

50-296

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:

Mr. Norman C. Moseley

FROM:

Tennessee Valley Authority
Chattanooga, Tennessee
H. S. FoxDATE OF DOCUMENT
6/7/77DATE RECEIVED
6/9/77☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☐ ORIGINAL☐ UNCLASSIFIED☒ COPY

1 C C

DESCRIPTION

PLANT NAME:

Browns Ferry Unit No. 3

(1-P)

RJL 6/10/77

ENCLOSURE

Licensee Event Report (RQ 50-296/777) on
5/18/77 concerning torus oxygen sensor
failing to calibrate to two percent oxygen
calibration gas.....**DO NOT REMOVE
ACKNOWLEDGED**

(1-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:

W/3 CYS FOR ACTION

LIC. ASST.:

W/7 CYS

ACRS 16 CYS HOLDING/SENT

Schwenger

Sheppard

AS CMT B

INTERNAL DISTRIBUTION

REG. FILE

NRC-PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR:

TIC:

NSIC:

CONTROL NUMBER

1. 1. 1.

2. 2. 2.

3. 3. 3.

4. 4. 4.

5. 5. 5.



TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

July 21, 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



Regulatory Docket File

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-50-296/777

The enclosed is a followup report to my letter dated June 7, 1977,
concerning torus oxygen sensor O₂M-76-42 which failed to calibrate
to 2-percent oxygen calibration gas during normal operation.

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

ENC 1 10 42

1. The first part of the report is a summary of the work done during the period from 1st July to 31st July 1951. It is divided into two main sections: (a) a summary of the work done during the period from 1st July to 15th July, and (b) a summary of the work done during the period from 16th July to 31st July.

2. The second part of the report is a detailed account of the work done during the period from 1st July to 31st July 1951.

3. The third part of the report is a summary of the work done during the period from 1st July to 31st July 1951. It is divided into two main sections: (a) a summary of the work done during the period from 1st July to 15th July, and (b) a summary of the work done during the period from 16th July to 31st July.

4. The fourth part of the report is a detailed account of the work done during the period from 1st July to 31st July 1951.

5. The fifth part of the report is a summary of the work done during the period from 1st July to 31st July 1951.

6. The sixth part of the report is a detailed account of the work done during the period from 1st July to 31st July 1951.

7. The seventh part of the report is a summary of the work done during the period from 1st July to 31st July 1951.

8. The eighth part of the report is a detailed account of the work done during the period from 1st July to 31st July 1951.

9. The ninth part of the report is a summary of the work done during the period from 1st July to 31st July 1951.

10. The tenth part of the report is a detailed account of the work done during the period from 1st July to 31st July 1951.

RECEIVED DOCUMENT
PROCESSING UNIT

LICENSEE EVENT REPORT -

BFA85
9/29/76

CONTROL BLOCK: 1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE
NAME

UPDATE REPORT - PREVIOUS REPORT DATE

June 7, 1977

EVENT
TYPE

01 A L B R F 3

0 0 - 0 0 0 0 0 0 - 0 0

4 1 1 1 1 1

0 3

01 CONT L L 0 5 0 - 0 2 9 6 0 5 1 8 7 7

EVENT DESCRIPTION

02 During normal operations, torus oxygen sensor O₂M-76-42 failed to calibrate to two
percent oxygen calibration gas. A redundant hydrogen sensor in torus is operable.
04 This is a repetitive occurrence. Investigation showed FCV-76-42B not functioning.
05 Repair of FCV cleared up problem. BFRO-50-296/777
06

07 I E E I N S T R U N A 6 1 0 N

CAUSE DESCRIPTION

08 ASCO solenoid valve, SN 97009 A, Catalog No. HT8262A-203E, TVA No. FSV-76-42B was
09 found to leak instrument air to sensor, resulting in greater than 2 percent oxygen
10 calibration atmosphere. Valve was reworked and sensor calibrated correctly.

11 E 0 9 0 N/A b Surveillance Testing
12 Z Z N/A N/A

PERSONNEL EXPOSURES

13 0 0 0 Z N/A

PERSONNEL INJURIES

14 0 0 0 N/A

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

16 Z N/A

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 N/A

19

2000