



ENGINE JACKET WATER COOLING SYSTEM
 TYPICAL FOR THREE ENG-GEN UNITS
 REF. DWG DC-663082-17

NOTES:

1. THIS SYSTEM PROVIDED COMPLETELY INSTALLED WITH ENGINE-GEN. UNITS.
2. { } MANUFACTURER NO.
3. ENGINE DRIVEN JACKET WATER PUMP. (82-C)
4. MOUNTED ON ENGINE CONTROL PANEL. (81-B, 82-B & 85-D)
5. SELF-CONTAINED CONTROL VALVE, FOR OPERATION SEE MANUFACTURER TECHNICAL MANUAL DC-GG3082-80 (85-D) (VALVE SHOWN IN HOT POSITION.)
6. PENBERTHY N7B-ST5 TUBULAR GAUGE GLASS VALVES (82-E)
7. CAP WITH SPRING RELIEF FOR VENT/VACUUM (84-E)
8. WALWORTH CO. MOD. #14 FOR D/G 1-1 & 1-2; 45VI FOR D/G 1-3 (86-E)
9. LUNKENHEIMER MOD. #123 FOR D/G 1-2 & 1-3 ONLY (82-C)

* DENOTES MANUFACTURER SUPPLIED INSTRUMENTS AND EQUIPMENT. IT IS ACCEPTABLE TO REPLACE MANUFACTURER SUPPLIED INSTRUMENT TUBING WITH PG&E SUPPLIED 5-SPEC STAINLESS STEEL TUBING.

INSTRUMENT SERVICE		SYM.	UNIT 1-1	UNIT 1-2	UNIT 1-3
J.W. PRESS. SW. - PERMISSIVE FOR PRE. CIRC. L.O. PUMP ALARM	PS	206	217	231	
J.W. PRESS. SW. ENG. START CKT.		217	229	233	
J.W. PRESS. SW. PRE-CIRC. L.O. PP. & CRANKCASE EXHAUSTER START		218	230	234	
		207	228	232	
J.W. RADIATOR BY PASS VALVE	TCV	3	4	5	
HIGH J.W. TEMP. ALARM SWITCH/THERMOWELL	TS/TW	94	101	104	
HIGH J.W. TEMP. SHUTDOWN SWITCH/THERMOWELL	TS/TW	95	102	105	
J.W. TEMP. INDICATOR HEATER START SWITCH	TIS	107	108	109	
J.W. FLOW BALANCING ORIFICE	RO	89	90	91	
		106	108	110	
		107	109	111	
J.W. EXPANSION TK. PRESS. RELIEF CAP	RV	71	72	75	
LOW J.W. EXPANSION TK. LEVEL ALARM SW.	LS	222	229	230	
J.W. PRESSURE (INDICATING TRANSMITTER)	PIT	612	643	645	
J.W. EXPANSION TK. LEVEL IND	LI	76	77	78	
J.W. TEMP INDICATOR/THERMOWELL	TI/TW	506	507	508	
J.W. TEMP INDICATOR	TI	1030	1035	1036	

DIABLO CANYON POWER PLANT - PG&E CO. DIESEL ENGINE-GENERATOR ASSOCIATED SYSTEMS			
DRAWING	SHEET	PAGE	REV
102021	8	0	65

UNIT 1

RASTER=102021.s8.dgn
 DGN=102021.s8.dgn
 CAD User: ADMI Date: 02-17-2009