



SIZE E

SYSTEM - GJ

REF.	REFERENCE DWGS	DATE	VENDOR
1	GENERAL WATER	12-78	
2	CONTROL AREA CONTROL DIAGRAM	12-78	
3	DIESEL AREA CONTROL DIAGRAM	12-78	
4	SAFETY AUXILIARY COOLING SYSTEM	12-78	
5	PROCESS STREAMING UNIT	12-78	
6	REACTOR BLDG. SUPPLY DIAGRAM	12-78	
7	CONTROL AREA CHILLED WATER SYSTEM	12-78	
8	STEAM-DRIVEN WATER PUMP	12-78	
9	SAFETY AUXILIARY COOLING SYSTEM	12-78	
10	REPAIR, MAINTENANCE FLOW SCHEMATIC		CARRIER
11	REPAIR, MAINTENANCE ITEM LIST		CARRIER

- NOTES:
- THE CONTROL EQUIP ROOM A/C UNITS, SWITCHGEAR ROOM COOLING AND THE CHILLED WATER SYSTEM HEAD TANKS ARE LOCATED IN THE AUXILIARY BUILDING DIESEL AREA H-2 V EQUIPMENT ROOM.
 - THE CONTROL ROOM CHILLED WATER IS A SEISMIC CATEGORY I SYSTEM EXCEPT AS NOTED.
 - AIR VENTS SHALL BE INSTALLED AS REQUIRED.
 - COILS AND COIL PIPING ARE STARTUP SYSTEM OR, COOL DOWN.
 - DELETED.
 - AW'S ARE NOT Q.
 - THIS P&ID CONTAINS SYSTEMS OR PORTIONS OF SYSTEMS:
 - GJ - AUX. BLDG. (CONTROL AREA) CHILLED WATER
 - GR - AUX. BLDG. (CONTROL AREA) CHILLED WATER
 - GM - AUX. BLDG. (D.G. AREA) HVAC
 - GR - REACTOR BLDG. HVAC
 - SELECTOR SWITCH HBD-6810 D IS A BWP CHANNEL TRANSFER SWITCH. THIS SWITCH IS SHOWN ONLY ONCE. THIS IS ID, BUT THE SWITCH IS ALSO SHOWN OTHER P&ID'S.

WATER CHILLED VENDOR SUPPLY INSTRUMENTS

INSTR.	INSTR. FUNCTION	VENDOR ITEM LIST	REVISION
25-4620-B	COOL. SUPPLY TEMP	12-78	
25-4620-C	COOL. SUPPLY TEMP	12-78	
25-4620-D	COOL. SUPPLY TEMP	12-78	
25-4620-E	COOL. SUPPLY TEMP	12-78	
25-4620-F	COOL. SUPPLY TEMP	12-78	
25-4620-G	COOL. SUPPLY TEMP	12-78	
25-4620-H	COOL. SUPPLY TEMP	12-78	
25-4620-I	COOL. SUPPLY TEMP	12-78	
25-4620-J	COOL. SUPPLY TEMP	12-78	
25-4620-K	COOL. SUPPLY TEMP	12-78	
25-4620-L	COOL. SUPPLY TEMP	12-78	
25-4620-M	COOL. SUPPLY TEMP	12-78	
25-4620-N	COOL. SUPPLY TEMP	12-78	
25-4620-O	COOL. SUPPLY TEMP	12-78	
25-4620-P	COOL. SUPPLY TEMP	12-78	
25-4620-Q	COOL. SUPPLY TEMP	12-78	
25-4620-R	COOL. SUPPLY TEMP	12-78	
25-4620-S	COOL. SUPPLY TEMP	12-78	
25-4620-T	COOL. SUPPLY TEMP	12-78	
25-4620-U	COOL. SUPPLY TEMP	12-78	
25-4620-V	COOL. SUPPLY TEMP	12-78	
25-4620-W	COOL. SUPPLY TEMP	12-78	
25-4620-X	COOL. SUPPLY TEMP	12-78	
25-4620-Y	COOL. SUPPLY TEMP	12-78	
25-4620-Z	COOL. SUPPLY TEMP	12-78	

WATER CHILLED VENDOR SUPPLY VALVES

VALVE NO.	VALVE FUNCTION	VENDOR ITEM LIST	REVISION
V101	ISOLATION VALVE	12-78	
V102	ISOLATION VALVE	12-78	
V103	ISOLATION VALVE	12-78	
V104	ISOLATION VALVE	12-78	
V105	ISOLATION VALVE	12-78	
V106	ISOLATION VALVE	12-78	
V107	ISOLATION VALVE	12-78	
V108	ISOLATION VALVE	12-78	
V109	ISOLATION VALVE	12-78	
V110	ISOLATION VALVE	12-78	
V111	ISOLATION VALVE	12-78	
V112	ISOLATION VALVE	12-78	
V113	ISOLATION VALVE	12-78	
V114	ISOLATION VALVE	12-78	
V115	ISOLATION VALVE	12-78	
V116	ISOLATION VALVE	12-78	
V117	ISOLATION VALVE	12-78	
V118	ISOLATION VALVE	12-78	
V119	ISOLATION VALVE	12-78	
V120	ISOLATION VALVE	12-78	

WATER CHILLED AUXILIARY COMPONENTS

EQUIPMENT NO.	COMPONENT DESCRIPTION	VENDOR ITEM LIST	REVISION
BP-400	CHILLED WATER PUMP	12-78	
BP-401	CHILLED WATER PUMP	12-78	
BP-402	CHILLED WATER PUMP	12-78	
BP-403	CHILLED WATER PUMP	12-78	
BP-404	CHILLED WATER PUMP	12-78	
BP-405	CHILLED WATER PUMP	12-78	
BP-406	CHILLED WATER PUMP	12-78	
BP-407	CHILLED WATER PUMP	12-78	
BP-408	CHILLED WATER PUMP	12-78	
BP-409	CHILLED WATER PUMP	12-78	
BP-410	CHILLED WATER PUMP	12-78	

PRC APERTURE CARD

NO.	REVISION	DATE	BY	CHKD.	APP'D.
1	ISSUED FOR CONSTRUCTION	12-78			
2	REVISION	12-78			
3	REVISION	12-78			
4	REVISION	12-78			
5	REVISION	12-78			
6	REVISION	12-78			
7	REVISION	12-78			
8	REVISION	12-78			
9	REVISION	12-78			
10	REVISION	12-78			
11	REVISION	12-78			
12	REVISION	12-78			
13	REVISION	12-78			
14	REVISION	12-78			
15	REVISION	12-78			
16	REVISION	12-78			
17	REVISION	12-78			
18	REVISION	12-78			
19	REVISION	12-78			
20	REVISION	12-78			

BECHTEL
SAN FRANCISCO

PHUSIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

P&ID
AUXILIARY BUILDING CONTROL AREA
CHILLED WATER SYSTEM
CONTROL AREA CHILLERS

JOB NO. 10955
DESIGN NO. M-90-1
SHEET 4 OF 4

LAST INSTR. NO. USED 9643 (GP)
INSTR. NOS. THIS DWG. 9634 TO 9643

RIDS

8307270156

