

LICENSEE EVENT REPORT

CONTROL BLOCK:

1	2	3	4	5	6
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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	A	L	B	R	F	2	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5
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7 8 9 14 15 25 26 30 37 CAT 55

CON'T

0	1	L	6	0	5	0	0	0	2	6	0	7	1	2	2	9	8	3	8	0	1	2	7	8	4	9
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7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During normal operation, the hydrogen analyzer "B" hydrogen sample inlet pump

0 3 was discovered to be inoperable (T.S. 3.7.H.2). There was no effect on public

0 4 health and safety. T.S. 3.7.H.2 permits operation for 30 days with one

0 5 hydrogen analyzer inoperable. Hydrogen analyzer "A" was available and

0 6 operable. Hydrogen analyzer "B" was inoperable for about 14 hours.

0 7

0 8

0 9

0	9	S	E	11	E	12	B	13	M	O	T	O	R	X	14	Z	15	Z	16
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7 8 9 10 11 12 13 18 19 20

17	8	3		0	8	3		0	3	L		0
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21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN C 18 Z 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NPD-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER L 25 COMPONENT MANUFACTURER M 2 7 0 44

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Metal Bellows Corporation motor, PN. 25626 (Mfg. by Toshiba) failed due to a

1 1 seized bearing. The pump and motor assembly, Metal Bellows Corporation PN.

1 2 26293, was replaced and SI 4.7.H was completed. The apparent cause for the

1 3 bearing failure was improper bearing clearance. This is considered a random

1 4 failure and no further recurrence control is planned.

1	5	E	28	1	0	0	29	NA	B	31	Operator observed	32
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7 8 9 10 12 13 44 45 46

1	6	Z	33	Z	34	NA	35	NA	36
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7 8 9 10 11 44 45 46

1	7	0	0	0	37	Z	38	NA	39
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7 8 9 11 12 13

1	8	0	0	0	40	NA	41
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7 8 9 11 12

1	9	Z	42	NA	43
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7 8 9 10

2	0	N	44	NA	45
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7 8 9 10
PUBLICITY ISSUED DESCRIPTION (45)
NAME OF PREPARER Stan D. Carter
PHONE (205) 729-08008402080154 840127
PDR ADOCK 05000260
S PDR

NRC USE ONLY

LER SUPPLEMENTAL INFORMATION

BFRO-50- 260 / 83083 Technical Specification Involved 3.7.H.2

Reported Under Technical Specification 6.7.2.b.(2)* Date Due NRC 1/28/84

Event Narrative:

Unit 1 and unit 3 were in a refueling outage and unit 2 was operating at 100-percent power. Unit 2 was the only unit affected by this event. On December 29, 1983, during normal operation, hydrogen analyzer "B" was discovered to be inoperable due to failure of the hydrogen analyzer sample inlet pump (Technical Specification 3.7.H.2). There was no effect on public health and safety. Technical Specification 3.7.H.2 allows 30 days operation with one hydrogen analyzer inoperable. Hydrogen analyzer "A" was available and operable. The hydrogen sample inlet pump and motor assembly was replaced and SI 4.7.H was successfully completed.

Investigation revealed that the inboard motor bearing had seized, apparently due to improper bearing clearance. This is considered a random event and no further recurrence control is planned.

* Previous Similar Events:

296/83030 - Failure of an outboard end bell.

260/81056 - Bearings seized on "2B" sample return pump.

NOTE: Motor manufactured by Reliance Electric.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

January 27, 1984

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW.
Atlanta, Georgia 30303

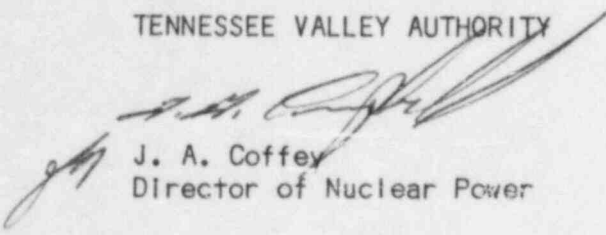
Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 - DOCKET
NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE OCCURRENCE
REPORT BRFO-50-260/83083

The enclosed report provides details concerning inoperability of hydrogen
analyzer "B" sample inlet pump. This report is submitted in accordance
with Browns Ferry unit 2 Technical Specification 6.7.2.b(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



J. A. Coffey
Director of Nuclear Power

Enclosure

cc (Enclosure):

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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Institute of Nuclear Power Operations
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

NRC Inspector, Browns Ferry

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