

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Browns Ferry - Unit 1	DOCKET NUMBER (2) 500002159	PAGE (3) 1 OF 02
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TITLE (4)
Unidentified Leakage In Drywell

EVENT DATE (6)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
01	21	85	85	001	00	02	15	85			05000

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) 0100	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(e)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)						
	<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 50.36(e)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)						
	<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 50.36(e)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)							
	<input type="checkbox"/> 20.406(a)(1)(iv)	<input checked="" type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)							
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)	
NAME Jimmy B. Walker	TELEPHONE NUMBER 205729-2536

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	

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)

During normal startup of unit 1, an unidentified drywell leakage rate in excess of that allowed by Technical Specifications was noted. An orderly shutdown was initiated in accordance with Technical Specification requirements.

The leak was identified to be caused by a temporary hose which was used to test a check valve located inside the drywell.

In addition to the hose leak, a small weld crack inside the drywell was identified and repaired.

No safety limits were exceeded. Procedure inadequacy was the root cause for the first event. The pertinent procedures have been revised to prevent further occurrences.

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PDR ADOCK 05000259
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Browns Ferry - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 5 9 8 5	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 5	- 0 0 1	- 0 0	0 2	OF 0 2

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

Unit 1 was in startup, unit 2 was in a refueling outage, and unit 3 was at 100 percent power. This event affected unit 1 only.

During startup of unit 1 on January 21, 1985, after a short outage, it was noted that drywell (BD) leakage had exceeded the Technical Specification limit of 5 gallons per minute (gpm). The measured leakage rate was approximately 32 gpm as detected by drywell sump flow. An orderly shutdown was initiated in accordance with Technical Specification 3.6.C.3 which required cold shutdown within 24 hours.

Upon drywell entry, the leakage was identified to be caused by a temporary hose (TBG) which was used to test Core Spray testable check valve (FCV-75-26) (FCV) located in the drywell between the inboard and outboard isolation valves. The hose was positioned across the check valve for testing purposes but was not removed prior to unit startup. A pressure of approximately 800 psig was achieved during startup and with the associated drain valves left open, the temporary rubber hose slipped off its Chicago fitting. This resulted in leakage into the drywell.

Inadequate procedures were cited as the root cause of this incident. The Surveillance Instruction did not reference the applicable maintenance instruction, and the maintenance instruction did not have a second part verification that all temporary equipment had been removed and drain valves returned to normal. The applicable Surveillance and Maintenance Instructions have been revised to provide continuity of the instructions and to prevent further occurrences.

During a drywell inspection on January 22, 1985, a .50 inch long crack in a socket weld was discovered on "A" recirculation (AD) discharge bonnet vent valve 68-509 on principal recirculation valve FCV-68-3 (FCV). The bonnet vent valves and associated pipe were removed. The socket opening was plugged and seal welded. The cause for the weld to crack was fatigue failure due to vibration.

Both of these events are isolated cases, and no further actions are required.

Responsible Plant Section - MM

Previous Events - None

TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant

P. O. Box 2000

Decatur, Alabama 35602

February 15, 1985

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

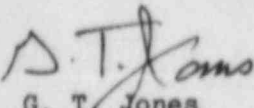
Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 1 -
DOCKET NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE
OCCURRENCE REPORT BFRO-50-259/85001

The enclosed report provides details concerning unidentified leakage in
the drywell. This report is submitted in accordance with 10 CFR 50.73
(a)(2)(ii) and (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

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