

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Browns Ferry - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 2 6 0					PAGE (3) 1 OF 0 2	
TITLE (4) Reactor Water Cleanup System Isolation Due To Blown Fuses																
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	1 6	8 5	8 5	0 1 1	0 0 0	8 1	3 8	5					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 0		20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)		
		20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)		
		20.406(a)(1)(ii)				50.36(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 Richard C. Steele										TELEPHONE NUMBER AREA CODE 2 0 5 7 2 9 1 - 3 5 8 1 3						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS						
AY	C	E F U	M	1 7 5	No											
SUPPLEMENTAL REPORT EXPECTED (14)																
YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO		EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR

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

On July 16, 1985, during the unit 2 refueling outage, an inadvertent reactor water cleanup system isolation occurred when two fuses in the isolation circuit failed. Work was in progress on a relay in the panel; however, it could not be specifically determined that the work contributed to the fuse failure. The failed fuses were replaced, and the isolation signal reset.

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PDR ADCK 05000260
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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 2	0500026085	85	011	00	02	OF	02

TEXT (If more space is required, use additional NRC Form 365A's) (17)

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

On July 16, 1985, an inadvertent reactor water cleanup (RWCU) system (CE) isolation occurred when fuses 16AF17 in panel 9-42 and 16AF18 in panel 9-43 blew. At the fuse failure time, work was in progress to replace relay (RLY) 16A-K6B (General Electric type HFA) coil in panel 9-17 in accordance with NRC IE bulletin 84-02. This fuse failure caused a RWCU system isolation as would be expected.

An investigation could not reveal if the work in panel 9-17 had contributed to blowing the fuses. Work was duplicated in the same sequence with no failures noted. Possible personnel error, direct cause undetermined, could be a factor. The work space is confined and relay 16A-K6B terminals are in close proximity to each other. The craftsman involved is experienced in this type of work and was exercising due caution while performing the work. The failed fuses were replaced, and the isolation signal reset.

Responsible Plant Section - N/A

Previous Events - BFRO-50-259/85021, -259/85011

TENNESSEE VALLEY AUTHORITY

Browns Ferry Nuclear Plant

P. O. Box 2000

Decatur, Alabama 35602

August 13, 1985

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

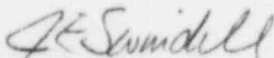
Dear Sir:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 2 -
DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE
OCCURRENCE REPORT BFRO-50-260/85011

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY



6- 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
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

NRC Resident Inspector, BFN