

## PLANT SYSTEMS

### 3/4.7.8 AUXILIARY BUILDING VENTILATION EXHAUST SYSTEM

#### LIMITING CONDITION FOR OPERATION

3.7.8.1 The Auxiliary Building ventilation exhaust system shall be OPERABLE and shall consist of a minimum of two independent pairs of exhaust fans and four filter systems.

APPLICABILITY: MODES 1, 2, 3 and 4.

#### ACTION:

- a. With one pair of exhaust fans or one filter system inoperable, restore the inoperable pair of fans or system 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 more than one pair of exhaust fans or more than one filter system inoperable, restore one inoperable pair of fans or systems to OPERABLE status within 12 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### SURVEILLANCE REQUIREMENTS

- 4.7.8.1 The Auxiliary Building ventilation exhaust system shall be demonstrated OPERABLE:
- a. At least once per 31 days on a STAGGERED TEST BASIS by initiating, from the control room, flow through the HEPA filters and charcoal adsorbers and verifying that the system operates for at least 15 minutes.
  - b. At least once per 18 months or (1) after any structural maintenance on the HEPA filters or charcoal adsorber housings; or (2) following painting, fire or chemical release in any ventilation zone communicating with the system by:
    1. Verifying that with the system operating at a flow rate of 156,680 cfm  $\pm 10\%$  and exhausting through the HEPA filters and charcoal adsorbers, the total bypass flow of the system to the facility vent, including leakage through the system diverting valves, is  $\leq 1\%$  when the system is tested by admitting cold DOP at the system intake.

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