

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

✓ EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

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PHONE: (205) 729-0790

LER SUPPLEMENTAL INFORMATION

BFRO-50- 260 / 83074 Technical Specification Involved 3.5.E

Reported Under Technical Specification 6.7.2.a.5 * Date Due NRC 11/28/83

Event Narrative:

Units 1 and 3 were in refueling outages; unit 2 was operating normally at 98-percent power. Unit 2 was the only unit affected by this event. On November 10, 1983, unit 2 scrambled and the high pressure cooling injection system (HPCI) received an auto initiation signal to inject water into the vessel. The HPCI responded to the signal but isolated immediately due to a blown turbine exhaust rupture disc manufactured by Fike, Model 16-CPV-CBT, and placed in an inoperable condition (T.S. 3.5.E). The rupture disc was replaced and surveillance instructions 4.5.E.1.d & e (SI) (HPCI Turbine and Pump Flow Test) and SI 4.5.E.1.c (HPCI MOV Operability) were successfully performed and the HPCI system returned to service. The HPCI system was inoperable for approximately 13 hours. Redundant systems were available and subsequently tested, as required by T.S. 3.5.E. T. S. 3.5.E allows seven days operation with HPCI inoperable. There was no effect on public health and safety.

A followup report will be written after further investigation is completed.

* Previous Similar Events:

BFRO-50-259/79027, 80029; 260/80017, 80032; 296/81015, 81016

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

November 23, 1983

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Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW.
Atlanta, Georgia 30303

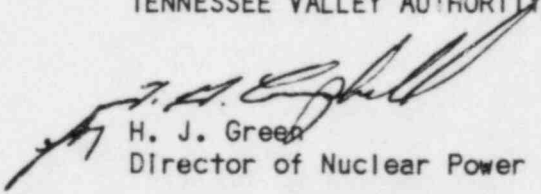
Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 - DOCKET
NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE OCCURRENCE
REPORT BFR0-50-260/83074

The enclosed report provides details concerning system isolation caused
by a blown turbine exhaust rupture disc. This report is submitted in
accordance with Browns Ferry unit 2 Technical Specification 6.7.2.a(5).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



H. J. Green
Director of Nuclear Power

Enclosure

cc (Enclosure):

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Washington, D.C. 20555

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NRC Inspector, Browns Ferry

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