

EXTERNAL ADJUSTED

19

2281448A coil - W 14

DASH POT RELAYS * A162.003

RELAY 'DA' *EMERG CELLS*

150

BLOCK OPERATED THE EC1 RELAY IN THE 48V FLOAT CKT. (DC ALARM). THE 48V EMERGENCY CELL LAMP SHOULD COME IN FROM 2 TO 3 MINUTES, AFTER RELAY IS BLOCKED. RELEASE RELAY EC1 AND ALARM SHOULD STOP. IF ADJUSTMENT IS REQUIRED, ADJUST AS NEAR TO 3 MINUTES AS POSSIBLE.

RELAY 'GF2' *GEN FAIL*

200

BLOCK OPERATED THE AR1 RELAY IN THE GENERATOR CONTROL CIRCUIT. THE GENERATOR FAIL ALARM SHOULD COME IN FROM 3 TO 4 MINUTES AFTER BLOCKING RELAY. RELEASE RELAY AR1 AND ALARM SHOULD STOP. IF ADJUSTMENT IS REQUIRED, ADJUST AS NEAR 4 MINUTES AS POSSIBLE.

GEN. FALSE START RELAY 'VS2'

(Always LAST GENERATOR)

MAKE THIS TEST ON GENERATOR #4, WHEN IT IS IDLE. BLOCK RELAY VS1 NON OPERATED IN THE 48V GENERATOR START CIRCUIT. MANUALLY OPERATE RELAY ST4. IT WILL LOCK UP. NOTE - IF GENERATOR #2 IS IN OPERATION, BLOCK RELAY IR2 NON OPERATED IN THE 48V GEN. REG. RELAY ST4 OPERATED WILL OPERATE RELAY AR4 AND GENERATOR #4 WILL START. AFTER 50 TO 60 SECONDS THE RELAY SP5 WILL OPERATE AND STOP GENERATOR #4 AND RELAY ST4 WILL RELEASE. IF ADJUSTMENT IS REQUIRED, ADJUST AS NEAR 50 SECONDS AS POSSIBLE.

OPERATE ST. RLY + Clock SAME TIME

50

RELAY 'D'

OPERATE THE 48V GEN. REG. KEY TO CHG. POSITION. OBSERVE THE OPERATION OF RELAY L IN THE 48V EM CELL CIRCUIT AND START TIMING WITH IT'S OPERATION. NO. 1 CELL SWITCHING UNIT (COUNTING LEFT TO RIGHT) SHOULD OPERATE FROM 1 to 1 1/2 MINUTES. REOPERATE KEY TO FLOAT POSITION. IF ADJUSTMENT IS REQUIRED, ADJUST AS NEAR 1 MINUTE AS POSSIBLE.

RELAY VA 1 *48V FLOAT*

BLOCK OPERATED RELAY R IN THE 48V GEN. REG. CONTROL CIRCUIT. THE 48V FLOAT ALARM SHOULD COME IN FROM 2 TO 3 MINUTES. NOTE * MAKE THIS ROUTINE WITH RECTIFIER OFF THE LINE.

NOTES

ADJUSTMENT OF DASH POT RELAYS -

- TURN CLOCKWISE DIRECTION TO MAKE SLOWER. (TIGHTEN)
- TURN COUNTER CLOCKWISE DIRECTION TO MAKE FASTER. (LOOSEN)

TIMING REQUIREMENTS FOR DASH POT RELAYS ARE SHOWN ON CIRCUIT REQUIREMENT SD-80580-012 AND SD-80582-012 UNDER NOTE.

SEE WIRING LIST 7630 FOR POWER EQUIPMENT.

DO NOT DESTROY THIS SHEET