

PLANT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

2. Verifying that the HEPA filter banks remove 99% of the DOP when they are tested in-place in accordance with ANSI N510-1975 while operating the ventilation system at a flow rate of 36,000 cfm \pm 10%.
 3. Subjecting the carbon contained in at least one test canister or at least two carbon samples removed from one of the charcoal adsorbers to a laboratory carbon sample analysis and verifying a removal efficiency of $\geq 90\%$ for radioactive methyl iodide at an air flow velocity of 0.9 ft/sec \pm 20% with an inlet methyl iodide concentration of 0.05 to 0.15 mg/m³, $\geq 95\%$ relative humidity, and $\geq 125^\circ\text{F}$; other test conditions shall be in accordance with USAEC RDT Standard M-16-1T, June 1972. The carbon samples not obtained from test canisters shall be prepared by either:
 - a) Emptying one entire bed from a removed adsorber tray, mixing the adsorbent thoroughly, and obtaining samples at least two inches in diameter and with a length equal to the thickness of the bed, or
 - b) Emptying a longitudinal sample from an adsorber tray, mixing the adsorbent thoroughly, and obtaining samples at least two inches in diameter and with a length equal to the thickness of the bed.
 4. Verifying a system flow rate of 36,000 cfm \pm 10% during system operation.
- c. At least once per 18 months by:
1. Verifying that the pressure drop across the combined HEPA filters and charcoal adsorber banks is ≤ 6 inches Water Gauge while operating the ventilation system at a flow rate of 36,000 cfm \pm 10%.

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PROPOSED WORDING

BEAVER VALLEY-UNIT 1