

LER SUPPLEMENTAL INFORMATION

BFRO-50- 260 / 82033 Technical Specification Involved 3.7.F.2.b

Reported Under Technical Specification 6.7.2.b.(2) * Date Due NRC 11/16/82

Event Narrative:

Unit 2 was in a refueling outage, unit 1 was operating at 100-percent power, and unit 3 was operating at 76-percent power. Only unit 2 was affected by this event. A surveillance sample was taken from the primary containment purge system for periodic testing of charcoal filters efficiency as specified in Surveillance Instruction (SI) 2.1. The sample was tested in accordance with ANSI N510 and the results revealed the methyl iodine removal efficiency to be 72.31 percent. Technical Specification (TS) 3.7.F.2.b requires the charcoal filter removal efficiency for methyl iodine to be ≥ 85 percent in the primary containment purge system. The time of the charcoal filter failure is unknown. The filter was last tested within limits on October 29, 1980.

Failure of the charcoal filter is suspected to be caused by absorption of materials used in the primary containment during maintenance activities associated with the unit outage. These materials reduced the efficiency of the charcoal filters. New charcoal filter will be installed and satisfactorily tested before unit startup. This test will be run as near unit startup as practical.

Redundant system was available through the Standby Gas Treatment System. No additional recurrence control is required. Charcoal efficiency of the primary containment purge systems on unit 1 and unit 3 will be tested when conditions permit.

* Previous Similar Events:

BFRO-50-259/78004; 260/78001

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP