



DEVICE	DESCRIPTION	AMP	TYPE	37V48 NO.
130-151	TRANSFORMER OVERCURRENT RELAY	G.E.	1ACS2	1244340000
1300	TRANSFORMER GROUND OVERCURRENT RELAY	G.E.	1AC11	1244340000
31A	TRANSFORMER HORIZONTAL OVERCURRENT RELAY	G.E.	1ACS3	1244340000
23	BUS UNDERVOLTAGE RELAY	G.E.	1AV53	1244340000
136	TRANSFORMER LOCKOUT RELAY	G.E.	1H4	1244340000
AI	AMMETER	G.E.	AB40	30-100137E
V	VOLTMETER	G.E.	AB40	30-100137E
IT	CURRENT TRANSFORMER	G.E.	47E	1244340000
TS	TEST SWITCH	W.	FT-1	1244340000
AT	AMMETER	G.E.	AB40	30-100137E
TS-1	TEST SWITCH	W.	FT-1	1244340000

THE FIRST DIGIT OF DEVICE NUMBER IS USED TO DESIGNATE VOLTAGE LEVEL

4	ABOVE 75 KV
3	75 KV
2	15.0 KV
1	480 V.
NO NUMBER	480V & BELOW

FOR ROLF CASEY ONLY.
FOR CALLAWAY ONLY.

SERVICE	BREAKER NO.	FULL LOAD AMP	TRIP TYPE	TRIP SETTING (Amps)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)	TRIP TIME (Sec)
MAIN	0210,0401	1200	ACC-50	1400	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X
TIE	0216	720	ACC-50	1400	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X
MCC	0204, 0207	600	ACC-30	800	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X
150 HP	0204	171	ACC-30	300	1.0X	100	1.0X	100	1.0X	100	1.0X	100	1.0X	100	1.0X
49 KW	0203, 0403	59	ACC-30	300	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X
75 KW	0409	98	ACC-30	300	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X
84 KW	0205	110	ACC-30	300	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X	100	0.9X
150 HP	0402	174	ACC-30	300	1.0X	100	1.0X	100	1.0X	100	1.0X	100	1.0X	100	1.0X

- NOTES:
- FOR MANUFACTURER, TYPE AND STYLE NUMBERS OF ALL MATERIALS ON MAIN CONTROL BOARD (MCC) SEE DIV. 10-466-J-04016
 - FOR GENERAL NOTES AND EQUIPMENT LOCATION, INDEX SEE DIV. 10-466-B-01006
 - FOR PROTECTIVE RELAY FUNCTIONS, SEE LOGIC DIAGRAM 10-466-B-01006 THRU 8-01004
 - EQUIVALENT RELAY CAN BE SUBSTITUTED IF NECESSARY.
 - CABLES ASSOCIATED WITH L.C. 4802 AND L.C. 4803 ARE SEPARATION GROUP 3.
 - DELETED
- EACH CIRCUIT BREAKER IS EQUIPPED WITH SOLID STATE OVERCURRENT TRIP WITH CHARACTERISTIC AND SETTING AS INDICATED IN TABLE.

TI APERTURE CARD

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DATE: 7-20-74
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
SCALE: [Blank]
PROJECT NO.: 10466
DRAWING NO.: E-OING02 (Q) 13

BECHTEL
GAINESBORO, MARYLAND

SNUPPS
LOW VOLTAGE SYSTEM
CLASS I E 480 V. SINGLE LINE
METER & RELAY DIAGRAM

REVIEW LEVEL 1

I certify that the items contained on this form were made in the normal and regular course of business, as the data stated below and that it is an accurate reproduction of the documents submitted on microfilm.

8410090403

PDR RIDS

