

50-296

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FILE NUMBER

INCIDENT REPORT

DATE OF DOCUMENT

7/25/77

DATE RECEIVED

7/28/77

TO: Norman C. Moseley

FROM: Tennessee Valley Auth
Chattanooga, TN
H. S. Fox☒ LETTER
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DESCRIPTION

PLANT NAME: Browns Ferry Nuclear Power Plt
Unit No. 3
RBT 7/28/77

ENCLOSURE

Licensee Event Report (50-296/77-10)
on 7/5/77 concerning the failure of
the HPCI turbine steam supply valve
3-FCV-73-16 opening during performance
of operability surveillance instruction.
1p+2pACKNOWLEDGED
DO NOT REMOVENOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

1 CY ENC Rec'd

FOR ACTION/INFORMATION

BRANCH CHIEF:

Schwenger

W/ 3 CYS FOR ACTION

LIC ASST.:

Sheppard

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E (2)

MIPC

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HOUSTON

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BUTLER

HANAUER

TEDESCO

EISENHUT

BAER

SHAO

VOLLMER/BUINCH

KREGER/ J. COLLINS

ROSA

EXTERNAL DISTRIBUTION

LPDR: Athens, ALA.

TIC:

NSIC:

ACRS (16) SENT AS CAT B

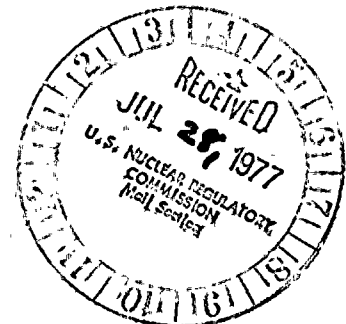
CONTROL NUMBER



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

JUL 25 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-50-296/7710

The enclosed report provides details concerning the HPCI turbine steam supply valve 3-FCV-73-16 which failed to open during performance of an operability surveillance instruction. 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



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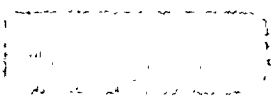
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LICENSEE EVENT REPORT

CONTROL BLOCK:

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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				
01	CONT	L	L	0	5	0	0	2	9	6	0	7	0	5	7	7
7	8	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71

EVENT DESCRIPTION

02	SEE ATTACHMENT	
7 8 9		80
03		
7 8 9		80
04		
7 8 9		80
05	Regulatory	File 57
7 8 9		80
06		
7 8 9		80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION	
07	C J	E	V	A	L	V	O	P	N	L	2	0	0	N
7	8 9 10	11	12					17	43	44			47	48

CAUSE DESCRIPTION

08	SEE ATTACHMENT	
89		80
09		80
89		80
10		80
89		80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	E	0	6	0	NA		B	NA		
8	9	10	12	13	44	45	46	80		

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	2	3		NA		NA	
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

5	NA
89	80

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION
6	3	NA

PUBLICITY

7	NA	
8		80

ADDITIONAL FACTORS

8	NA	80
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9

NAME: _____ PHONE: _____

EVENT DESCRIPTION

During performance of operability surveillance instruction, the HPCI turbine steam supply valve 3-FCV-73-16 failed to open. The breaker overloads were found tripped. The overloads were reset and the valve opened. The torque switch gear assembly for a limitorque size SMB-2 valve operator was replaced. A similar condition occurred on unit 2 in December 1976. (BFRO-50-260/7617) All other safeguard systems were operable (BFRO-50-296/7710).

CAUSE DESCRIPTION

The torque switch gear assembly for a limitorque size SMB-2 valve operator sheared preventing the torque switch from stopping the motor when the valve closed causing the overloads to trip. The torque switch gear assembly was replaced and the valve operated satisfactorily.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUL 28 AM 11 31