

### 3/4.7 PLANT SYSTEMS

#### 3/4.7.6 CONTROL ROOM EMERGENCY VENTILATION SYSTEM

##### LIMITING CONDITION FOR OPERATION

3.7.6.1 The Control Room Emergency Ventilation System shall be **OPERABLE** with:

- a. Two filter trains,
- b. Two air conditioning units,
- c. Two isolation valves in each Control Room outside air intake duct,
- d. Two isolation valves in the common exhaust to atmosphere duct, and
- e. One isolation valve in the toilet area exhaust duct.

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

##### ACTION:

- a. With one filter train inoperable, restore the inoperable train to **OPERABLE** status within 7 days or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.
- b. With one air conditioning unit inoperable, restore the inoperable unit to **OPERABLE** status within 7 days or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.
- c. With one isolation valve per Control Room outside air intake duct inoperable, operation may continue provided the other isolation valve in the same duct is maintained closed; otherwise, be in at least **HOT STANDBY** within 6 hours and in **COLD SHUTDOWN** within the following 30 hours.
- d. With one common exhaust to atmosphere duct isolation valve inoperable, restore the inoperable valve to **OPERABLE** status within 7 days or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.
- e. With the toilet area exhaust duct isolation valve inoperable, restore the inoperable valve to **OPERABLE** status within 24 hours or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.

Add INSERT A

## INSERT A

- \* During the No. 21 emergency diesel generator upgrade in the 1995 Unit 2 refueling outage, the time to restore No. 12 filter train or air conditioning unit to **OPERABLE** status may be extended to 30 days (for loss of emergency power only) if the following is performed:
  1. A temporary diesel generator shall be demonstrated available by starting it at least once per 7 days.
  2. If **ACTION 1** is not met, restore compliance with the **ACTION** within 7 days or be in at least **HOT STANDBY** within the next 6 hours and in **COLD SHUTDOWN** within the following 30 hours.

**ATTACHMENT 2**

**UNIT 2**  
**TECHNICAL SPECIFICATION**  
**REVISED PAGE**

**3/4 8-7**

**3/4 8-12**

### 3/4.8 ELECTRICAL POWER SYSTEMS

#### LIMITING CONDITION FOR OPERATION (Continued)

3. All containment penetrations providing direct access from the containment atmosphere to the outside atmosphere shall be either closed by an isolation valve, blind flange, or manual valve, or be capable of being closed by an **OPERABLE** automatic purge valve. A minimum of one door in each airlock shall be closed and the equipment door shall be closed and held in place by a minimum of four bolts.
- b. With less than the above minimum required A.C. electrical power sources **OPERABLE** for the performance of Surveillance Requirement 4.8.1.1.2.d.1 on No. 12 emergency diesel generator:
  1. Verify either two 500 kV offsite power circuits or a 500 kV offsite power circuit and the 69 kV SMECO offsite power circuit are available and capable of being used. This availability shall be verified prior to removing the **OPERABLE** emergency diesel generators and once per shift thereafter,
  2. Suspend all operations involving **CORE ALTERATIONS**, positive reactivity changes, movement of irradiated fuel and movement of heavy loads over irradiated fuel,
  3. All containment penetrations providing direct access from the containment atmosphere to the outside atmosphere shall be either closed by an isolation valve, blind flange, or manual valve, or be capable of being closed by an **OPERABLE** automatic purge valve. A minimum of one door in each airlock shall be closed and the equipment door shall be closed and held in place by a minimum of four bolts.
  4. An emergency diesel generator shall be **OPERABLE** and aligned to provide power to the emergency busses within seven days\*
  5. Within two weeks prior to the planned unavailability of an **OPERABLE** emergency diesel generator, a temporary diesel generator shall be demonstrated available.
  6. A temporary diesel generator shall be demonstrated available by starting it at least once per 72 hours.
  7. If **ACTIONS** b) 1 through b) 6 are not met, restore compliance with the **ACTIONS** within 4 hours or restore an **OPERABLE** emergency diesel generator within the next 4 hours.

\* During the 1995 Unit 2 Refueling Outage, An emergency diesel generator shall be **OPERABLE** and aligned to provide power to an emergency bus within fourteen days.

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The provisions of **ACTION** b) are no longer applicable following the installation of two additional emergency diesel generators.

