



NOTES:

9) FIELD TO RETAG NEW HGIII RELAYS IN FOLLOWING LOCATIONS AS FOLLOWS:
 LOCATION NEW TYPE NEW TAG EXISTING TAG
 FB 125 VDC 62X-3/PBA 120 VAC PSX-0741-B
 FC 125 VDC SPARE 120 VAC PSX-0741-DD
 GA 120 VAC PSX-0741B 125 VDC 62X-3/PBA
 GB 120 VAC PSX-0741DD 125 VDC SPARE
 GD 125 VDC 3Y-ESQ 120 VAC SPARE
 GE 120 VAC SPARE 125 VDC SPARE

10) FIELD TO REMOVE WIRES TERMINATED ON GA-5, GA-6, GB-5, GB-6, GC-4, GB-8, GE-3, GE-7, GF-3, GF-7 FROM THE EXISTING WIREWAYS AND ADD NEW WIRES IN FLEX CONDUITS TO J543.

REFERENCE DRAWINGS

SCHEMATICS

E-9616(Q) SH 543
 E-9616(Q) SH 11A 1D 2,3,13A
 E-9616(Q) SH 12,34,7E,8
 E-9616(Q) SH 3410
 E-9616(Q) SH 2

WORK ITEM 2 CHANGES SHOWN THUS: (C)

WORK ITEM 3 CHANGES SHOWN THUS: (C)

WORK ITEM 5 NO 2 & 3

NOTE: ITEM 5 SYSTEM MDD PER NUREG 0578 PH II

NOTES:

1. SEE RELAY SVX-0738 FOR TYPICAL INTERNAL WIRING FOR ALL AUXILIARY RELAYS.

2. SEE RELAY AG FOR TYPICAL INTERNAL WIRING FOR ALL TIME DELAY ON RELAYS.

3. SEE DRAWING E-9616(Q) SH 543 FOR WIRING OTHER THAN THIS DRAWING.

4. AUX RELAYS FA, GA, GB, GD ARE 120V AC TYPE HGA RELAYS. ALL OTHER AUX. RELAYS ARE 125VDC TYPE HGA RELAYS.

5. FIELD TO REPLACE EXISTING AGASTAT TIME DELAY RELAY WITH NEW RELAY ORDERED ON MR 12447-039-E-29 (Q), ITEM 2.

6. SEE RELAY (AG) FOR TYPICAL INTERNAL WIRING FOR ALL TIME DELAY OFF RELAYS.

7. FIELD TO REPLACE ALL EXISTING AUXILIARY RELAYS GE HGIII WITH NEW HIGH-SEISMIC AUXILIARY RELAYS GE TYPE HGIII PROCURED ON MR-12447039-E27(Q) AS DESCRIBED BELOW:

EXISTING	NEW
a) ALL 125VDC RELAYS	ALL 125VDC RELAYS
b) AUX RELAYS FA, GA, GB, GD	120VAC RELAYS GB (SD)
c) AUX RELAYS FB, FC, GD	125VDC RELAYS (SEE FIELD)

8. FIELD TO REPLACE EXISTING TIME DELAY RELAYS AF, BF, DG, EF, FG WITH CLASS I RELAY MODELS SHOWN ON THIS DWG.

TERA APERTURE CARD

PH II	REVISIONS	DATE	BY	CHKD	APP'D	REASON
PH II	1	11/11/79	W. ORTELL			REVISED RELAYS FB/FC FOR ITEM 3. CPCO FC-493
PH II	2	11/11/79	W. ORTELL			REVISED TIME DELAY RELAYS AG/AG. ADDED NOTE 118 FOR ITEMS 2 & 3. CPCO SFC-80-216
PH I	3	11/11/79	W. ORTELL			DELETED PSX-0741B, PSX-0741DD, PSX-0741B, PSX-0741DD, PSX-0741B, PSX-0741DD
PH I	4	11/11/79	W. ORTELL			REMOVED HOLD & DELETED ITEM 6 CHANGES.
PH I	5	11/11/79	W. ORTELL			REMOVED CHANGES FOR PSX-0741B, PSX-0741DD, PSX-0741B, PSX-0741DD
PH I	6	11/11/79	W. ORTELL			REVISED AUX RELAYS FOR ITEM 2.
PH I	7	11/11/79	W. ORTELL			ISSUED FOR CONSTRUCTION.
PH I	8	11/11/79	W. ORTELL			ISSUED FOR CONSTRUCTION.

BECHTEL
 ANN ARBOR, MICHIGAN

INFORMATION ONLY

BECHTEL POWER CORP RECEIVED
 SEP 18 1981
 JOB 17447 FIELD DOCUMENT CONTROL

SYSTEMS MODIFICATION PER NUREG 0578

CONNECTION DIAGRAM
 JUNCTION BOX J541

JOB No.	DRAWING No.	REV.
2447-039-E-9616(Q) SH 541	8	

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