



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

Joseph R. Bynum  
Vice President, Nuclear Operations

MAY 11 1991

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

Dear Sir:

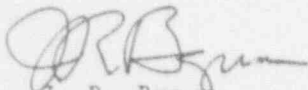
TVA - BROWNS FERRY NUCLEAR PLANT (BFN) UNIT 1 - DOCKET NO. 50-259 -  
FACILITY OPERATING LICENSE DPR-33 - REPORTABLE OCCURRENCE REPORT  
BFRO-50-259/91004

The enclosed report provides details concerning an unplanned Engineered Safety Feature actuation due to personnel error during conduct of Surveillance Instruction for the common accident signal logic. This report is submitted in accordance with 10 CFR 50.73(a)(2)(iv).

TVA is continuing its investigation of this event and will issue a supplement to this report by June 17, 1991.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

  
J. R. Bynum

Enclosure  
cc: see page 2

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U.S. Nuclear Regulatory Commission

MAY 11 1991

cc (Enclosure):

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

NRC Resident Inspector, BFN

Regional Administration  
U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30323

Thierry M. Ross  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Browns Ferry Unit 1										DOCKET NUMBER (2)   PAGE (3) 015101012   5   9   1   0   1   2									
TITLE (4) Unplanned Start of Unit 1 and 2 Diesel Generators Resulting from Personnel Error During Performance of Common Accident Signal Logic Surveillance Instruction																			
EVENT DAY (5)					LER NUMBER (6)					REPORT DATE (7)					OTHER FACILITIES INVOLVED (8)				
					SEQUENTIAL   REVISION					FACILITY NAMES   DOCKET NUMBER(S)									
MONTH   DAY   YEAR   YEAR					NUMBER   NUMBER   MONTH   DAY   YEAR					Browns Ferry Unit 2   015101012   6   0									
0   4   1   1   9   1   9   1					0   0   4   0   0   0   5   1   1   9   1					Browns Ferry Unit 3   015101012   9   6									
OPERATING   THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5:																			
MODE   N   (Check one or more of the following)(11)																			
(9)   20.402(b)   20.405(c)   X   50.73(a)(2)(iv)   73.71(b)																			
POWER   20.405(a)(1)(i)   50.36(c)(1)   50.73(a)(2)(v)   73.71(c)																			
LEVEL   20.405(a)(1)(ii)   50.36(c)(2)   50.73(a)(2)(vii)   OTHER (Specify in																			
(10)   0   0   0   20.405(a)(1)(iii)   50.73(a)(2)(i)   50.73(a)(2)(viii)(A)   Abstract below and in																			
20.405(a)(1)(iv)   50.73(a)(2)(ii)   50.73(a)(2)(viii)(B)   Text, NRC Form 366A)																			
20.405(a)(1)(v)   50.73(a)(2)(iii)   50.73(a)(2)(x)																			

## LICENSEE CONTACT FOR THIS LER (12)

NAME										TELEPHONE NUMBER									
										AREA CODE									
Steve Austin, Licensing Engineer										2   0   5   7   2   9   -   2   0   4   9									

## COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

REPORTABLE					REPORTABLE				
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	TO NPRDS

## SUPPLEMENTAL REPORT EXPECTED (14)

EXPECTED										MONTH   DAY   YEAR									
SUBMISSION																			
X   YES (If yes, complete EXPECTED SUBMISSION DATE)   NO										DATE (15)   0   6   1   7   9   1									
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																			

On April 11, 1991 at 1819 hours, emergency diesel generators 1A, 1B, 1C and 1D and the associated emergency equipment cooling water pumps unexpectedly auto-started during performance of Surveillance Instruction "Common Accident Signal Logic."

TVA is presently conducting an investigation of this event. TVA will report the results in a supplement to this Licensee Event Report.

## LICENSEE EVENT REPORT (LER)

## TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)				PAGE (3)				
		SEQUENTIAL		REVISION		PAGE		PAGE		
		YEAR	NUMBER	NUMBER	NUMBER	PAGE	PAGE	PAGE	PAGE	
Browns Ferry Unit 1	0500021599	0	0	4	0	0	0	2	0	2

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

DESCRIPTION OF EVENTS

On April 11, 1991, at 1819 hours, emergency diesel generators (EDGs), 1A, 1B, 1C and 1D [EK] and the associated Emergency Equipment Cooling Water (EECW) [BI] System pumps unexpectedly auto-started during performance of Surveillance Instruction, "Common Accident Signal Logic."

At 1819 hours while performing an annunciator check for the Division I portion of the test a nonlicensed, utility Assistant Unit Operator (AUO) placed keylock switch for common accident signal A-A (CASA-A) to the test position when the procedure required placing keylock switch common accident signal A-1 (CASA-1) in the test position. This action resulted in the start of 1A, 1B, 1C and 1D EDGs and the associated EECW pumps. At 1836 hours, following the removal of the accident signal the EDGs and EECW pumps were returned to standby readiness.

COMMITMENTS

TVA will issue a supplement to this Licensee Event Report by June 17, 1991.

Energy Industry Identification System (EIIS) codes are identified in the text as [XX].