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LIMITING CONDITIONS FOR OPERATION AND SURVEILLANCE REQUIREMENTS

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**ADMINISTRATIVE CONTROLS**

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6.8.4 (Continued)

**c. Radiological Environmental Monitoring Program (Continued)**

- 3) Participation in an Interlaboratory Comparison Program to ensure that independent checks on the precision and accuracy of the measurements of radioactive materials in environmental sample matrices are performed as part of the quality assurance program for environmental monitoring.

**f. Ventilation Filter Testing Program (VFTP):**

A program shall be established to implement the following required testing of safety related filter ventilation systems in accordance with Regulatory Guide 1.52, Revision 2\*, ANSI/ASME N510-1980, and ASTM D 3803-1989.

- 1. Demonstrate for each of the safety related systems that an in-place test of the high efficiency particulate air (HEPA) filters shows a penetration and system bypass < 1% when tested in accordance with Regulatory Guide 1.52, Revision 2 and ANSI/ASME N510-1980 at the system flowrate specified below, +/- 10%.

<u>Safety Related Ventilation System</u>	<u>Flowrate</u>
Shield Building Emergency Ventilation System	8000 cfm
Control Room Emergency Ventilation System	3300 cfm

- 2. Demonstrate for each of the safety related systems that an in-place test of the charcoal adsorber shows a penetration and system bypass < 1% when tested in accordance with Regulatory Guide 1.52, Revision 2 and ANSI/ASME N510-1980 at the system flowrate specified below, +/-10%.

<u>Safety Related Ventilation System</u>	<u>Flowrate</u>
Shield Building Emergency Ventilation System	8000 cfm
Control Room Emergency Ventilation System	3300 cfm

- 3. Demonstrate for each of the safety related systems that a laboratory test of a sample of the charcoal adsorber, when obtained as described in Regulatory Guide 1.52, Revision 2, shows the methyl iodide penetration less than the value specified

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\* The periodic testing for the Shield Building Emergency Ventilation System and the Control Room Emergency Ventilation System are performed once each REFUELING INTERVAL. The need for testing following painting, a fire, or a chemical release in any ventilation zone communicating with the Shield Building Emergency Ventilation System or the Control Room Emergency Ventilation System is as specified by the VFTP. The method of testing is based on Regulatory Guide 1.52, Revision 2, except for charcoal laboratory testing which will be performed in accordance with ASTM D 3803-1989.

**ADMINISTRATIVE CONTROLS .**

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**6.8.4 (Continued)**

**f. Ventilation Filter Testing Program (VFTP) (Continued)**

below when tested in accordance with ASTM D 3803-1989 at a temperature of 30° C and the relative humidity (RH) specified below.

<u>Safety Related Ventilation System</u>	<u>Penetration</u>	<u>RH</u>
Shield Building Emergency Ventilation System	≤ 2.5%	95%
Control Room Emergency Ventilation System	≤ 2.5%	70%

4. Demonstrate for each of the safety related 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 in accordance with Regulatory Guide 1.52, Revision 2 and ANSI/ASME N510-1980 at the system flowrate specified below, +/- 10%.

<u>Safety Related Ventilation System</u>	<u>Delta P</u>	<u>Flowrate</u>
Shield Building Emergency Ventilation System	6 inches Water Gauge	8000 cfm
Control Room Emergency Ventilation System	4.4 inches Water Gauge	3300 cfm

The provisions of SR 4.0.2 and SR 4.0.3 are applicable to the VFTP test frequencies.