAY	J-101-0
13	LOGIC DIAG. HIGH RADN & LOCA ISLN SIG FANOUT	J-102-0
14	LOGIC DIAG. RMT SHUTDOWN PNL TAKEOVER HANOUT	J-103-0
15	LOGIC DIAG. SEQUENCER FAN OLT	J-105-0
16	LOGIC DIAG. BUS PWR FAILURE FAN OUT	J-106-0
17	P&ID BLDG EQPT DRAINS INTAKE STRUCTURE	M-97-0

NOTES
 1. ALL EQUIPMENT ON THIS DRAWING IS Q-LISTED EXCEPT AS NOTED OR IDENTIFIED BY THE FOLLOWING BOUNDARY:



2. THE BASIC POSITION SW. & TORQUE SW. NUMBERS FOR EACH VALVE ARE GIVEN IN THE TABLE. DASH NUMBERS TO IDENTIFY SPECIFIC SW. CONTACTS SHALL BE ADDED AS SHOWN ON THE DIAGRAM.
3. DELETED
4. DELETED.

PRO APERTURE CARD

NO.	DATE	REVISIONS	BY	CHKD	DESIGN	SUPV	ENGR	DRWG	APPV
1	4/18/72	REVISED AS NOTED							
2	6/17/72	DESIGN FREEZE ISSUE							
3	2/15/74	REVISED BAILEY INTERFACE AND AS NOTED							
4	9/11/74	INCORPORATED J-102-0, DCN 3; INCORPORATED J-105-0, DCN 3							
5	9/10/74	REVISED SHTS 1 THRU 13 THROUGH 19, 24 & 25 AS NOTED							
6	9/6/77	REVISED SHTS 1 THRU 20 & 23 & 24 & 25 AS NOTED; ADD'D SHIT 27							
7	4/4/79	REVISED AS NOTED							
8	7/17/79	REVISED AS NOTED							
9	5/1/79	USED FOR CONSTRUCTION							

BECHTEL
 SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
 HOPE CREEK GENERATING STATION

LOGIC DIAGRAM
 STATION SERVICE WATER SYSTEM

INDEX SHEET

JOB NO.	DRAWING NO.	REV.
10855	J-10-0 SHT. 1	8

S/U-EA EP

22 X 34 10" SIZE

RIDS

8307250608

