



TR-3289-12 WISC. GEN. TEMPERATURES (OC-650)

NO. POINT	SENSOR	DESCRIPTION
1	TR-33078	GEN. STATOR INLET WATER
2	TR-33078	GEN. STATOR OUTLET WATER
3	TR-7203	HOT AIR TO ALTERNATOR COOLER
4	TR-7204	COLD AIR FROM ALTERNATOR COOLER
5	TR-7202A	ALTERNATOR HOT AIR
6		
7		
8		
9		
10		
11	TR-7200	COLD AIR TO GEN. COLLECTOR
12	TR-7201	HOT AIR FROM GEN. COLLECTOR
13		
14		
15		
16	TR-7404	HOT H ₂ TO GEN. COOLER #1
17	TR-7405	HOT H ₂ TO GEN. COOLER #2
18	TR-7406	COLD H ₂ FROM GEN. COOLER #1
19	TR-7407	COLD H ₂ FROM GEN. COOLER #2
20		SPARE
21		
22		
23		
24		
33277-2		GEN. T1 BUSHING (C.C. WTC OUT)
1	TR-7242	T1
2	TR-7243	T2
3	TR-7244	T3
4	TR-7245	T4
5	TR-7246	T5
6	TR-7247	T6
7		SPARE
8		
9		
10		
11		
12		

SYSTEM CC

NO.	REFERENCE DRAWING	REVISION	DATE
1	GEN. CONTROL PIPING DIAG.	M-650	10/20/50
2	GEN. CONTROL PIPING DIAG.	M-650	10/20/50
3	ANALOG LOOP DIAG.	M-650	10/20/50
4	CONTROL LOGIC PROGRAM	M-650	10/20/50
5	STATOR WPM COOLING SYSTEM	M-650	10/20/50
6	CO ₂ SUPPLY PIPING	M-652	10/20/50
7	CO ₂ SUPPLY CONTROL	M-652	10/20/50

- NOTES:
1. ALL LINES MARKED WITH DITCH SYMBOL SHALL BE AT LEAST 1/4" PER FOOT MINIMUM.
 2. ALL DRAIN PLUGS AND VALVES TO BE IN EASILY ACCESSIBLE LOCATIONS.
 3. ALL CONNECTIONS INTO THE VENT LINE SHALL BE AT LEAST 6" ABOVE VALVE Y028.
 4. THIS RECORD ALSO RECORDS TEMPERATURE SIGNALS FROM HIGH VOLTAGE BUSHING OUTLETS, STATOR COOLING WATER INLET AND OUTLET, COLLECTOR AIR INLET, ALTERNATOR SLOTS, AND ALTERNATOR AIR TO AND FROM COOLER.
 5. PCV 3527 AND PCV 3528 ARE SET AT 85 AND 95 PSIG RESPECTIVELY.
 6. PIPING AND FITTINGS WITHIN CHEMETRON PACKAGE TO BE SUPPLIED AND INSTALLED BY M-650 FIRE PROTECTION CONTRACTOR. EQUIPMENT AND VALVES TO BE SUPPLIED BY CHEMETRON (M-650).
 7. THIS P&ID CONTAINS SYMBOLS OR PORTIONS OF SYSTEMS:
 - CC - GENERATOR GAS CONTROL
 - SW - SAFETY & "TRIP" AUXILIARIES
 - COOLING
 - KM - SERVICES GASES

PRO APERTURE CARD

DESIGNED BY	DATE	SCALE
DRAWN BY		
CHECKED BY		
APPROVED BY		
DECHTEL SAN FRANCISCO		
PUBLIC SERVICE ELECTRIC AND GAS COMPANY NOVA CREEK GENERATING STATION		
P&ID GENERATOR GAS CONTROL		
REV. NO.	REVISION	DATE
1005	M-28-1	3

RIDS

4307250793

