

CONTROL BLOCK: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)01 ALBRF3 00-000000-0003 411114 5
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60CONT
01 REPORT SOURCE L 05000296 050483 060283 9
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, hydrogen analyzer "B" was removed from service to
03 replace defective hydrogen sample inlet pump motor (T.S. 3.7.H.2). There was
04 no effect on public health or safety. T.S. 3.7.H.2 permits operation for 30
05 days with one hydrogen analyzer inoperable. Hydrogen analyzer "A" was available
06 and operable. Hydrogen analyzer "B" was inoperable for about 43 hours.
07
0809 SYSTEM CODE SE 11 CAUSE CODE B 12 CAUSE SUBCODE B 13 COMPONENT CODE M O T O R X 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 16
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
17 LER/NO REPORT NUMBER 83 18 EVENT YEAR 83 19 SEQUENTIAL REPORT NO. 030 20 OCCURRENCE CODE 03 21 REPORT TYPE L 22 REVISION NO. 0
23 ACTION TAKEN C 24 FUTURE ACTION Z 25 EFFECT ON PLANT Z 26 SHUTDOWN METHOD Z 27 HOURS 0000 28 ATTACHMENT SUBMITTED Y 29 NPRD-4 FORM SUB. N 30 PRIME COMP. SUPPLIER L 31 COMPONENT MANUFACTURER M 270
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Metal Bellows Corporation motor, part number 25626, required replacement due to
11 a worn end bell. The pump and motor assembly, Metal Bellows Corporation part
12 number 26293, was replaced and SI 4.7.H was successfully completed. The
13 apparent cause for wear of the end bell was improper bearing clearance. This
14 is considered a random event and no further recurrence control is planned.15 FACILITY STATUS E 28 % POWER 100 29 OTHER STATUS NA 30 METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION Operator observation
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 6016 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 6017 PERSONNEL EXPOSURES NUMBER 000 37 TYPE Z 38 DESCRIPTION NA 39
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 6018 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION NA 41
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 6019 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 6020 PUBLICITY ISSUED N 44 DESCRIPTION NA 45
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 608306130163 830602
PDR ADOCK 05000296
S PDR

NRC USE ONLY

NAME OF PREPARER Stanley Carter

PHONE (205) 729-0889

IE 22
11

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

June 2, 1983

USNRC REGION I
ATLANTA, GEORGIA
83 JUN 7 9:26

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

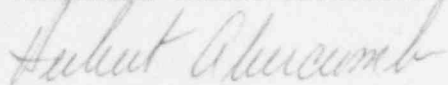
Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 3 - DOCKET
NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE OCCURRENCE
REPORT BFRO-50-296/83030

The enclosed report provides details concerning the removal of a hydrogen
analyzer from service to replace the sample pump motor. This report is
submitted in accordance with Browns Ferry unit 3 Technical Specification
6.7.2.b(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



H. J. Green
Director of Nuclear Power

Enclosure

cc (Enclosure):

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

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

NRC Inspector, Browns Ferry

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 83030 Technical Specification Involved 3.7.H.2

Reported Under Technical Specification 6.7.2.b.(2) * Date Due NRC 6/3/83

Event Narrative:

Unit 1 was in a refueling outage, unit 2 was operating at 99-percent power, and were unaffected by this event. With unit 3 operating at 100-percent power hydrogen analyzer "B" was removed from service to replace a defective hydrogen sample inlet pump and motor assembly, which was causing an abnormal noise (Technical Specification 3.7.H.2). Investigation revealed that the end bell of the hydrogen sample inlet pump motor was worn approximately .003 inches, allowing excessive vibration of the rotor of the motor. 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.

The apparent cause for wear in the end bell was improper bearing clearance. This is considered a random event and no further recurrence control is planned.

* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP