

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

meets the laboratory testing criteria of Regulatory Position C.6.a of Regulatory Guide 1.52, Revision 2, March 1978, as supplemented by ACRN 08803-86, Test Method 'A' for a methyl iodide penetration of less than 0.71% (Unit 1);

- 3) Verifying a system flow rate of 8000 cfm \pm 10% during system operation when tested in accordance with ANSI N510-1975.
- c. After every 720 hours of charcoal adsorber operation, by verifying within 31 days after removal that a laboratory analysis of a representative carbon sample obtained in accordance with Regulatory Position C.6.b of Regulatory Guide 1.52, Revision 2, March 1978, meets the laboratory testing criteria of Regulatory Position C.6.a of Regulatory Guide 1.52, Revision 2, March 1978, for a methyl iodide penetration of less than 1% (Unit 2), and
- d. At least once per 18 months, by:
 - 1) Verifying that the pressure drop across the combined HEPA filters and charcoal adsorber banks is less than 6 inches Water Gauge while operating the system at a flow rate of 8000 cfm \pm 10%;
 - 2) Verifying that the system starts automatically on any Phase B Isolation test signal;
 - 3) Verifying that the filter cooling electric motor-operated bypass valves can be opened;
 - 4) Verifying that each system produces a negative pressure of greater than or equal to 0.5 inch W.G. in the annulus within 22 seconds after a start signal and that this negative pressure goes to -3.5 inches W.G. within 48 seconds after the start signal. Verifying that upon reaching a negative pressure of -3.5 inches W.G. in the annulus, the system switches into its recirculation mode of operation and that the time required for the annulus pressure to increase to -0.5 inch W.G. is greater than or equal to 278 seconds; 43.0 \pm 6.4 kW (Unit 2), and
 - 5) Verifying that the pre-heaters dissipate 13.0 \pm 6.4 kW, when tested in accordance with ANSI N510-1975. / - 17.5 (Unit 1)
- e. After each complete or partial replacement of a HEPA filter bank, by verifying that the HEPA filter bank satisfies the in-place penetration and bypass leakage testing acceptance criteria of less than 1% in accordance with ANSI N510-1975 for DOP test aerosol while operating the system at a flow rate of 8000 cfm \pm 10%; and
- f. After each complete or partial replacement of a charcoal adsorber bank, by verifying that the charcoal adsorber satisfies the in-place penetration and bypass leakage testing acceptance criteria of less than 1% in accordance with ANSI N510-1975 for a halogenated hydrocarbon refrigerant test gas while operating the system at a flow rate of 8000 cfm \pm 10%.

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McGUIRE - UNITS 1 and 2

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Amendment No.

(Unit 1)

Amendment No.

(Unit 2)