

## 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							
TITLE (4) Unplanned Start of Residual Heat Removal Pump 1B																						
EVENT DATE (6)			LER NUMBER (8)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (9)												
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)									
0	9	2	1	8	4	8	4	0	3	5	0	0	1	0	0	5	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) 1 0 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(a)(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 William A. Roberts, Jr.										TELEPHONE NUMBER 2 0 5 7 2 9 - 3 7 8 8												
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)												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 performance of surveillance instruction 4.2.B-45A, Low Pressure Coolant Injection System Logic-Functional Test, the loop II residual heat removal pump inadvertently started. The pump start was caused by a typographical error of a pump actuation relay number in a step of the instruction. Performance of the instruction was stopped and the pump returned to standby readiness. A non-intent change was made to the instruction to correct the typographical error.

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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	0500025984	—	035	—	00	02	OF 02

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

On September 21, 1984, unit 1 was operating normally at 100 percent power, units 2 and 3 were in refueling outages. Unit 1 was the only unit affected by this event.

During the performance of surveillance instruction 4.2.B-45A, Low Pressure Coolant Injection (BO) System - Functional Test, the loop II Residual Heat Removal (BO) pump (P) 1B inadvertently started. It was the intent of the instruction that the 1A pump be started upon manual actuation of a particular pump start relay. The inadvertent 1B pump start was caused by a typographical error in identifying the pump start relay.

Surveillance instruction 4.2.B-45A had recently undergone a general revision to individualize the steps to be performed on each loop. The instruction had previously been written with loop I components called out directly and loop II components in parenthesis. This revision had been initiated to improve clarity and reduce actuation of the wrong equipment. The event occurred during the first performance of the surveillance instruction following the general revision.

The performance of the instruction was stopped and the pump returned to standby readiness. The availability of the pump was not affected and there was no safety significance due to this event.

A non-intent instruction change was initiated to correct the typographical error. All personnel involved in the proof reading of the revised surveillance instruction were cautioned as to the effect that errors in instructions can produce on the operation of the plant. No further corrective action is required.

Responsible Plant Section - EN

Previous Similar Events -

BFRO-50-259/77012 82078  
BFRO-50-260-84005

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

October 5, 1984

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

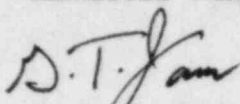
Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 1 -  
DOCKET NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE  
OCCURRENCE REPORT BFRO-50-259/84035

The enclosed report provides details that concern the unplanned start of residual heat removal pump 1B. 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

BCM:WAR:BDL

Enclosure

cc (Enclosure):

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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