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LICENSEE	EVENT	REPORT	(LER)	TEXT	CONTINUATION
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U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104 EXPIRES 8/31/85

FAC	LITY	NAME	(1)

NAC Form 366A

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At the time of this event, unit 2 was in its cycle 5 refuel outage with all fuel unloaded from the vessel, unit 1 was operating at 95 percent, and unit 3 was operating at 100 percent. This event affected unit 2 only.

During performance of a modification to the reactor protection system (RPS), an automatic scram occurred when fuses were removed from the circuitry in the RPS. After determining the cause of the scram, the unit operator took actions necessary to reset the scram.

The workplan used to control the modification of the RPS was deficient in that there was no step to alert the reactor operator that a reactor scram would occur when the step in the workplan to remove the fuses was performed. This should have been identified since an automatic scram is expected when these RPS fuses are pulled. In this sense, the scram initiation was unexpected and not part of a preplanned sequence.

Following scram initiation, all work that was being performed in relation to this workplan was immediately stopped. Before work was resumed, this workplan was revised to include steps necessary to ensure that the reactor operator would be alerted to the fact that activities were in progress that were going to cause initiation of a scram signal.

This event had no safety significance since the reactor was in cold shutdown, and all fuel had been removed from the reactor.

Responsible Plant Section -

Previous Events - None

TENNESSEE VALLEY AUTHORITY

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

March 29, 1985

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

Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 2 -DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE OCCURRENCE REPORT BFR0-50-260/85003

The enclosed report provides details concerning the unplanned initiation of reactor protection system during shutdown. This report is submitted in accordance with 10 CFR 50.73 (a)(2)(iv).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

2 Exundell

G. T. Jones Plant Manager Browns Ferry Nuclear Plant

> Enclosures cc (Enclosures): Regional Administrator U. S. Nuclear Regulatory Commission Office of Inspection and Enforcement Region II 101 Marietta Street, Suite 2900 Atlanta, Georgia 30303

INPO Records Center Suite 1500 1100 Circle 75 Parkway Atlanta, Georgia 30339

NRC Resident Inspector, BFN

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