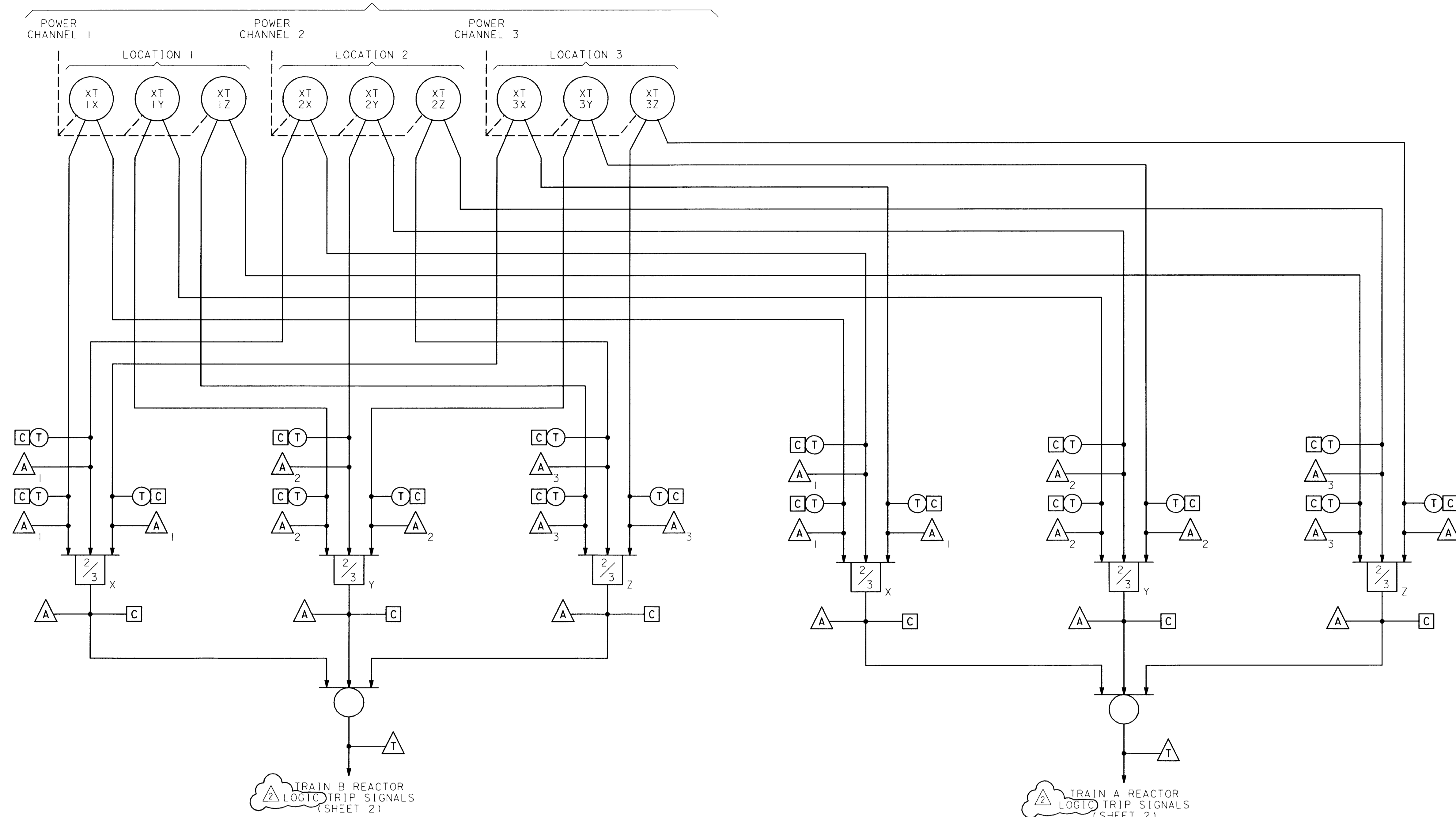


SEISMIC TRIP



NOTES

1. SHEET NUMBERS REFER TO THE REFERENCE NUMBERS BELOW.
2. WHENEVER A PROCESS SIGNAL IS USED FOR CONTROL AND IS DERIVED FROM A PROTECTION CHANNEL, ISOLATION MUST BE PROVIDED.
3. THIS DRAWING ILLUSTRATES THE FUNCTIONAL REQUIREMENTS OF THE REACTOR CONTROL AND PROTECTION SYSTEM. THIS DRAWING DOES NOT REPRESENT ACTUAL HARDWARE IMPLEMENTATION. FOR HARDWARE IMPLEMENTATION, REFER TO THE APPLICABLE SCHEMATIC DIAGRAM(S).

