

CONTROL BLOCK

PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION

01 A L B R F 3 0 0 - 0 0 0 0 0 - 0 0 4 1 1 1 1 4

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, while performing SI4.9.A.1.a, D/G Monthly Test,
03 an open coil was found in relay TRB2. This failure prevented the per-
04 formance of all required testing but would not have prevented D/G operat-
05 ing from an accident signal. The D/G was declared inoperable. (TS3.9.B.2)
06 The D/G was inoperable for 10 hrs. There was no effect on public health
07 and safety. TS3.9.B.2 allows operation for 7 days with 1 D/G inoperable.
08 All other requirements of TS3.9.B.2 were met.

09 SYSTEM CODE E B 11 CAUSE CODE E 12 CAUSE SUBCODE A 13 COMPONENT CODE R E L A Y X 14 COMP SUBCODE A 15 VALVE SUBCODE Z 16
17 LER NO. REPORT NUMBER 8 3 18 SEQUENTIAL REPORT NO. 0 3 9 19 OCCURRENCE CODE 0 3 20 REPORT TYPE L 21 REVISION NO. 0
22 ACTION TAKEN A 19 Z 19 23 FUTURE ACTION Z 20 24 EFFECT ON PLANT Z 21 25 SHUTDOWN METHOD Z 21 26 HOURS 0 0 0 0 27 ATTACHMENT SUBMITTED Y 28 NRC-4 FORM SUB N 29 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER G 0 8 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The relay coil, GE part No.366A772G2, which failed with an open circuit,
11 was replaced in relay TRB2, GE model No.12HFA51A42H. The failure of this
12 coil differs from the failure of other HFA relay coils that have been
13 experienced in that the coil spool did not melt. This is considered a
14 random failure and no recurrence control required.

15 FACILITY STATUS E 29 % POWER 0 9 7 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance tests
16 ACTIVITY CONTENT RE-LEASED OF RELEASE Z 13 Z 14 35 AMOUNT OF ACTIVITY NA 36 LOCATION OF RELEASE NA 37
17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 Z 38 39 DESCRIPTION NA
18 PERSONNEL INJURIES NUMBER 0 0 0 40 41 DESCRIPTION NA
19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 43 DESCRIPTION NA
20 PUBLICITY ISSUED N 44 45 DESCRIPTION NA
NAME OF PREPARER Walter T. Christopher
PHONE (205)729-0889

NRC USE ONLY

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 83039 Technical Specification Involved 3.9.B.2

Reported Under Technical Specification 6.7.2.b.(2)* Date Due NRC 8/4/83

Event Narrative:

Unit 1 was in a refueling outage; unit 2 was operating normally at 100 percent power; unit 3 was operating normally at 97 percent power. Unit 3 was affected by this event. On July 5, 1983, while performing Surveillance Instruction 4.9.A.1.a, Diesel Generator Monthly Test, it was discovered that the coil on relay TRB2 had failed. An open relay coil created the failure. The diesel generator would have functioned as required on an accident signal but the relay failure prevented performance of all required testing. Diesel generator 3EB was declared inoperable for repairs, per Technical Specification 3.9.B.2. The coil, GE part number 366A772G2, was replaced in relay TRB2, GE model number 12HFA51A42H. All testing was completed and the diesel generator was returned to service. Diesel generator 3EB was inoperable for 10 hours. There was no effect on public health and safety. The diesel generator was returned to service within the time frame specified by Technical Specification 3.9.B.2. The three remaining unit 3 diesel generators were operable, two offsite power sources were available, and all the core spray and residual heat removal systems were operable. This is considered a random failure and no recurrence control is required.

* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP

TENNESSEE VALLEY AUTHORITY

USNRD
ATLANTA, GEORGIA
ATLANTA, TENNESSEE 37401

1750 Chestnut Street Tower II

83 AUG 4 AIO: 18

August 3, 1983

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 DPP-68 - REPORTABLE OCCURRENCE
REPORT BFRO-50-296/83039

The enclosed report provides details concerning a diesel generator removed
from service for relay repairs. This report is submitted in accordance with
Browns Ferry unit 3 Technical Specification 6.7.2.b.(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



6 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

~~CONFIDENTIAL~~

IE22