

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 259/83018 R2 Technical Specification Involved 3.7.B.3

Reported Under Technical Specification 6.7.2.b.(2) \* Date Due NRC 08/01/84

Event Narrative:

Unit 1 was operating at 87 percent power, unit 2 was operating at 68 percent power, and unit 3 was operating at 100 percent power. All three units were affected by this event. The standby gas treatment system is common to units 1, 2, and 3. While performing Surveillance Instruction 4.2.A-13, Calibration of Flow Switches for Standby Gas Treatment System Train A, B, and C Heaters, standby gas treatment train "B" was found inoperable due to erratic flow switch FS-65-42A (Technical Specification 4.7.B.3 and Technical Specification Table 3.2.A). There was no effect on public health and safety. Technical Specification 3.7.B.3 allows operation for 7 days with one train inoperable. Standby gas treatment trains "A" and "C" were available and operable. "B" train was inoperable for about 12 hours. The flow switch was replaced and SI 4.7.B-1, Standby Gas Treatment System Operability Test, and SI 4.2.A-13 were successfully completed.

The cause for the erratic operation of the flow switch could not be determined; however, the most probable cause for failure was a weak tension spring.

The paddle-type flow switches on trains "A" and "B" were expected to be replaced with differential pressure switches similar to those installed on "C" train by February 15, 1984.

Due to incomplete design information and material delays, this modification will be implemented in accordance with the Browns Ferry Nuclear Plant NRC Integrated Commitment Schedule. It is currently scheduled to be performed during December, 1985.

This update report is also an update to LER 259/83029 R1.

\* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: JRP

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

Browns Ferry Nuclear Plant  
P. O. Box 2000  
Decatur, Alabama 35602

July 27, 1984

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 - DOCKET  
NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE OCCURRENCE  
REPORT BFRO-50-259/83018 R2

The enclosed updated report provides details concerning standby gas train  
"B" found inoperable due to erratic flow switch. This report is submitted  
in accordance with Technical Specification 6.7.2.b.(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*J. R. Pittman*

G. T. Jones  
Plant Manager  
Browns Ferry Nuclear Plant

Enclosure

cc (Enclosure):  
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NRC Resident Inspector, BFN

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