### 3/4.8 ELECTRICAL POWER SYSTEMS

#### LIMITING CONDITION FOR OPERATION (Continued)

- b. With less than the above minimum required A.C. electrical power sources **OPERABLE** for the performance of Surveillance Requirement 4.8.1.1.2.d.1 on No. 12 emergency diesel generator:
1. Verify either two 500 kV offsite power circuits or a 500 kV offsite power circuit and the 69 kV SMECO offsite power circuit are available and capable of being used. This availability shall be verified prior to removing the **OPERABLE** emergency diesel generators and once per shift thereafter,
  2. Suspend all operations involving **CORE ALTERATIONS**, positive reactivity changes, movement of irradiated fuel and movement of heavy loads over irradiated fuel,
  3. All containment penetrations providing direct access from the containment atmosphere to the outside atmosphere shall be either closed by an isolation valve, blind flange, or manual valve, or be capable of being closed by an **OPERABLE** automatic purge valve. A minimum of one door in each airlock shall be closed and the equipment door shall be closed and held in place by a minimum of four bolts.
  4. An emergency diesel generator shall be **OPERABLE** and aligned to provide power to the emergency busses within seven days.\*
  5. Within two weeks prior to the planned unavailability of an **OPERABLE** emergency diesel generator, a temporary diesel generator shall be demonstrated available.
  6. A temporary diesel generator shall be demonstrated available by starting it at least once per 72 hours.
  7. If **ACTIONS** b) 1 through b) 6 are not met, restore compliance with the **ACTIONS** within 4 hours or restore an **OPERABLE** emergency diesel generator within the next 4 hours.

#### SURVEILLANCE REQUIREMENTS

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

*\* During the 1995 Unit 2 Refueling Outage, an emergency diesel generator shall be **OPERABLE** and aligned to provide power to an emergency bus within fourteen days.*

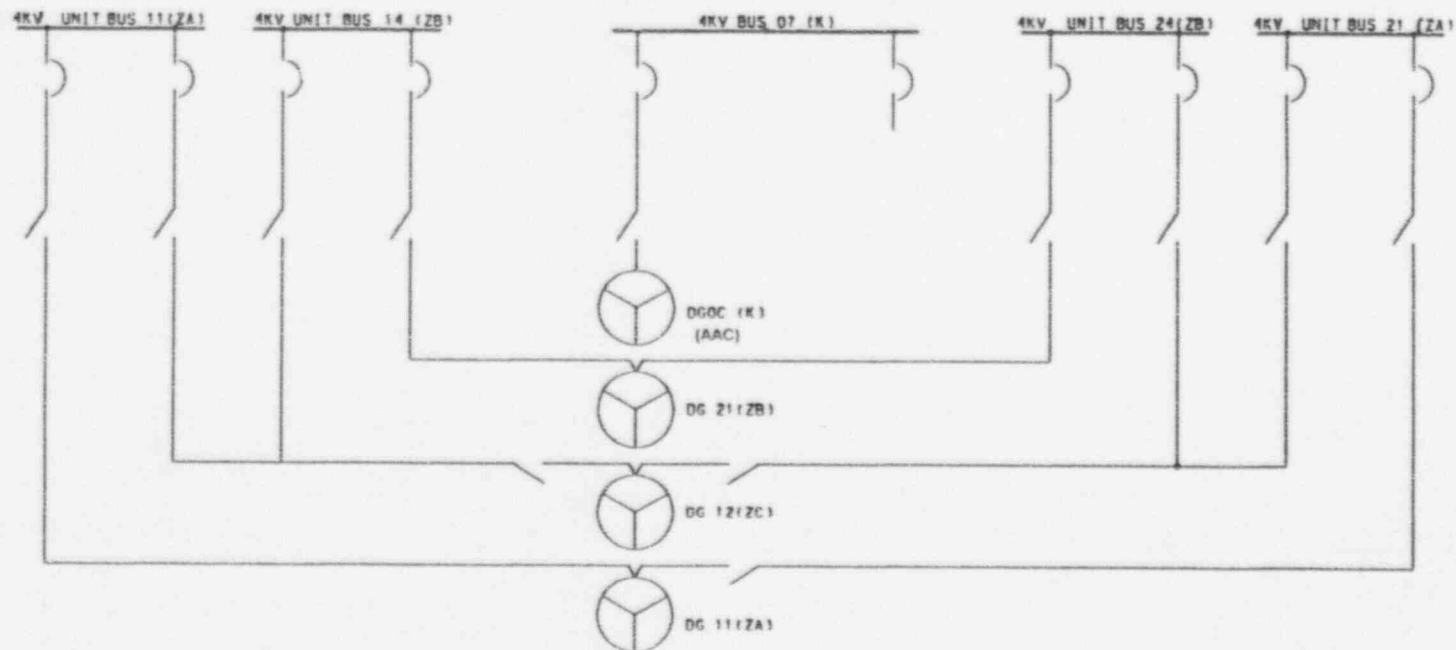
\*\* The provisions of **ACTION** b. are no longer applicable following the installation of two additional emergency diesel generators.

## **ATTACHMENT 3**

**PRE-OUTAGE AND POST SPLICE BOX ELECTRICAL  
DISTRIBUTION CONFIGURATIONS FIGURES**

ATTACHMENT (3)

**PRE-OUTAGE ELECTRICAL  
DISTRIBUTION CONFIGURATION FIGURE**



ATTACHMENT (3)

POST SPLICE BOX ELECTRICAL  
DISTRIBUTION CONFIGURATION FIGURE

