

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: Mr. Norman C. Moseley

FROM: Tennessee Valley Authority  
Chattanooga, Tennessee  
H. S. Fox

DATE OF DOCUMENT  
2/17/77DATE RECEIVED  
2/22/77

☒ LETTER  
☐ ORIGINAL  
☒ COPY

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☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
None signed

## DESCRIPTION

Ltr. trans the following:

**DO NOT REMOVE**  
**ACKNOWLEDGED**

## PLANT NAME:

Browns Ferry Unit No. 3

(1-P)

## ENCLOSURE

Licensee Event Report (RO 50-296/772) on  
1/26/77 concerning HPCI restraints R-24 &  
R-35 on the pump discharge line which were  
discovered with loose bolts and broken cinch  
anchors.....

(1-P)

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

FOR ACTION/INFORMATION 2/25/77

RJL

☒ BRANCH CHIEF: Kniel

☒ W/3 CYS FOR ACTION

☒ LIC. ASST.: J. Lee

☒ W/ CYS

☒ ACRS 16 CYS HOLDING/SENT: *Car. B. (2/25/77)*

## INTERNAL DISTRIBUTION

☒ REG FILE

☒ NRC-PDR

☒ I & E (2)

☒ MIPC

☒ SCHROEDER/IPPOLITO

☒ HOUSTON

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☒ HANAUER

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☒ BAER

☒ SHAO

☒ VOLLMER/BUNCH

☒ KREGER/J. COLLINS

## EXTERNAL DISTRIBUTION

☒ LPDR: Athens, Ala.

☒ TIC:

☒ NSIC:

## CONTROL NUMBER

1805 296  
404

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(11) (11)

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

February 17, 1977

REGULATORY DOCKET FILE COPY

Mr. Norman C. Moseley, Director  
U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region II  
230 Peachtree Street, NW., Suite 1217  
Atlanta, Georgia 30303



Dear Mr. Moseley:

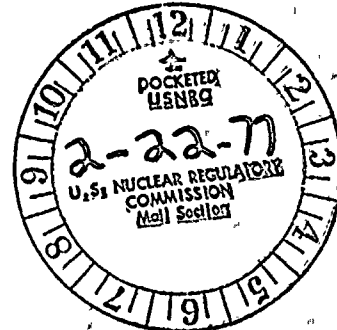
TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 3 -  
DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE  
OCCURRENCE REPORT BFRO-50-296/772

The enclosed report is to provide details concerning HPCI restraints R-24 and R-35 on the pump discharge line which were discovered with loose bolts and broken cinch anchors upon completion of operation of the HPCI system during a reactor scram on January 26, 1977. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry unit 3.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

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

1805

RECEIVED FOR THE DIRECTOR

U.S. DEPARTMENT OF JUSTICE

MAILED 10  
JAN 10 1968



TO : DIRECTOR, FBI (100-441100)  
FROM : SAC, NEW YORK (100-158861) (P)  
SUBJECT: [Illegible]



# LICENSEE EVENT REPORT

CONTROL BLOCK:       

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE					EVENT TYPE							
01	A	L	B	R	F	3	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	2
7	8	9				14	15										25	26				30	31	32

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER						EVENT DATE					REPORT DATE								
01	CONT	L	L	0	5	0	-	0	2	9	6	0	1	2	6	7	7						
7	8	57	58	59	60	61					68	69				74	75					80	

## EVENT DESCRIPTION

02	On January 26, 1977, at 1947 hours, the HPCI was initiated during a reactor scram.	80
03	Upon completion of the operation of the HPCI system, HPCI restraints R-24 and R-35	80
04	on the pump discharge line were discovered with loose bolts and broken cinch anchors.	80
05	(BFRO-50-296/772)	80
06		80
07		80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION			
07	C	J	H	A	N	G	E	R	N	T	1	4	2	N
7	8	9	10	11	12			17	43	44			47	48

## CAUSE DESCRIPTION

08	Restraints R-24 and R-35 were not installed as designed and it appears that the	80
09	surging of the pump discharge line during initiations caused the restraints to	80
10	loosen.	80

FACILITY STATUS		% POWER	OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	E	1	0	0	NA	B	Routine Inspection	
7	8	9	10	12	13	44	45	46

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE	AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
12	Z	Z	NA		NA	
7	8	9	10	11	44	45

## PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION			
13	0	0	0	Z	NA
7	8	9	11	12	13

## PERSONNEL INJURIES

NUMBER	DESCRIPTION			
14	0	0	0	NA
7	8	9	11	12

## OFFSITE CONSEQUENCES

15	NA	80
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## LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION		
16	Z	NA	
7	8	9	10

## PUBLICITY

17	NA	80
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## ADDITIONAL FACTORS

18	HPCI restraints R-24 and R-35 were installed as designed. HPCI restraints on Units 1	80
19	and 2 will be inspected and repaired if necessary. This will be completed by 3/1/77.	80

