

J-01-0 SHT. 1

ABBREVIATION:  
 CV - CONTROL VALVE  
 MSV - MAIN STOP VALVE  
 COND - CONDENSER  
 MSTR SEPAR - MOISTURE SEPARATOR

SHEET NO.	REV	CONTENT
1	5	INDEX SHEET.
2	4	DRAIN VALVE TRIP STOP VALVE BEFORE SEAT DRAIN VALVE CONTROL FANOUT.
3	2	START-UP DRAIN VALVE HV-1026.
4	2	STOP VALVE BEFORE SEAT DRAIN VALVE CONTROL.
5	4	CONTROL VALVE BEFORE SEAT DRAIN VALVE HV-1015.
6	4	STEAM PIPE MOTOR OPERATED DRAIN VALVE CONTROL FANOUT.
7	3	STEAM PIPE MOTOR OPERATED DRAIN VALVES HV-1017 A+B.
8	4	CROSS <u>AROUND</u> PIPE DRAIN VALVES CONTROL FANOUT.
9	3	CROSS <u>UNDER</u> PIPE DRAIN VALVES.
10	4	AIR OPERATED STEAM <u>LEAD</u> DRAIN VALVES / MAIN STOP VALVE INTERLOCK.
11	4	EXHAUST HOOD SUPPLY BYPASS VALVE.
12	4	MISCELLANEOUS STEAM SUPPLY VALVES.
13	2	DELETED.
14	3	VALVE POSITION COMPUTER INPUTS.
15	1	DELETED.

REFERENCES:

1	P&ID - MAIN STEAM	M-01
2	DITS FOR MAIN STEAM SYSTEM	CB55-D31
3	LOGIC DIAGRAM STANDARD SYMBOLS	J-00-0
4	DELETED	
5	VENDOR DRAWINGS	SEE TABLE BELOW DITS
6	ANALOG LOOP DIAGRAM	J-4001-0
7	PANEL ARRANGEMENT C&SI OPERATORS CONSOLE LEGENDS	J-0051-1
8	SCHEMATICS	SEE TABLE BELOW
9	WIRING DIAGRAMS	SEE TABLE BELOW
10	ANALOG LOOP DIAG.	J-4005

SCHEMATIC / WIRING DIAG. DWG. REF. TABLE

LOGIC SHT. NO.	CRT. NO.	SCHEMATIC	VENDOR PRINT NO.	
			BECHTEL	BMCO
3	1	E-4145, E-4146, E-4147 SHT. 1	J-200(A)-40	CB069052
	2		-51	53
	3	E-4145	-52	54
	4	E-4149	-53	55
	5	E-4149	-54	56
	6	E-0148, E-4148, E-4145	-71	57
2, 6, 7	7	E-0149, E-4149, E-4145	-72	59
	8		-73	60
2, 8, 9	9		-74	62
	10		-75	63
	11	E-0149, E-4149, E-4143, E-4145	-76	64
	12		-77	65
	13		-78	66
10	14		-79	67
	15	E-0146 SHT. 2, E-4146	-44	68
	16		-45	70
11	17	E-0148, E-4148	-46	71

12	18		J-200(Q)-47	CB069072
	19		-48	73
	20		-49	74
9	21	E-0149, E-4149	-700	CB069639
	22		-701	40
	23		-702	41
2	24		-39	CB069051
	25			
	26		-42	61
10	27		-43	68
	28		-41	58

MAIN TURBINE DRAWING CROSS REFERENCE TABLE

DRAWING TITLE	DRAWING NO.	
	BECHTEL	G.E. NO.
TURBINE STEAM DRAIN RECOMMENDATIONS	M3-TP-18	254A3070
RECOMMENDED CONTROL CIRCUITS FOR STEAM DRAIN VALVE CONTROLS	M3-TH-25	155B2130
TURBINE WIRING DIAGRAM	M3-TH-3	142C2804
CONTROL RECOMMENDATIONS FOR AIR OPERATED STEAM PIPE DRAIN VALVES	M3-TH-56	155B2125
RECOMMENDED CONTROL CIRCUITS FOR MOTOR OPERATED VALVES	M3-TH-19	155B2111

PRO APERTURE CARD

NO.	DATE	REVISIONS	BY	CHKD	DESIGN	APPV
1	7/17/77	DESIGN FREEZE ISSUE				
2	10/17/78	REVISED BAILEY INTERFACE: SHTS 1, 3, 7, 9, 10 & 14 AS NOTED. DELETED SHT. 5				
3	7/31/77	INCORPORATED DCN NO.				
4	11/17/77	REVISED SHTS. 1, 2, 6, 8, 12 & 14 AS NOTED				
5	6/17/77	REVISED AS NOTED				
6	6/17/77	ISSUED FOR CONSTRUCTION				

BECHTEL  
 SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
 HOPE CREEK GENERATING STATION

LOGIC DIAGRAM  
 MAIN STEAM  
 INDEX SHEET

JOB NO.	DRAWING NO.	REV.
1065	J-01-0 SHT. 1	5

S/V ABAC

RIDS

839770231

