

J-57-0 SHT. 1

SCHEMATIC/WIRING DIAG DWG REF TABLE

LOGIC SHT. NO.	CKT. NO.	SCHEMATIC	VENDOR PRINT NO.	
			BECHTEL	DMCO
2	1	E-0298	J200-Q-382	2065497
	2		390	500
	3		391	498
	4		380	501
	5		378	502
	6		374	503
	7		379	504
3	9	E-0299	377	507
	10		386	508
	11		394	509
	12		372	510
	13		1478	684
	14		384	511
	15		392	512
	16		389	513
	17		393	514
	18		1479	685
	19		402	515
	20		399	516
	21		890	517
4	1	E-0298	375	518
	2		376	519
	3		373	520
	4		404	521
	5		401	522
	6	382	497	
	7	891	527	
	8	892	528	
	9	380	501	
	10	893	854	
5	1	E-0300 SHT. 1	894	855
	2		528	523
	3		529	524
	4		529	524
	5		530	525
	6		531	526
6	1	E-0312	532	529
	2		533	530
	3		478	532
	4		547	533
	5		548	534
	6		549	535
	7		550	536
7	8	E-0302	551	537
	9		552	538
	10		553	539
	11		554	540
	12		555	541
	13		556	542
	14		537	543
	15		538	544
8	16	E-0303	538	544
	17		538	544
	18		538	544
	19		538	544
10	20	E-0298	(LATER)	(LATER)
	21		395	505
	22		383	506
	23		534	531
	24		1480	686
	25		1481	687
	26		2127	8077575
	27		2125	576
	28		2126	577
	29		1994	578
18	30	E-0313	1933	579
	31		2172	580
	32		2085	581
	33		2084	582
	34		2083	583
19	35	LATER	LATER	LATER
	36		LATER	LATER

SHT. NO.	Q	REV.	TITLE
1	Q	6	INDEX SHEET
2	Q	6	PREPURGE CLEANUP ISLN VALVES
3	Q	6	HYDROGEN/OXYGEN ANALYZER ISLN VALVES
4	Q	6	PREPURGE BLOWER INTERLOCKS
5	Q	6	BLEED VALVES PURGE EXHAUST ISLN VALVES
6	Q	4	N2 SUPPLY VALVE AND H2/O2 ISLN VALVE OVERRIDE ALARMS
7	-	6	TORUS TO DRYWELL VACUUM RELIEF VALVES
8	Q	5	REACTOR BLDG TO TORUS VACUUM RELIEF VALVE
9	-	4	DELETED
10	Q	4	ALARMS
11	Q	3	CONTAINMENT ISLN VALVE OVLDFWR FAIL ALARM
12	Q	3	REACTOR BLDG N2 SUPPLY ISLN VALVE
13	Q	4	REACTOR BLDG N2 SUPPLY ISLN VALVE
14	Q	4	FEED ISLN VALVE HV-4974
15	Q	4	PREPURGE CLEANUP ISLN OVERRIDE ALARM
16	Q	2	DELETED
17	Q	2	H2/O2 ANALYZER H2 SUPPLY VALVE
18	Q	1	OVLDF/POWER FAILURE MONITOR
19	Q	0	ΔP CONTROL SYSTEM ISOLATION VALVES
20	-	0	ΔP CONTROL SYSTEM BLOWERS AV217, BV217

REFERENCES

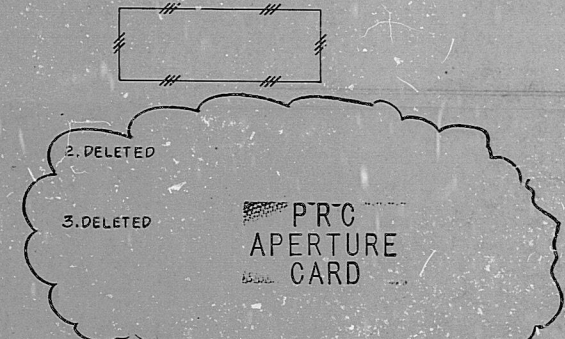
1	P & ID CONTAINMENT ATMOSPHERE CONTROL	M-57
2	DITS - CONTAINMENT ATMOSPHERE CONTROL	03.40
3	LOGIC DIAGRAM STANDARD SYMBOLS	J-00-0
4	DELETED	
5	VENDOR DRAWING	J359(Q)-15
6	SCHEMATIC	SEE TABLE BELOW
7	WIRING DIAGRAM	
8	LOOP DIAG CONTAINMENT ATMOSPHERE CONTROL	J-4057
9	PANEL ARRANGEMENT 10CESO VERTICAL BOARD	J-0650-1
10	LOGIC DIAGRAM CTMT H2 RECOMBINATION SYSTEM	J-58-0
11	LOGIC DIAGRAM REACTOR BLDG. SUPPLY	H-83-0
12	LOGIC DIAGRAM PLANT LEAK DETECTION	J-25-0
13	LOGIC DIAG QE GENERATED LOCAL ISLN SIGNALS PANEL	J-102-0

ABBREVIATIONS:

- MCC - MOTOR CONTROL CENTER
- TC - TERMINAL CABINET
- VB - VERTICAL BOARD
- RCP - REMOTE CONTROL PANEL
- PWR DISTR PNL - POWER DISTRIBUTION PANEL
- CPCS - CONTAINMENT-PREPURGE CLEANUP SYSTEM
- HOAS - H2/O2 ANALYZER SYSTEM
- OIAC - OPTICAL ISOLATOR AUXILIARY CABINET

NOTES:

- ALL EQUIPMENT SHOWN ON THIS DRAWING IS Q LISTED EXCEPT THAT IDENTIFIED BY THE FOLLOWING BOUNDARY:



NO.	DATE	REVISION	BY	CHKD	APP'D
1	1/17/72	DESIGN FREEZE ISSUE	RCG	IL	AMK
2	1/22/72	REVISED RAILLY INTERFACE AND AS NOTED, ADDED SHT 12 INC TO REF 12 & 3, ADDED SHEET 17	RCG	IL	AMK
3	1/23/72	REVISED SHTS. 1 THRU 10, 12 THRU 15 AS NOTED; REDRAWN SHT 11; ADDED SHT 16	RCG	IL	AMK
4	1/23/72	REVISED AS NOTED, ADDED SHTS 11 THRU 15	RCG	IL	AMK
5	1-21-72	REVISED AS NOTED	RCG	IL	AMK
6	8-21-72	ISSUED FOR CONSTRUCTION	HA	AMK	DS

SCALE: NONE

DESIGNED: IJL

DRAWN: RCG

**BECHTEL**  
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
HOPE CREEK GENERATING STATION

LOGIC DIAGRAM  
CONTAINMENT ATMOSPHERE CONTROL  
INDEX SHEET

JOB No.	DRAWING No.	REV.
10055	J-57-0	SHT 1 6 0

S/U - GS, KH

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RIDS

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