

## 3.7 LIMITING CONDITIONS FOR OPERATION

1. Except as specified in Specification 3.7.B.3 below, both circuits of the Standby Gas Treatment System and at least one (1) diesel generator shall be operable at all times when secondary containment integrity is required.
2.
  - a. The results of the in-place cold DOP and halogenated hydrocarbon tests at design flows on HEPA and charcoal filter banks shall show  $>99\%$  DOP removal and  $>99\%$  halogenated hydrocarbon removal.
  - b. The results of laboratory carbon sample analysis shall show  $>95\%$  radioactive methyl-iodide removal. (130°C, 95% R.H.)
  - c. System fans shall be shown to operate within  $\pm 10\%$  of design flow.
3. From and after the date that one circuit of the Standby Gas Treatment System is made or found to be inoperable for any reason, reactor operation is permissible only during the succeeding seven days unless such circuit is sooner made operable, provided that during such seven days all active components of the other standby gas treatment circuit shall be operable.

## 4.7 SURVEILLANCE REQUIREMENTS

- a. Pressure drop across the combined HEPA and charcoal filter banks is less than 6 inches of water at 1500 cfm  $\pm 10\%$ .
  - b. Inlet heater input is at least 9 kW.
2.
    - a. The tests and sample analysis of Specification 3.7.B.2 shall be performed initially and at least once per operating cycle not to exceed 18 months, and following painting, fire, or chemical release in any ventilation zone communicating with the system, while the system is operating, that could contaminate the HEPA filters or charcoal adsorbers.
    - b. Cold DOP testing shall be performed after each complete or partial replacement of the HEPA filter bank.
    - c. Halogenated hydrocarbon testing shall be performed after each complete or partial replacement of the charcoal filter bank.  
  
In addition, the sample analysis of Specification 3.7.B.2.b and the halogenated hydrocarbon test shall be performed after every 720 hours of system operation.
    - d. Each circuit shall be operated with the heaters on at least 10 hours every month.
    - e. An ultrasonic leak test shall be performed on the gaskets sealing the housing panels downstream of the HEPA filters and adsorbers at least once per operating cycle not to exceed 18 months. If the ultrasonic test indicates the presence of a leak, the condition will be evaluated and the gasket repaired or replaced, as necessary.

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