REFERENCES

NO.	DESCRIPTION	WE DWG	PG&E DWG
1.	FUNCTIONAL DIAG - INDEX AND SYMBOLS	5653074-1	495871
2.	FUNCTIONAL DIAG - REACTOR TRIP SIGNALS	5653074-2	495872
3.	FUNCTIONAL DIAG - NUCLEAR INSTR AND MANUAL TRIP SIGNALS	5653074-3	495873
4.	FUNCTIONAL DIAG - NUCLEAR INSTR PERMISSIVES AND BLOCKS	5653074-4	495874
5.	FUNCTIONAL DIAG - PRIMARY COOLANT SYSTEM TRIP SIGNALS	5653074-5	495875
6.	FUNCTIONAL DIAG - PRESSURIZER TRIP SIGNALS	5653074-6	495876
7.	FUNCTIONAL DIAG - STEAM GENERATOR TRIP SIGNALS	5653074-7	495877
8.	FUNCTIONAL DIAG - SAFEGUARDS ACTUATION SIGNALS	5653074-8	495878
9.	FUNCTIONAL DIAG - ROD CONTROLS AND ROD BLOCKS	5653074-9	495879
10.	FUNCTIONAL DIAG - STEAM DUMP CONTROL	5653074-10	495880
11.	FUNCTIONAL DIAG - PRESSURIZER PRESSURE AND LEVEL CONTROL	5653074-11	495881
12.	FUNCTIONAL DIAG - PRESSURIZER HEATER CONTROL	5653074-12	495882
13.	FUNCTIONAL DIAG - FEEDWATER CONTROL AND ISOLATION	5653074-13	495883
14.	FUNCTIONAL DIAG - FEEDWATER CONTROL AND ISOLATION	5653074-14	495884
15.	FUNCTIONAL DIAG - AUXILIARY FEEDWATER PUMPS STARTUP	5653074-15	495885
16.	FUNCTIONAL DIAG - TURBINE TRIPS, RUNBACKS & SIGNALS	5653074-16	495886
17.	FUNCTIONAL DIAG - AMSAC SIGNALS	5653074-17	495887
18.	FUNCTIONAL DIAG - SEISMIC TRIP	8759077	495888
19.	FUNCTION DIAG REACTOR - TURBINE - GENERATOR PROTECTION		500800
20.	SCHEMATIC DIAG - REACTOR TRIP		441489
21.	SCHEMATIC DIAG - SEISMIC TRIP		693512-6

NUCLEAR SAFETY RELATED

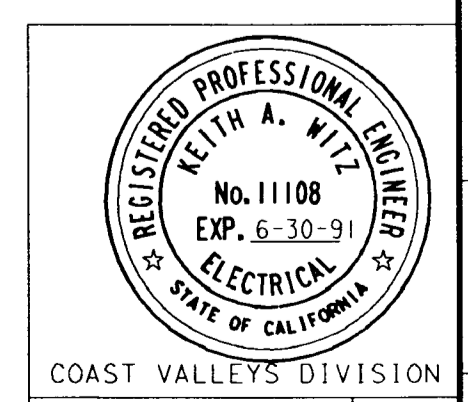
DWG TYPE	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
PROJECT	DIABLO																														
INSTALLATION	DIVISION																														
NAME																															
MISC																															
DD CODE																															
HOURS																															
CADD																															
DRAWING																															

2	JOHN W. HEFLER	E 9995	9-30-99
REV	REGISTERED ENGINEER	SIGNATURE	EXP DATE

KEY DWG--SECT 3 UNIT 2

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY	NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
2	7-23-96	REVISED TRAIN A & B REACTOR LOGIC TRIP SIGNALS (W/RE SHUNT TRIP SIGNALS) PER FCT-20848	EOB	OGM	W	W									
1	3-13-90	REDESIGNED WITHOUT CHANGE FOR UNIT 2 FROM DWG 693512-13, UNITS 1&2; ADDED SEISMIC TRIP (DC2-EE-42330-R1)	WAA	VAL	JC	SLW	TFF								

APPROVED BY	GM 169972	DIABLO	UNIT 2
BY	SUPV J. CUENCO	FUNCTIONAL DIAGRAM	SEISMIC TRIP
DESIGN	V. A. LIM	PACIFIC GAS AND ELECTRIC COMPANY	
DWN	W. ALBOVITAS	SAN FRANCISCO, CALIFORNIA	
CHKD	L. C. VEGA	495888	
DATE	OK	REV 2	
SCALE	NONE	SHEET NO.	



COAST VALLEYS DIVISION	BILL OF MATL
MICROFILM	DWG LIST
	SUPDS 693512-13
	SUPSD BY
	SHEET NO.
	SHEETS
	REV 2