

50-296

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: Mr N C Moseley

FROM: Tennessee Valley Authority
Chattanooga, Tn
H S Fox

DATE OF DOCUMENT
2-17-77

DATE RECEIVED 2-22-77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED
1cc signed

DESCRIPTION

Ltr trans the following:

1p

PLANT NAME: Browns Ferry #3

ENCLOSURE

Licensee Event Report (RO# 772) on 1-26-77 concerning loose bolts on HPCI restraints R-24 & R-35 on the pump discharge line due to improper installation.....

1p DO NOT REMOVE

ACKNOWLEDGED

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

FOR ACTION/INFORMATION

2-23-77 ehf

BRANCH CHIEF:	Schwencer
W/3 CYS FOR ACTION	
LIC. ASST.:	Sheppard
W/1 CYS	
ACRS / 6 CYS HOLDING/SENT	AS CAT B

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Athas, A12

TIC:

NSIC:

1814

07-17-77

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-17-83 BY SP-1

CONFIDENTIAL

07-33-0

and

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-17-83 BY SP-1
.....

CONFIDENTIAL

of

CONFIDENTIAL

07-33-0

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

February 17, 1977

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



REGULATORY DOCKET FILE COPY

Dear Mr. Moseley:

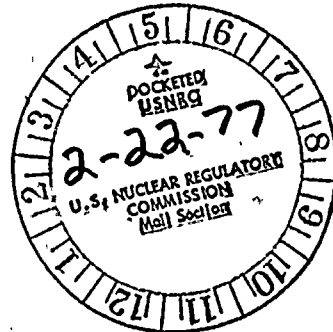
TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 3 -
DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE
OCCURRENCE REPORT BFRO-50-296/772

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

183 - 1814

RECEIVED



RECEIVED



1814

181

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSE NAME

LICENSE NUMBER

LICENSE TYPE

EVENT TYPE

1	A	L	B	R	F	3	0	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

0	1			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

0	2	On January 26, 1977, at 1947 hours, the HPCI was initiated during a reactor scram.																							80
7	8	9																							
0	3	Upon completion of the operation of the HPCI system, HPCI restraints R-24 and R-35																							80
7	8	9																							
0	4	on the pump discharge line were discovered with loose bolts and broken cinch anchors.																							80
7	8	9																							
0	5	(BFRO-50-296/772)																							80
7	8	9																							
0	6																								80
7	8	9																							

SYSTEM CODE

CAUSE CODE

COMPONENT CODE

PRIME COMPONENT SUPPLIER

COMPONENT MANUFACTURER

VIOLATION

0	7	C	J	B	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

0	8	Restraints R-24 and R-35 were not installed as designed and it appears that the																							80
7	8	9																							
0	9	surging of the pump discharge line during initiations caused the restraints to																							80
7	8	9																							
1	0	loosen.																							80
7	8	9																							

FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

1	1	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

1	2	Z	Z	NA	NA		
7	8	9	10	11	44	45	80

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

1	3	0	0	0	Z	NA
7	8	9	11	12	13	80

PERSONNEL INJURIES

NUMBER

DESCRIPTION

1	4	0	0	0	NA
7	8	9	11	12	80

OFFSITE CONSEQUENCES

1	5	NA	
7	8	9	80

LOSS OR DAMAGE TO FACILITY

TYPE

DESCRIPTION

1	6	Z	NA	
7	8	9	10	80

PUBLICITY

1	7	NA	
7	8	9	80

ADDITIONAL FACTORS

1	8	HPCI restraints R-24 and R-35 were installed as designed. HPCI restraints on Units 1																							80
7	8	9																							

1	9	and 2 will be inspected and repaired if necessary. This will be completed by 3/1/77.																							80
7	8	9																							



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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

February 17, 1977

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

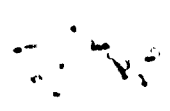

H. S. Fox
Director of Power Production

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



[The text in this section is extremely faint and illegible. It appears to be a multi-paragraph document with several lines of text per paragraph. The characters are sparse and difficult to discern.]

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME:

01	A	L	B	R	F	3
----	---	---	---	---	---	---

 LICENSE NUMBER:

0	0	-	0	0	0	0	0	0	-	0	0
---	---	---	---	---	---	---	---	---	---	---	---

 LICENSE TYPE:

4	1	1	1	1
---	---	---	---	---

 EVENT TYPE:

0	2
---	---

CATEGORY:

01	CONT
----	------

 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

0	5	0	-	0	2	9	6
---	---	---	---	---	---	---	---

 EVENT DATE:

0	1	2	6	7	7
---	---	---	---	---	---

 REPORT DATE:

--	--	--	--	--	--	--	--	--	--	--	--

EVENT DESCRIPTION

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

SYSTEM CODE:

C	J
---	---

 CAUSE CODE:

B

 COMPONENT CODE:

H	A	N	G	E	R
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER:

N

 COMPONENT MANUFACTURER:

T	1	4	2
---	---	---	---

 VIOLATION:

N

CAUSE DESCRIPTION

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

FACILITY STATUS:

E

 % POWER:

1	0	0
---	---	---

 OTHER STATUS:

NA

 METHOD OF DISCOVERY:

B

 DISCOVERY DESCRIPTION:

Routine Inspection

FORM OF ACTIVITY RELEASED:

Z

 CONTENT OF RELEASE:

Z

 AMOUNT OF ACTIVITY:

NA

 LOCATION OF RELEASE:

NA

PERSONNEL EXPOSURES

13 NUMBER:

0	0	0
---	---	---

 TYPE:

Z

 DESCRIPTION:

NA

PERSONNEL INJURIES

14 NUMBER:

0	0	0
---	---	---

 DESCRIPTION:

NA

OFFSITE CONSEQUENCES

15

NA

LOSS OR DAMAGE TO FACILITY

16 TYPE:

Z

 DESCRIPTION:

NA

PUBLICITY

17

NA

ADDITIONAL FACTORS

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

