

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-296

REC: OREILLY J P
NRC

ORG: FOX H S
TN VALLEY AUTH

DOCDATE: 09/19/77
DATE RCVD: 02/22/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

LICENSEE EVENT REPT. NO. 50-296 CONCERNING THE HPCI TURBINE SPEED
CONTROLLER WHICH WOULD NOT CONTROL THE TURBINE DURING SURVEILLANCE
TESTING...

PLANT NAME: BROWNS FERRY - UNIT 3

REVIEWER INITIAL: XRL
DISTRIBUTOR INITIAL:

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

LER (BACKFIT)
(DISTRIBUTION CODE F001)

INTERNAL: ~~REG FILE**W/ENCL~~
I & E**W/2 ENCL

NRC PDR**W/ENCL

EXTERNAL: LPDR'S
ATHENS, AL**W/ENCL
TIC**W/ENCL
ACRS CAT B**W/O ENCL

DISTRIBUTION: LTR 6 ENCL 6
SIZE: 1P+1P+3P

CONTROL NBR: 780530225

THE END

AOH
HA



SEP 19 1977

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

McNallen
18892

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
230 Peachtree Street, NW., Suite 1217
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 3 -
DOCKET NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE
OCCURRENCE REPORT BFRO-50-296/7715

The enclosed report provides details concerning the HPCI turbine
speed controller which would not control the turbine during
surveillance testing. This report is submitted in accordance with
Browns Ferry unit 3 Technical Specifications, Section 6.7.2.a(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

H. S. Fox
Director of Power Production

REGULATORY DOCKET FILE COPY

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

F001
5

1977 SEP 22 AM 7 58

RECEIVED MIPC



34

10-11-11

35

LINSEE EVENT REPORT

18892

CONTROL BLOCK: 1 6

[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	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	8	3	0	7	7	0	9	1	6	7	7
7	8	57	58	59	60	61					68	69					74	75					80

EVENT DESCRIPTION

02	(SEE ATTACHED SHEET)	80
03		80
04		80
05		80
06		80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE				PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION				
07	C	J	E	M	E	C	F	U	N	N	W	2	9	0	N
7	8	9	10	11	12				17	43	44			47	48

CAUSE DESCRIPTION

08	The dropping resistor assembly (Woodward Part No. 8270-282) which supplies power	80
09	to the Woodward governor failed due to an opened resistor.	80
10		80

FACILITY STATUS	% POWER	OTHER STATUS		METHOD OF DISCOVERY	DISCOVERY DESCRIPTION	
11	0	8	7	B	N/A	
7	8	9	10	11	12	13

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
12	3	N/A		N/A	
7	8	9	10	11	12

PERSONNEL EXPOSURES		
NUMBER	TYPE	DESCRIPTION
13	0	N/A
7	8	9

PERSONNEL INJURIES	
NUMBER	DESCRIPTION
14	N/A
7	8

OFFSITE CONSEQUENCES
15
7

LOSS OR DAMAGE TO FACILITY	
TYPE	DESCRIPTION
16	N/A
7	8

PUBLICITY
17
7

ADDITIONAL FACTORS
18
7

19		80
7	8	9

NAME: _____ PHONE: _____

EVENT DESCRIPTION

During surveillance testing, the HPCI turbine speed controller would not control the turbine. The controller was repaired and returned to service prior to completing all the backup system testing required by section 3.5.E.2 of the limiting conditions of operation in the technical specifications; therefore, only the CSS and RHR (LPCI) tests were completed. This is a repetitive occurrence. (BFR0-50-296/7715)

LICENSEE EVENT REPORT

CONTROL BLOCK: 0118892

(PLEASE PRINT ALL REQUIRED INFORMATION)

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

CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
<u>01</u> <u>CONT</u>	<u>L</u>	<u>L</u>	<u>0</u> <u>5</u> <u>0</u> <u>-</u> <u>0</u> <u>2</u> <u>9</u> <u>6</u>	<u>0</u> <u>8</u> <u>3</u> <u>0</u> <u>7</u> <u>7</u>	<u>0</u> <u>9</u> <u>1</u> <u>6</u> <u>7</u> <u>7</u>
7 8 57 58	59 60	61 60	68 69	74 75	80

EVENT DESCRIPTION

02 ~~(SP) (SPEED) (CONTROLLER) (77-15)~~ DURING SURVEILLANCE TESTING, HPCI TURBINE

03 SPEED CONTROLLER ~~WOULD~~ NOT CONTROL TURBINE. CONTROLLER WAS

04 REPAIRED PRIOR TO COMPLETING ALL BACKUP TESTING REQUIRED

05 BY TECH. SPEC. 35.E.2

06

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
<u>07</u> <u>C</u> <u>T</u>	<u>E</u>	<u>M</u> <u>E</u> <u>C</u> <u>F</u> <u>U</u> <u>N</u>	<u>N</u>	<u>W</u> <u>2</u> <u>9</u> <u>0</u>	<u>N</u>
7 8 9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 The dropping resistor assembly (Woodward Part No. 8270-282) which supplies power

09 to the Woodward governor failed due to an opened resistor.

10

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
<u>11</u> <u>E</u>	<u>0</u> <u>8</u> <u>7</u>	<u>N/A</u>	<u>B</u>	<u>N/A</u>
7 8 9	10 12	13	44 45	46 80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
<u>12</u> <u>3</u>	<u>3</u>	<u>N/A</u>	<u>N/A</u>
7 8 9	10 11	44	45 80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
<u>13</u> <u>0</u> <u>0</u> <u>0</u>	<u>2</u>	<u>N/A</u>
7 8 9 11	12	13 80

PERSONNEL INJURIES

NUMBER	DESCRIPTION
<u>14</u> <u>0</u> <u>0</u> <u>0</u>	<u>N/A</u>
7 8 9 11	12 80

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
<u>16</u> <u>2</u>	<u>N/A</u>
7 8 9 10	80

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 N/A

19

NAME: _____ PHONE: _____

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EVENT DESCRIPTION

During surveillance testing, the HPCI turbine speed controller would not control the turbine. The controller was repaired and returned to service prior to completing all the backup system testing required by section 3.5.E.2 of the limiting conditions of operation in the technical specifications; therefore, only the CSS and RHR (LPCI) tests were completed. This is a repetitive occurrence. (BFRO-50-296/7715)

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CONTROL DESK

'978 FEB 22 AM 8 53

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