

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO:

Mr. Norman C. Moseley

FROM:

Tennessee Valley Authority  
Chattanooga, Tenn.  
H. S. Fox

DATE OF DOCUMENT

10/7/76

DATE RECEIVED

10/15/76

☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

None signed

☐ ORIGINAL  
☒ COPY☒ UNCLASSIFIED

## DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED

DO NOT REMOVE

(1-P)

PLANT NAME:

Browns Ferry Unit #3

## ENCLOSURE

Licensee Event Report (RO 50-296/768) on  
9/21/76 concerning the HPCI shaft oil pump  
not maintaining pressure, during the  
performance of a routine surveillance test.

(1-P)

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

FOR ACTION/INFORMATION 10/15/76

RJJ

☒ BRANCH CHIEF: Kniel  
☒ W/3 CYS FOR ACTION  
☒ LIC. ASST.: Lee  
☒ W/1 CYS  
☒ ACRS/16 CYS HOLDING/SENT TO LA

## INTERNAL DISTRIBUTION

☒ 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

☒ LPDR: Athens, Ala.  
☒ TIC:  
☒ NSIC:

CONTROL NUMBER

10457

28

1944

1944

1944

1944

1944

1944

1944

1944

(-)

(-)

1944

1944

1944

1944

1944

1944

1944

1944

1944

1944

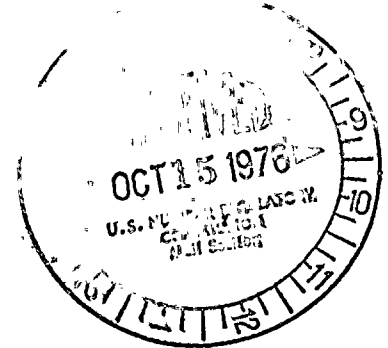


TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

October 7, 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 3 -  
DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE  
OCCURRENCE REPORT BFRO-50-296/768

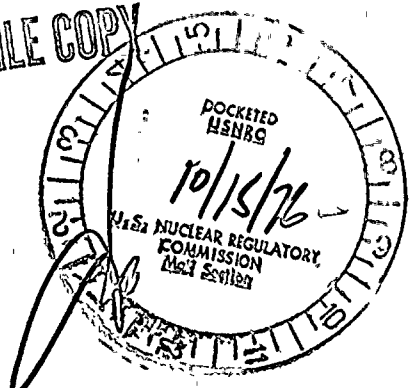
The enclosed report is to provide details concerning the HPCI shaft oil pump that would not maintain pressure during the performance of a routine surveillance test. This report is submitted in accordance with Browns Ferry Technical Specifications Section 6. This event occurred on Browns Ferry Nuclear Plant unit 3.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

REGULATORY DOCKET FILE COPY

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

10457

...the ... of ...  
...the ... of ...  
...the ... of ...

*[Handwritten notes or signature]*

...the ... of ...  
...the ... of ...  
...the ... of ...

# LICENSEE EVENT REPORT

**CONTROL BLOCK:**

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

1                          6

**(PLEASE PRINT ALL REQUIRED INFORMATION)**

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

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER						EVENT DATE				REPORT DATE										
[0]	[1] CON'T	[ ] [ ]	[L]	[L]	0	5	0	-	0	2	9	6	0	9	2	1	7	6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	8	57	58	59	60	61						68	69					74	75					80

### EVENT DESCRIPTION

02	During the performance of a routine surveillance test, the HPCT shaft oil pump would	80
03	not maintain pressure. This caused erratic operation of the HPCT and caused the	80
04	auxiliary oil pump to cycle on and off. (BFRO-50-296/768).	80
05		80
06		80

7 8 9 SYSTEM CODE CAUSE CODE COMPONENT CODE PRIME COMPONENT SUPPLIER COMPONENT MANUFACTURER VIOLATION

07 C J F Z Z Z Z Z N Z 9 9 9 N

7 8 9 10 11 12 13 14 15 16 17 43 44 45 46 47 48

**CAUSE DESCRIPTION**

08 A loose union on the suction side of the shaft oil pump permitted the pump to suck  
7 8 9 80  
09 air and thereby reduced the oil pressure. This caused the auxiliary oil pump to  
7 8 9 80  
10 cycle on and off and also caused erratic governor operation.  
7 8 9 80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	B	0	1	0	NA		B	Unsatisfactory performance		
7	8	9	10	11	12	13	14	15	16	17

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	2	3		NA		NA	
7	8	9	10	11	44	45	80

## PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION
13	0	0	0	3	NA

## PERSONNEL INJURIES

NUMBER				DESCRIPTION
14	0	0	0	NA

### OFFSITE CONSEQUENCES

15	NA	
7 8 9		80

**LOSS OR DAMAGE TO FACILITY**

TYPE		DESCRIPTION
16	Z	NA

## PUBLICITY

17	NA	80
----	----	----

### ADDITIONAL FACTORS

18 The leaking union on the suction side of the HPCI shaft oil pump was tightened and  
89 80

19 the SI was satisfactorily performed.  
89 80

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

GPO "381-667"

40