

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

PHONE: (205) 729-0889

LER SUPPLEMENTAL INFORMATION

BFRO-50- 269 82028 83 Technical Specification Involved 3.7.C
Reported Under Technical Specification 6.7.2.b.(2) * Date Due NRC _____

Event Narrative:

Unit 1 was operating normally at 98 percent; unit 3 was operating normally at 98 percent. These units were not affected by this event. Unit 2 was shutdown for refueling outage and was affected by this event.

Equipment access doors (237 and 238) between the turbine building and unit 2 reactor building were observed open at the same time. An inspection revealed that the interlock system failed to operate properly and allowed both doors to be opened simultaneously.

The doors were padlocked and repairs were completed within four hours. The Folger Adams interlock system failed because of loose latch screws and electrical limit switches that were out of adjustment. All required safety systems were available and operable. There was no effect on public health and safety.

Procedures were revised to provide a closer tolerance for setting the door position limit switches.

A modified design which utilizes limit switches to detect the alignment of the latch and the electric strike was installed utilizing the plants special test procedure. Initial field evaluation of the results of this special test indicates that the modified design resulted in improved operation of the door interlock system. Preliminary indications are that TVA Engineering Design concurs with the modified design. Plans for implementation of the modified design are expected to be complete by December 15, 1984.

This is also a followup report to LER BFRO-50-259/83008.

Previous Similar Events

BFRO-50-259/82063, 81008, 81050, 83008
260/80045, 81024, 81025, 81032, 81038, 77015

Retention: Period - Lifetime; Responsibility - Document Control Supervisor
*Revision: JRP

TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant
P. O. Box 1000
Decatur, Alabama 35602

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March 9, 1984

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 - DOCKET
NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE OCCURRENCE
REPORT BPRO-50-260/82028 R3

Reference: H. J. Green's memorandum to you dated October 19, 1983.

The enclosed report provides followup information concerning turbine
reactor building doors 237 and 238 opened simultaneously breaching
secondary containment. This report is submitted in accordance with with
Browns Ferry Unit 2 Technical Specification 6.7.2.b.(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

JESwindell
for G. T. Jones
Power Plant Superintendent
Browns Ferry Nuclear Plant

Enclosure

cc (Enclosure):
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington D.C. 20555

NRC Inspector, Browns Ferry Nuclear Plant

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