

BASTIER-495881-L.dgn  
DON-495881-L.dgn  
CADD User:ZNS4 Date: 04-25-2013

#### REFERENCES

1. FUNCTIONAL LOGIC DIAGRAM INDEX AND SYMBOLS .....	5653074-1 .....	495871
2. FUNCTIONAL LOGIC DIAGRAM REACTOR TRIP SIGNALS .....	5653074-2 .....	495872
3. FUNCTIONAL LOGIC DIAGRAM NUCLEAR INSTR AND MANUAL TRIP SIGNALS .....	5653074-3 .....	495873
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#### WE DWG PG&E DWG

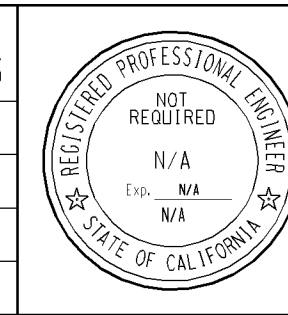
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#### NOTES:

1. ALL CIRCUITS ON THIS SHEET ARE NOT REDUNDANT.
2. LOCAL CONTROL OVERRIDES ALL OTHER SIGNALS. LOCAL OVERRIDE ACTUATES ALARM IN CONTROL ROOM.
3. OPEN/SHUT INDICATION IN CONTROL ROOM.
4. SHEET NUMBERS REFER TO THE REFERENCE NUMBERS BELOW.
5. WHENEVER A PROCESS SIGNAL IS USED FOR CONTROL AND DERIVED FROM A PROTECTION CHANNEL, ISOLATION MUST BE PROVIDED.
6. THIS ILLUSTRATES THE FUNCTIONAL REQUIREMENTS OF THE REACTOR CONTROL AND PROTECTION SYSTEM. THIS DRAWING DOES NOT REPRESENT ACTUAL HARDWARE IMPLEMENTATION. FOR HARDWARE IMPLEMENTATION, REFER TO APPLICABLE SCHEMATIC.
7. CHANNEL SELECT IS A SOFTWARE FUNCTION THAT SELECTS THE 2ND HIGHEST SIGNAL.
8. LEVEL CHANNELS SELECT IS A SOFTWARE FUNCTION THAT SELECTS THE MEDIAN CHANNEL.

KEY DWG, SECTION 3

DATE	04-25-2013
D.D.	ZNS4
R.E.	FXC2
I.V.	LAL3
P.E.	N/A



REVISION DESCRIPTION
REVISED PER DON-24925

UNIT 2
I & C
FUNCTIONAL LOGIC DIAGRAM
PRESSURIZER PRESSURE & LEVEL CONTROL
DIAO CANTON POWER PLANT
PACIFIC GAS AND ELECTRIC COMPANY
SAN FRANCISCO, CALIFORNIA

DWG SCALE:				
BILL OF MATL:				
SUPSDS:				
SUPSD BY:				
DRAWING		SHEET	PAGE	REV
495881		1	0	3