

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Browns Ferry - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 5 9	PAGE (3) 1 OF 0 2
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TITLE (4)

Unit 1 Scram From High High-Pressure Turbine First Stage Pressure

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 2	2 2	8 4	8 4	0 1 4	0 1	0 3	1 3	8 4			0 5 0 0 0	
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 7			20.402(b)			20.406(c)			X 50.73(a)(2)(iv)			73.71(b)
			20.406(a)(1)(i)			50.38(c)(1)			50.73(a)(2)(v)			73.71(c)
			20.406(a)(1)(ii)			50.38(c)(2)			50.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)
			20.406(a)(1)(iii)			50.73(a)(2)(i)			50.73(a)(2)(viii)(A)			
			20.406(a)(1)(iv)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)			
			20.406(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(ix)			

LICENSEE CONTACT FOR THIS LER (12)

NAME C. J. Rozear	TELEPHONE NUMBER AREA CODE 2 1 0 5 7 1 2 1 9 1 - 1 0 1 7 1 8
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

During startup of unit 1, while warming the turbine, the reactor scrambled when the turbine high-pressure first stage pressure exceeded 142 psig with the turbine stop valves closed. All redundant systems were operable. The cause of the scram is considered to be procedural error. The operating instruction will be revised to keep the actual turbine first stage pressure from exceeding 135 psig during turbine stop valve closure.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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 1	0 5 0 0 0 2 5 9 8 4	—	0 1 4	—	0 1	0 2	OF 0 2

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

On February 22, 1984, with unit 1 operating at 7 percent power, unit 2 in startup and unit 3 in a refueling outage, the unit 1 reactor scrambled during startup when the turbine high-pressure first stage pressure exceeded 142 psig with the turbine stop valve (SHV) closed. The A2 and B1 reactor trip actuators were picked up and initiated the scram, indicating that only the setpoints of PT-1-81B and -91A (turbine first stage pressure permissive) (JC) were reached. Subsequent review indicates that the turbine first stage pressure permissive setpoint is reduced 12 psig for instrument accuracy and the actual setpoint is 142 psig vs. 154 psig specified in the Technical Specifications.

The cause of this scram is considered to be procedural inadequacy. Operating instruction OI-47 will be revised to keep the actual turbine first stage pressure from exceeding 135 psig during turbine stop valve closure.

This scram was normal and had no safety significance. There was no operation of the high pressure coolant injection system (BJ), the reactor core isolation cooling system (BH), main steam isolation valves (ISV) or main steam relief valves (RV).

Responsible Plant Section - OP

Previous Similar Events - None

TENNESSEE VALLEY AUTHORITY

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

March 16, 1984

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

Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 1 - DOCKET
NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE OCCURRENCE
REPORT BFRO-50-259/84014 R1

The enclosed updated report has been made to correct typo on page 2 of 2.
The numbers of setpoint PT-1-91A had been transposed. This report is
submitted in accordance with 10 CFR 50.73 (a)(2)(iv).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



G. T. Jones
Power Plant Superintendent
Browns Ferry Nuclear Plant

Enclosure

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

NRC Inspector, Browns Ferry Nuclear Plant

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