

ATTACHMENT (2)

TECHNICAL SPECIFICATION PAGES

UNIT 1

3/4 8-9

3/4.8 ELECTRICAL POWER SYSTEMS

3/4.8.2 ONSITE POWER DISTRIBUTION SYSTEMS

A.C. Distribution - Operating

LIMITING CONDITION FOR OPERATION

3.8.2.1 The following A.C. electrical busses shall be **OPERABLE** and energized from sources of power other than the diesel generators with tie breakers open between redundant busses:

- 4160 volt Emergency Bus #11
- 4160 volt Emergency Bus #14
- 480 volt Emergency Bus #11A
- 480 volt Emergency Bus #11B
- 480 volt Emergency Bus #14A
- 480 volt Emergency Bus #14B
- 480 volt Motor Control Center #104R
- 480 volt Motor Control Center #114R
- 120 volt A.C. Vital Bus #11 energized from its associated inverter
- 120 volt A.C. Vital Bus #12 energized from its associated inverter
- 120 volt A.C. Vital Bus #13 energized from its associated inverter
- 120 volt A.C. Vital Bus #14 energized from its associated inverter

APPLICABILITY: MODES 1, 2, 3 and 4.

ACTION: With less than the above complement of A.C. busses **OPERABLE**, restore the inoperable bus to **OPERABLE** status within 8 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.

Replace with Insert A

SURVEILLANCE REQUIREMENTS

4.8.2.1 The specified A.C. busses shall be determined **OPERABLE** and energized from A.C. sources other than the diesel generators with tie breakers open between redundant busses at least once per 7 days by verifying correct breaker alignment and indicated power availability.

INSERT A

ACTION:

- a. With less than the above complement of 4160 and 480-volt A.C. busses **OPERABLE**, restore the inoperable bus to **OPERABLE** status within 8 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.
- b. With less than the above complement of 120-volt A.C. vital busses **OPERABLE**, either:
 1. Restore the de-energized vital bus to **OPERABLE** status by re-energizing the vital bus from its associated inverter within 8 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours;

OR

2. Power the vital bus from the associated backup bus within 8 hours. Restore the vital bus to **OPERABLE** status by re-energizing the vital bus from its associated inverter within 48 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.

ATTACHMENT (3)

TECHNICAL SPECIFICATION PAGES

UNIT 2

3/4 8-9

3/4.8 ELECTRICAL POWER SYSTEMS

3/4.8.2 ONSITE POWER DISTRIBUTION SYSTEMS

A.C. Distribution - Operating

LIMITING CONDITION FOR OPERATION

3.3.2.1 The following A.C. electrical busses shall be **OPERABLE** and energized from sources of power other than the diesel generators with tie breakers open between redundant busses:

- 4160 volt Emergency Bus #21
- 4160 volt Emergency Bus #24
- 480 volt Emergency Bus #21A
- 480 volt Emergency Bus #21B
- 480 volt Emergency Bus #24A
- 480 volt Emergency Bus #24B
- 480 volt Motor Control Center #204R
- 480 volt Motor Control Center #214R
- 120 volt A.C. Vital Bus #21 energized from its associated inverter
- 120 volt A.C. Vital Bus #22 energized from its associated inverter
- 120 volt A.C. Vital Bus #23 energized from its associated inverter
- 120 volt A.C. Vital Bus #24 energized from its associated inverter

APPLICABILITY: **MODES 1, 2, 3 and 4.**

ACTION: With less than the above complement of A.C. busses **OPERABLE**, restore the inoperable bus to **OPERABLE** status within 8 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.

Replace with Insert A

SURVEILLANCE REQUIREMENTS

4.8.2.1 The specified A.C. busses shall be determined **OPERABLE** and energized from A.C. sources other than the diesel generators with tie breakers open between redundant busses at least once per 7 days by verifying correct breaker alignment and indicated power availability.

INSERT A

ACTION:

- a. With less than the above complement of 4160 and 480-volt A.C. busses **OPERABLE**, restore the inoperable bus to **OPERABLE** status within 8 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.
- b. With less than the above complement of 120-volt A.C. vital busses **OPERABLE**, either:
 1. Restore the de-energized vital bus to **OPERABLE** status by re-energizing the vital bus from its associated inverter within 8 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours;
 - OR
 2. Power the vital bus from the associated backup bus within 8 hours. Restore the vital bus to **OPERABLE** status by re-energizing the vital bus from its associated inverter within 48 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.