

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Browns Ferry - Unit 3										DOCKET NUMBER (2) 0 5 0 0 0 2 9 6 1				PAGE (3) 1 OF 0 2		
TITLE (4) Failure to Install Core Spray Hanger																
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)			
0 7	2 1	8 5	8 5	0 2 0	0 0 0	0 8	2 0	8 5					0 5 0 0 0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)														
N		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		20.405(a)(1)(i)				50.36(c)(1)				X 50.73(a)(2)(v)				73.71(c)		
0 1 0 1 0		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.405(a)(1)(iv)				X 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)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME										TELEPHONE NUMBER						
Stephen B. Jones										AREA CODE		2 1 0 1 5 7 1 2 9 1 - 1 2 5 1 3 1 8				
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPPDS						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO				

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

On July 21, 1985, during a walkdown of the unit 3 core spray system, it was discovered that a pipe support (No. H-81) had not been installed. An engineering evaluation of this condition determined the line was seismically qualified but could not be shown to be qualified for loss of coolant accident induced torus hydrodynamic loads. This hanger will be installed prior to the startup of the unit.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Browns Ferry - Unit 3	0500029685	85	020	00	02	OF	02

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

Units 1 and 2 were in refueling outages. Unit 3 was in cold shutdown. Only unit 3 was effected by this event.

During a walkdown of the unit 3 core spray system (CSS) (BG) on July 21, 1985, it was discovered that a hanger had not been installed on a 10-inch pump test line during the unit 3, cycle 5 outage. An engineering evaluation of the as-found piping configuration concluded that the pump test line was seismically qualified but was not qualified for loss of coolant accident (LOCA) induced torus hydrodynamic loads.

The drawing revision and issue system used during the timeframe of this modification did not revise the engineering change notice (ECN) data sheet with each drawing issued or revised. As a result, there was not a single document available that could be used to verify an ECN work package was complete. The cognizant engineer and supervisors aware of this system deficiency did not take sufficient care to ensure the applicable section of the ECN was complete.

This hanger (No. H-81) will be installed prior to the unit 3 startup. The drawing issue system for ECNs will be changed so the ECN data sheet is revised with each drawing issue or revision.

During a LOCA, there was the possibility for the pump test line to fail at a valve or at its torus penetration. A failure of this line could have resulted in a breach of primary containment or could have prevented the loop of CSS from performing as designed.

Responsible Plant Section - Modifications

Previous Events - None

TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant

P. O. Box 2000

Decatur, Alabama 35602

August 20, 1985

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

Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 3 -
DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE
OCCURRENCE REPORT BFRO-50-296/85020

The enclosed report provides details concerning failure to install
a core spray hanger. This report is submitted in accordance with
10 CFR 50.73(a)(2)(ii) and 10 CFR 50.73(a)(2)(v).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

Robert L. Lewis

Robert L. Lewis
Acting Plant Manager
Browns Ferry Nuclear Plant

Enclosures

cc (Enclosures):

Regional Administrator
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
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Atlanta, Georgia 30303

NRC Resident Inspector, BFN

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
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