CB 130'

NOTE

This section is to be performed when directed by 34AB-R23-001-2S, Loss of 600 VAC Emergency Bus.

7.3.19 RECOVERING DIVISION I BATTERY CHARGERS FOLLOWING A LOSS OF POWER TO 2R23-S003 (2C 600 VAC)

CONTINUOUS

7.3.19.1 At 125V Batt. Chargers 2A, 2B, AND 2C, 2R42-S026, S027, AND S028 (130TFT13), PLACE the DC Output Breakers in the OFF position.

7.3.19.2 At 125V Batt. Chargers 2A, 2B, AND 2C, PLACE the AC Input Breakers in the OFF position.

7.3.19.3 At 600 V Bus 2C Cont. Pnl. 2H21-P245 (130TET14), CLOSE the following breakers:

- Sta. Bat 2A 125 Volt DC Battery Charger 2A, 2R42-S026
- Sta. Bat 2A 125 Volt DC Battery Charger 2B, 2R42-S027
- Sta. Bat 2A 125 Volt DC Battery Charger 2C, 2R42-S028

NOTE

Instructional guidance for alignment of throwover switches is located in Attachment 1, and posted at 2R26-M031A as an Operator Aid.

7.3.19.4 At 125 VDC Throwover Switch 2A AND 2B, 2R26-M031A AND 2R26-MO31B (130TET13), POSITION switches for the desired battery chargers to be placed in service.

7.3.19.5 At 250 VDC Swgr 2A Cont. Pnl, 2H21-P248, confirm OR TAKE the 125/250 V.D.C Bus 2A Supply From Battery Charger breaker control switch to the CLOSE position.

WW-1

NOTE

The AC Input breaker AND the DC Output breaker for the Battery Charger in Standby will both remain open.

7.3.19.6 At the battery chargers to be placed in service, PLACE the AC input breakers in the ON position.

CAUTION

BATTERY CHARGER AC INPUT BREAKERS WILL BE CLOSED AND THE DC OUTPUT VOLTAGE WILL BE STABLE BETWEEN 133 AND 136 VOLTS PRIOR TO CLOSING THE DC OUTPUT BREAKER TO PREVENT DAMAGING THE BATTERY CHARGERS.

7.3.19.7 At the battery chargers to be placed in service, PLACE the DC output breakers in the ON position.

7.3.19.8 At the battery chargers placed in service, confirm the following indications:

- Voltage DC Output meters indicate between 133 AND 136 volts
- AC Input ON lights are ILLUMINATED
- FLOAT status lights are ILLUMINATED

7.3.19.9 At the battery chargers placed in service, open the charger door AND CONFIRM/PLACE the ALARM BYPASS SWITCH in the NORMAL position.

7.3.19.10 At the battery charger left in STANDBY, open the charger door AND CONFIRM/PLACE the ALARM BYPASS SWITCH in the BYPASS position.

NOTE

The battery charger that is in STANDBY will NOT have any DC voltage OR amperage indicated.

7.3.19.11 At the battery chargers that are in service, confirm that the Amperes DC Output meters indicate a charging current.

7.3.19.12 ENERGIZE the remaining loads per the applicable system operating procedure, or at the direction of the Shift Supervisor.

NOTE

This section is to be performed when directed by 34AB-R23-001-2S, Loss of 600 VAC Emergency Bus.

7.3.20 RECOVERING DIVISION II BATTERY CHARGERS FOLLOWING A LOSS OF POWER TO 2R23-S004 (2D 600 VAC)

CONTINUOUS

7.3.20.1 At 125V Batt. Chargers 2D, 2E, and 2F, 2R42-S029, S030 AND S031 (130TBT13), PLACE the DC output Breakers in the OFF position.

7.3.20.2 At 125V Batt. Chargers 2D, 2E, AND 2F, PLACE the AC input Breakers in the OFF position.

7.3.20.3 At 600V Bus 2D Cont. Pnl, 2H21-P246 (130TCT14), CLOSE the following breakers:

- Sta. Bat. 2B 125 Volt DC Battery Charger 2D, 2R42-S029
- Sta. Bat. 2B 125 Volt DC Battery Charger 2E, 2R42-S030
- Sta. Bat. 2B 125 Volt DC Battery Charger 2F, 2R42-S031

NOTE

Instructional guidance for alignment of throwover switches is located in Attachment 1 and posted at 2R26-M031C as an Operator Aid

7.3.20.4 At 125 VDC Throwover Switch 2C AND 2D, 2R26-M031C AND 2R26-M031D (130TBT13), POSITION switches for the desired battery chargers to be placed in service.

7.3.20.5 At 250 VDC Swgr 2B Cont. Pnl, 2H21-P249, confirm OR TAKE the 125/250 VDC Bus 2B Supply From Battery Charger breaker control switch to the CLOSE position.

NOTE

The AC Input Breaker AND the DC Output Breaker for the Battery Charger in STANDBY will both remain open.

7.3.20.6 At the battery chargers to be placed in service, PLACE the AC input breakers in the ON position.

CAUTION

BATTERY CHARGER AC INPUT BREAKERS WILL BE CLOSED AND THE DC OUTPUT VOLTAGE WILL BE STABLE BETWEEN 133 AND 136 VOLTS PRIOR TO CLOSING THE DC OUTPUT BREAKER TO PREVENT DAMAGING THE BATTERY CHARGERS.

7.3.20.7 At the battery chargers to be placed in service, PLACE the DC output breakers in the ON position.

7.3.20.8 At the battery chargers placed in service, confirm the following indications:

- Voltage DC Output meters indicate between 133 AND 136 volts
- AC Input ON lights are ILLUMINATED
- FLOAT status lights are ILLUMINATED

7.3.20.9 At the battery chargers placed in service, open the charger door AND PLACE the ALARM BYPASS SWITCH in the NORMAL position.

7.3.20.10 At the battery charger left in STANDBY, open the charger door AND CONFIRM/PLACE the ALARM BYPASS SWITCH in the BYPASS position.

NOTE

The battery charger that is in STANDBY will NOT have any DC voltage OR amperage indicated.

7.3.20.11 At the battery chargers that are in service, confirm that the Amperes DC Output meters indicate a charging current.

7.3.20.12 ENERGIZE the remaining loads per the applicable system operating procedure, or at the direction of the Shift Supervisor.