

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: N.C. MOSELEY

FROM: TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENN.  
H.S. FOX

DATE OF DOCUMENT  
9-17-76

DATE RECEIVED  
9-30-76

LETTER  
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 COPY

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 UNCLASSIFIED

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NUMBER OF COPIES RECEIVED  
  
1

DESCRIPTION  
LTR. TRANS THE FOLLOWING.....

ENCLOSURE  
LICENSEE EVENT REPORT # 7610, ON 9-6-76, CONCERNING AN ERROR BY A LICENSED OPERATOR IN PULLING AN OUT-OF-SEQUENCE CONTROL ROD DURING SCRAM TIME TESTING.....

( 1 SIGNED CY. RECIEVED)  
( 3 PAGES)

**DO NOT REMOVE  
ACKNOWLEDGED**

PLANT NAME: BROWNS FERRY # 2

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J..COLLINS

FOR ACTION/INFORMATION

SAB 90-4-76

<input checked="" type="checkbox"/> BRANCH CHIEF:	SCHWENGER
<input checked="" type="checkbox"/> W/3 CYS FOR ACTION	
<input checked="" type="checkbox"/> LIC. ASST.:	SHEPPARD
<input checked="" type="checkbox"/> W/ CYS	
<input checked="" type="checkbox"/> ACRS 16CYS <del>XXXXXX</del> /SENT TO LA	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE				
<input checked="" type="checkbox"/> NRC PDR				
<input checked="" type="checkbox"/> I & E (2)				
<input checked="" type="checkbox"/> MIPC				
<input checked="" type="checkbox"/> SCHROEDER/IPPOLITO				
<input checked="" type="checkbox"/> HOUSTON				
<input checked="" type="checkbox"/> NOVAK/CHECK				
<input checked="" type="checkbox"/> GRIMES				
<input checked="" type="checkbox"/> CASE				
<input checked="" type="checkbox"/> BUTLER				
<input checked="" type="checkbox"/> HANAUER				
<input checked="" type="checkbox"/> TEDESCO/MACCARY				
<input checked="" type="checkbox"/> EISENIUT				
<input checked="" type="checkbox"/> BAER				
<input checked="" type="checkbox"/> SHAO				
<input checked="" type="checkbox"/> VOLLMER/BUNCH				
<input checked="" type="checkbox"/> KREGER/J. COLLINS				

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: ATHENS, ALA.			
<input checked="" type="checkbox"/> PIC:			
<input checked="" type="checkbox"/> NSIC:			

9930



12

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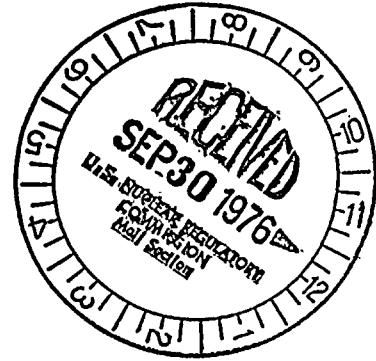


## TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

September 17, 1976

Mr. Norman C. Moseley, Director  
 U.S. Nuclear Regulatory Commission  
 Office of Inspection and Enforcement  
 Region II  
 230 Peachtree Street, NW., 8th Floor  
 Atlanta, Georgia 30303



Dear Mr. Moseley:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 -  
 DOCKET NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE  
 OCCURRENCE REPORT BFRO-50-260/7610

The enclosed report is to provide details concerning an error by a licensed operator in pulling an out-of-sequence control rod during scram time testing. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry Nuclear Plant unit 2.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*H. S. Fox*  
 for H. S. Fox  
 Director of Power Production



Enclosure (3)

CC (Enclosure):

Director, (3)

Office of Management Information and Program Control  
 U.S. Nuclear Regulatory Commission  
 Washington, D.C. 20555

Director (40)

Office of Inspection and Enforcement  
 U.S. Nuclear Regulatory Commission  
 Washington, D.C. 20555

9930



1954

Dear Mr. [Name],

I am writing to you regarding the [Topic]...

The [Topic] is currently being reviewed by the [Department]...

I will be in contact with you again once a decision has been reached.

Thank you for your patience and understanding.

Sincerely,  
[Name]

[Address]

[City, State, Zip]

[Phone Number]

[Additional Information]

CONTROL BLOCK:

1 | | | | | 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME

LICENSE NUMBER

LICENSE TYPE

EVENT TYPE

01 | A | L | B | R | F | 2 |

| | | | | - | | | | | - | | | |

4 | 1 | 1 | 1 | 1 |

0 | 1 |

01 CONT

CATEGORY  
57 58

REPORT TYPE  
T

REPORT SOURCE  
L

DOCKET NUMBER  
050-0260

EVENT DATE  
090676

REPORT DATE

EVENT DESCRIPTION

02 See Attachment (BFRO-50-260/7610)

SYSTEM CODE  
RB

CAUSE CODE  
A

COMPONENT CODE  
CRDRVE

PRIME COMPONENT SUPPLIER  
N

COMPONENT MANUFACTURER  
G080

VIOLATION  
Y

CAUSE DESCRIPTION

08 See Attachment

FACILITY STATUS  
B

% POWER  
001

OTHER STATUS  
NA

METHOD OF DISCOVERY  
A

DISCOVERY DESCRIPTION  
NA

FORM OF ACTIVITY RELEASED  
Z

CONTENT OF RELEASE  
Z

AMOUNT OF ACTIVITY  
NA

LOCATION OF RELEASE  
NA

PERSONNEL EXPOSURES

13 000 Z NA

PERSONNEL INJURIES

14 000 NA

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

16 Z NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 See Attachment

19

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_



## Attachment

### Event Description

During the performance of scram times Surveillance Instruction 4.3.C, with all "A" sequence rods in position 48, and two groups of "B" rods in group notch control withdrawn to maintain rates pressure, the operator at the scram test panel placed a scram signal on an out-of-sequence, fully inserted rod (02-27) in error. The control room operator failed to correctly identify this rod as an out-of-sequence rod and proceeded to withdraw it to position 48 assuming that position was required by the rod program. The RWM was inoperable at this time, and a second licensed operator was being used to verify control rod program. (BFRO-50-260/7610)

### Cause Description

Personnel error. Both licensed operators failed to verify the correct rod position by the rod program.

### Additional Factors

### Corrective Action

Special training will be held so that each licensed operator is again instructed to actually verify correct rod position by referring to the rod program. This training shall emphasize the necessity for the second operator to check the rod program and verify that the console operator has the correct rod selected and is going to withdraw or insert rod to specified notch.



12/12/12



*Central File*  
*50-260*



**Telegram**

AAB192(1625)(2-044265E251)PD 09/07/76 1625

*76-10*

ICS IPMBNGZ CSP

DUPLICATE OF TELEPHONE TELEGRAM

2057298316 NL TDBN DECATUR AL 100 09-07 0425P EST

PMS U.S. ATOMIC ENERGY COMMISSION REGION II DIRECTORATE OF REGULATORY OPERATIONS

230 PEACHTREE ST NORTHWEST

ATLANTA GA 30303

BFRO-50-260/7610 DURING SCRAM TIME TESTING WITH UNIT 2 REACTOR AT HOT STANDBY AN OUT OF SEQUENCE CONTROL ROD WAS WITHDRAWN ON SEPTEMBER 6 1976

H J GREEN POWER PLANT SUPT BROWNS FERRY NUCLEAR PLANT

NNNN

SEP 10 10 50 AM '76

*526-4503*

*SD*  
*8/00/855A - MAIL*