

LICENSEE EVENT REPORT (LER)

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|---|--------------|-------------------|--|--|--------|-----------|--------------|--|--|--|--|--|-----|------|--|--|--|----------------------|--|--|--|
| FACILITY NAME (1) Browns Ferry - Unit 2 | | | | | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 2 6 1 0 | | | | | | | | | | PAGE (3) 1 OF 0 2 | | | |
| TITLE (4) Secondary Containment Isolation Initiated From Refuel Zone Radiation Detector | | | | | | | | | | | | | | | | | | | | | | | |
| EVENT DATE (5) MONTH DAY YEAR 0 6 2 0 8 5 8 5 | | | | | | LER NUMBER (6) SEQUENTIAL NUMBER REVISION NUMBER 0 0 6 0 0 0 7 1 9 8 5 | | | | | | REPORT DATE (7) MONTH DAY YEAR 0 6 2 0 8 5 | | | | | | OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) Browns Ferry - Unit 1 0 5 0 0 0 2 5 9 Browns Ferry - Unit 3 0 5 0 0 0 2 9 6 | | | | | |
| OPERATING MODE (9) N | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11) | | | | | | | | | | | | | | | | | | | | | |
| POWER LEVEL (10) 0 0 1 0 | | 20.402(b) | | | | 20.405(c) | | | | <input checked="" type="checkbox"/> 50.73(a)(2)(iv) | | | | 73.71(b) | | | | | | | | | |
| | | 20.405(a)(1)(i) | | | | 50.36(c)(1) | | | | 50.73(a)(2)(v) | | | | 73.71(c) | | | | | | | | | |
| | | 20.405(a)(1)(ii) | | | | 50.36(c)(2) | | | | 50.73(a)(2)(vii) | | | | OTHER (Specify in Abstract below and in Text, NRC Form 365A) | | | | | | | | | |
| | | 20.405(a)(1)(iii) | | | | 50.73(a)(2)(i) | | | | 50.73(a)(2)(viii)(A) | | | | | | | | | | | | | |
| | | 20.405(a)(1)(iv) | | | | 50.73(a)(2)(ii) | | | | 50.73(a)(2)(viii)(B) | | | | | | | | | | | | | |
| | | 20.405(a)(1)(v) | | | | 50.73(a)(2)(iii) | | | | 50.73(a)(2)(ix) | | | | | | | | | | | | | |
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | | | | | | | | | | | | | | | | |
| NAME D. L. Smith | | | | | | | | | | TELEPHONE NUMBER AREA CODE 2 0 5 7 2 9 1 - 3 8 6 5 | | | | | | | | | | | | | |
| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) | | | | | | | | | | | | | | | | | | | | | | | |
| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPD | | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPD | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| SUPPLEMENTAL REPORT EXPECTED (14) | | | | | | | | | | | | EXPECTED SUBMISSION DATE (15) | | MONTH | DAY | YEAR | | | | | | | |
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) | | | | | | | | | | | | <input checked="" type="checkbox"/> NO | | | | | | | | | | | |

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

With all units in a shutdown status, unit 2 refuel zone exhaust channel "B" radiation detector initiated secondary containment isolation. Investigation of this event yielded no definitive cause for the momentary detector spike. The detector was successfully surveillance tested after the isolations.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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|--|--|----------------|----------------------|--------------------|----------|----|-----|
| FACILITY NAME (1) Browns Ferry - Unit 2 | DOCKET NUMBER (2) 0 5 0 0 0 2 6 0 | LER NUMBER (6) | | | PAGE (3) | | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| | | 8 5 | - 0 0 6 | - 0 0 | 0 2 | OF | 0 2 |

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Units 1 and 2 are in refueling outages, and unit 3 is in an extended maintenance outage.

On June 20, 1985, a reactor zone (BD) and a refuel zone isolation (BD), standby gas treatment systems A, B, and C (BH), and control room emergency ventilation (BD) initiation occurred.

The investigation revealed that unit 2 refuel zone exhaust channel B radiation detector (DET) spiked high as was evidenced by the recorder. No definitive cause for this event was found. The initiation logic responded as designed with all respective safety systems initiating as expected. The licensed reactor operator verified that no abnormal situation existed, reset the isolation logic, and returned all systems to standby readiness. A surveillance test was successfully performed on the reactor building ventilation radiation monitors (IL).

Responsible Plant Section - N/A

Previous Events - None

TENNESSEE VALLEY AUTHORITY

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

July 19, 1985

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

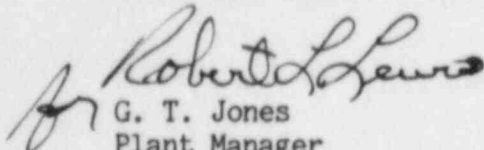
Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 2 -
DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE
OCCURRENCE REPORT BFRO-50-260/85006

The enclosed report provides details concerning secondary containment
isolation initiated from refuel zone radiation detector. This report
is submitted in accordance with 10 CFR 50.73(a)(2)(iv).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



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