

## 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) Reactor Water Cleanup System Isolation																																																	
EVENT DATE (5) MONTH DAY YEAR 0 6 1 1 8 5 8 5										LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER 0 0 5 0 0 0 7 0 2 8 5										REPORT DATE (7) MONTH DAY YEAR 0 6 1 1 8 5										OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) 0 5 0 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 0										20.402(b)										20.405(c)										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 386A)									
										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 R. C. Steele																				TELEPHONE NUMBER AREA CODE 2 0 5 7 2 9 1 - 3 5 8 3																													
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																						
AT			C/E			F/U			M 1 7 5			Yes																																					
SUPPLEMENTAL REPORT EXPECTED (14)																																																	
YES (If yes, complete EXPECTED SUBMISSION DATE)																				X NO										EXPECTED SUBMISSION DATE (15)																			

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

While unit 2 was in a refueling outage, the reactor water cleanup (RWCU) system isolated due to a blown fuse. This occurred when electricians shorted wires on a relay during removal. The RWCU responded as designed. The personnel responsible were cautioned to exercise more care. The blown fuse was replaced, and the system reset.

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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 2	0 5 0 0 0 2 6 0	8 5	- 0 0 5	- 0 0	0 2	OF	0 2

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

Units 1 and 3 were in cold shutdown, and unit 2 was in a refueling outage.

On June 11, 1985, the reactor water cleanup (RWCU) system isolated due to a blown fuse. The fuse opened when electricians shorted wires on a relay during changeout to comply with NRC Bulletin 84-02.

The personnel involved were exercising due caution and care in the performance of their job. The tools used were insulated as much as practical; however, the area is relatively confined and the spacing of the relay terminals makes removal difficult. As recurrence control, the personnel involved were cautioned to exercise more care in working under such conditions.

During the event, all safety systems performed as designed and no adverse affects were noted. The blown fuse was replaced, and the RWCU isolation reset.

Responsible Plant Section - EM

Previous Events - BFRO-50-259/84023

TENNESSEE VALLEY AUTHORITY

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

July 2, 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-50-260/85005

The enclosed report provides details concerning reactor water cleanup  
system isolation. This report is submitted in accordance with 10 CFR  
50.73(a)(2)(iv).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*J. R. Pittman*  
for 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