

CONTROL BLOCK: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)01 A L B R F 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 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

CONT

01 REPORT SOURCE L 6 0 5 0 0 0 2 9 6 7 0 8 3 1 8 3 9 0 9 2 9 8 3 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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation with unit 3 at 88-percent power, Hydrogen Analyzer B,

03 H₂AN-76-104 was declared inoperative due to receipt of loss-of-flow light 76-88.

04 T. S. 3.7.H-1 requires two independent gas analyzers for monitoring the drywell

05 and torus to be operable when not in cold shutdown. There was no effect on

06 public health or safety. "A" Hydrogen Analyzer was operable.

07

08

09 S E 11 X 12 Z 13 I N S T R U 14 E 15 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 4017 LER/NO REPORT NUMBER 8 3 21 22 23 24 25 26 27 28 29 30 31 32 33
ACTION TAKEN 18 F 19 Z 20 Z 21 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 W 24 L 25 X 9 9 9
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The loss-of-flow annunciator was received due to moisture collecting in the

11 sample lines. Hayes-Republic Analyzer (model A-SH006430) H₂AN sample lines

12 were blown down and dried, and the system returned to service. DCR P-2693

13 has been issued to correct a moisture problem in the lines.

14

15 E 28 0 8 8 29 N/A 30 A 31 Control Room Alarm
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 4016 Z 33 Z 34 N/A 35 N/A 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 4017 0 0 0 37 Z 38 N/A 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 4018 0 0 0 40 N/A 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 4019 Z 42 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 4020 N 44 N/A 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

NAME OF PREPARER D. C. Goodwin

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 83053 Technical Specification Involved 3.2.H-1

Reported Under Technical Specification 6.7.2.b.(2)* Date Due NRC 09/30/83

Event Narrative:

Units 2 and 3 were operating at 97 and 88% power respectively. Unit 1 was in a refueling outage. Only unit 3 was affected by this event. Hydrogen analyzer B (H₂AN-76-104) was declared inoperative due to receipt of loss-of-flow light 76-88. ² Technical Specification 3.7.H-1 requires two operable independent analyzers for monitoring the drywell and torus when not in cold shutdown. The loss of flow was found to be the result of moisture collecting in the sample lines. The Hayes-Republic Analyzer (model A-SH006430) sample lines were blown down and dried, and the system returned to service. DCR P-2693 has been issued to correct the moisture problem. There was no effect on the health or safety of the public. Hydrogen Analyzer "A" was operable.

* Previous Similar Events:

BFRO-50-260/81050, 83017, 83052
296/81006, 83045

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: *JRP*

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

33 SEP 2 9:23

September 29, 1983

83 OCT 3 9:28

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 BFR0-50-296/83053

The enclosed report provides details concerning an inoperable hydrogen
analyzer. 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
H. J. Green
Director of Nuclear Power

Enclosure

cc (Enclosure):

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Washington, D.C. 20555

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Atlanta, Georgia 30339

NRC Inspector, Browns Ferry

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