

5.5 Programs and Manuals

5.5.7 Ventilation Filter Testing Program (continued)

- d. Demonstrate for each of the ESF systems that the pressure drop across the combined HEPA filters, the prefilters, and the charcoal adsorbers is less than the value specified below when tested at the system flowrate specified below:

| ESF Ventilation System | Delta P (inches wg) | Flowrate (cfm) |
|---|------------------------|-------------------|
| Standby Gas Treatment System | < 13 | 9,090 to 11,110 |
| Control Room Emergency Outside Air Supply System | < 7.3 | 5,229 to 6,391 |

- e. Demonstrate that the temperature differential in the air flow across the heating coils for each of the ESF system is greater than or equal to the value specified below when tested in accordance with ASME N510-1975:

| ESF Ventilation System | Delta T (°F) | Flowrate (cfm) |
|------------------------------|-----------------|-------------------|
| Standby Gas Treatment System | ≥ 17 | 9,090 to 11,110 |

- f. Demonstrate that the heaters for each of the ESF system dissipate the value specified below when tested in accordance with ANSI N510-1975:

| ESF Ventilation System | Wattage (kW) |
|---|--------------|
| Control Room Emergency Outside Air Supply System | 27 to 33 |

5.5.8 Explosive Gas and Storage Tank Radioactivity Monitoring Program

This program provides controls for potentially explosive gas mixtures contained in the Main Condenser Offgas Treatment System and the quantity of radioactivity contained in unprotected outdoor liquid storage tanks. The liquid radwaste quantities shall be determined in accordance with Standard Review Plan, Section 15.7.3, "Postulated Radioactive Release due to Tank Failures". The program shall include:

- a. The limits for concentrations of hydrogen in the Main Condenser Offgas Treatment System and a surveillance

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