

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 ALBRF1 000-000000-000 411111 4

CONT

01 REPORT SOURCE L 050000259 121283 011084

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 During unit outage, while performing SI 4.8.B.2-1b and 4.8.B.2-2a an analyst
03 discovered a broken vacuum pump belt on 1-RM-90-250 (reactor and turbine
04 building vent monitor). The CAM may have been inoperable for a maximum of 24-
05 hours (T.S. 3.8.B). There was no effect on public health and safety. Hourly
06 samples and similar monitors for units 2 and 3 showed no increase in activity
07 levels during the event. There are no redundant systems.

08

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
M C 11 E 12 F 13 P U M P X X 14 X 15 Z 16
17 LER/RO REPORT NUMBER 83 18 SEQUENTIAL REPORT NO. 071 19 OCCURRENCE CODE 03 20 REPORT TYPE L 21 REVISION NO. 0
22 ACTION TAKEN 19 Z 23 EFFECT ON PLANT Z 24 SHUTDOWN METHOD Z 25 HOURS 0000 26 ATTACHMENT SUBMITTED Y 27 NPD-4 FORM SUB. N 28 PRIME COMP. SUPPLIER L 29 COMPONENT MANUFACTURER S093

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

10 The cause was normal wear due to continuous operation. The standard V-belt
11 for the Schwitzer Model 325 Series air pump was replaced. No further recur-
12 rence control is required. The drive belts are checked periodically for wear
13 by SI 4.8.B.4.2.a.

14

15 FACILITY STATUS H 28 000 29 NA 30 METHOD OF DISCOVERY A 31 Lab Analyst Observed 32
33 ACTIVITY CONTENT RELEASED OF RELEASE 34 AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36

16

17 PERSONNEL EXPOSURES NUMBER 000 37 Z 38 NA 39

17

18 PERSONNEL INJURIES NUMBER 000 40 NA 41

18

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 NA 43

19

20 PUBLICITY ISSUED DESCRIPTION N 44 NA 45

20

840214021B 840110
PDR ADOCK 05000259
S PDR

NRC USE ONLY

NAME OF PREPARER T. J. Sharpe

PHONE (205) 729-0621

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 83071 Technical Specification Involved 3.8.B.8

Reported Under Technical Specification 6.7.2.b(2) * Date Due NRC 1/11/83

Event Narrative:

Units 1 and 3 were shut down for refueling, unit 2 was at 91-percent power. Only unit 1 was affected. During a routine response check of the 1-RM-90-250 continuous air monitor (CAM) the radiochemical laboratory analyst discovered that the drive belt for the Schwitzer Model 325 Series vacuum pump had broken. 1-RM-90-250 monitors the unit 1 reactor and turbine building vents for the presence of radioactivity. The radiochemical lab began taking hourly samples immediately, and operations personnel were notified.

The cause was due to the normal wear expected of continuous operation. A preventive maintenance program to periodically replace these belts is being established and no additional recurrence control is necessary. Hourly samples showed no increase in radiation levels and similar reactor and turbine building vent monitors on units 2 and 3 were operable and also showed no increase in radiation levels. There was no effect on public health and safety.

* Previous Similar Events:

BFRO-50-259/81051, 82008, 82061, 83051, 83059
260/82036, 83003
296/81063, 81067

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP

3150-0011

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PHONE: (205) 729-0621

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*Revision: JRP

1760
L51 840110 833

1750 Chestnut Street Tower II

January 10, 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 1 - DOCKET
NO. 50-259 - FACILITY OPERATING LICENSE DPR-33 - REPORTABLE OCCURRENCE
REPORT BFR0-50-259/83071

The enclosed report provides details concerning a continuous air
monitor that was inoperable because of a broken drive belt. This
report is submitted in accordance with Browns Ferry unit 1 Technical
Specification 6.7.2.b(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Coffey
Director of Nuclear Power

GTJ:MLG
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

DESIGNATED ORIGINAL

Certified By

OFFICIAL COPY

IF 22
11

Mr. James P. O'Reilly

cc (Enclosure):

NUC PR ARMS, 1520 CST2-C
E. A. Belvin, 109 MPB-M
Alvan Bruch, 201 SPB-K
C. W. Crawford, 670 CST2-C
C. H. Crowell, EI2A4 C-K
H. N. Culver, 249A HBB-K
J. P. Darling, 546 CST2-C
R. J. Johnson, POTC (Attention: N. S. Catron)
R. L. Lumpkin, 401 UBB-C (2)
D. E. McCloud, 1530 CST2-C
L. M. Mills, 400 CST2-C
J. A. Raulston, W10C126 C-K
F. A. Szczepanski, 220 401B-C
D. L. Williams, W10B85 C-K

UNITED STATES GOVERNMENT

Memorandum

TENNESSEE VALLEY AUTHORITY

TO : T. G. Campbell, Manager, Nuclear Production, 1760 CST2-C

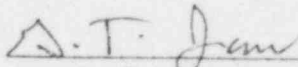
FROM : G. T. Jones, Power Plant Superintendent, Browns Ferry Nuclear Plant

DATE : JAN 10 1984

SUBJECT: REPORTABLE OCCURRENCE REPORT - BFRO-50-259/83071 - BROWNS FERRY
NUCLEAR PLANT

Attached is the Plant Operations Review Committee's report of the subject reportable occurrence. This occurrence is reportable under Browns Ferry Unit 1 Technical Specifications, Section 6.7.2.b.(2). This occurrence has been evaluated for reportability under 10 CFR 21 and is not reportable.

This report is due NRC January 11, 1984.


G. T. Jones

TLC:SSH

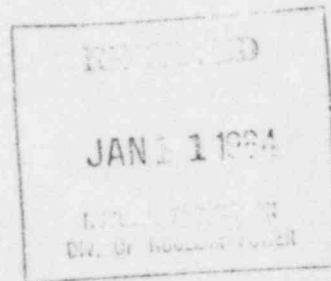
Attachments

cc (Attachments):

NUC PR ARMS, 1520 CST2-C

T. L. Chinn, BFN

W. C. Thomison, BFN



This was principally prepared by C. J. Rozear

