

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

DEC 17 4 5. 10

December 14, 1981

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
101 Marietta Street, Suite 3100
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-50-296/81068

The enclosed report provides details concerning 3 EN reactor motor-operated
valve board motor-generator set which was removed from service to investigate
rising vibration problems. 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 (3)

cc (Enclosure):

Director (3)
Office of Management Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Director (40)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Records Center
Institute of Nuclear Power Operations
1820 Water Place
Atlanta, Georgia 30339

Mr. R. F. Sullivan, NRC Inspector, Browns Ferry

8112240135 811214
PDR ADOCK 05000296
S PDR

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LICENSEE EVENT REPORT

CONTROL BLOCK: [] [] [] [] [] [] [] [] [] [] (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[0][1] [A][L][B][R][F][3][2][0][0][0][0][0][0][0][0][0][0][0][0][0][0][0][4][1][1][1][1][4][] (5)
7 8 9 14 15 25 26 30 37 58

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

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

REPORT SOURCE

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[0][2] [During refueling outage, 3 EN RMOV board MG set was removed from service to investi-]
[0][3] [gate rising vibration problems. (T.S. 3.9.C.4) There was no danger to the health]
[0][4] [or safety of the public. Redundant systems were available and operable. There]
[0][5] [were no previous similar events.]

[0][9] [E][E][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z][Z]
7 8 9 10 11 12 13 14 18 19 20

SYSTEM CODE

CAUSE CODE

CAUSE SUBCODE

COMPONENT CODE

COMP. SUBCODE

VALVE SUBCODE

(17) LER/RO REPORT NUMBER

EVENT YEAR [8][1]

SEQUENTIAL REPORT NO. [0][6][8]

OCCURRENCE CODE [0][3]

REPORT TYPE [L]

REVISION NO. [0]

ACTION TAKEN [A][18]

FUTURE ACTION [X][19]

EFFECT ON PLANT [Z][20]

SHUTDOWN METHOD [Z][21]

HOURS [0][0][0][0]

ATTACHMENT SUBMITTED [Y][23]

NPRD-4 FORM SUB. [N][24]

PRIME COMP. SUPPLIER [Z][25]

COMPONENT MANUFACTURER [Z][9][9][9][26]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[1][0] [Investigation of rising vibration problems. Flywheel bearing on motor side had become]
[1][1] [noisy and was replaced as a preventive maintenance action and MG set was realigned.]
[1][2] [Since no failure occurred, no recurrence control is required other than the established]
[1][3] [periodic monitoring of the MG sets.]

[1][5] [H][28] [0][0][0][29] [NA][30] [A][31] [Operator observed][32]
7 8 9 10 11 12 13 14 15 16 17 44 45 46 47 48 80

FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

[1][6] [Z][33] [Z][34] [NA][35] [NA][35]
7 8 9 10 11 12 13 14 15 16 17 44 45 46 47 48 80

ACTIVITY CONTENT

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

[1][7] [0][0][0][37] [Z][38] [NA][39]
7 8 9 10 11 12 13 14 15 16 17 44 45 46 47 48 80

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

[1][8] [0][0][0][40] [NA][41]
7 8 9 10 11 12 13 14 15 16 17 44 45 46 47 48 80

PERSONNEL INJURIES

NUMBER

DESCRIPTION

[1][9] [Z][42] [NA][43]
7 8 9 10 11 12 13 14 15 16 17 44 45 46 47 48 80

LOSS OF OR DAMAGE TO FACILITY

TYPE DESCRIPTION

[2][0] [N][44] [NA][45]
7 8 9 10 11 12 13 14 15 16 17 44 45 46 47 48 80

PUBLICITY

ISSUED DESCRIPTION

8112240142 811214 PDR ADOCK 05000296 PDR

NRC USE ONLY

NAME OF PREPARER Gene Holder

PHONE (205) 729-6134

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 81068 Technical Specification Involved 3.9.C.4

Reported Under Technical Specification 6.7.2.b(2) * Date Due NRC 12/15/81

Date of Occurrence 11/15/81 Time of Occurrence 2040 Unit 3

Identification and Description of Occurrence:

3 EN RMOV board MG set was removed from service to investigate rising vibration.

Conditions Prior to Occurrence:

Unit 1 at 64%.

Unit 2 at 91%.

Unit 3 in refueling outage.

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

None

Apparent Cause of Occurrence:

Rising vibration

Analysis of Occurrence:

There was no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

Corrective Action:

Flywheel bearing on motor side of MG set was replaced as a preventive maintenance action and MG set was realigned. Since no failure occurred, no recurrence control is required other than the established periodic monitoring of the MG sets.

Failure Data: None

Retention: Period - Lif time; Responsibility - Document Control Supervisor

*Revision: 