

CONTROL BLOCK: ☐ ☐ ☐ ☐ ☐ ☐ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)01 A L B R F 2 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 27 28 LICENSE TYPE 30 31 CAT 58

CONT

01 REPORT SOURCE L 6 0 5 0 0 0 2 6 0 7 0 5 0 3 8 3 8 0 5 2 7 8 3 9
7 8 9 DOCKET NUMBER 58 59 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation, while performing SI 4.1.A-8 on unit 2, Scram

03 Discharge Volume (SDV) scram switch, 2-LS-85-45C, failed to operate. This

04 switch trips Reactor Protection System logic upon actuation. Technical

05 Specification Table 3.1.A requires a minimum number of 2 operable instruments

06 per trip system and limits the volume level to \leq 50 gal. There was no effect

07 on public health and safety. Redundant level switches were available and

08 operable.

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
I A 11 E 12 E 13 I N S T R U 14 S 15 Z 16

17 LER/RO REPORT NUMBER 8 3 21 22 SEQUENTIAL REPORT NO. 0 2 2 24 25 OCCURRENCE CODE 0 3 27 28 REPORT TYPE I 30 31 REVISION NO. 0 32

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
E 18 Z 19 Z 20 Z 21 0 0 0 0 22 Y 23 N 24 L 25 M 0 4 0 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Level switch 2-LS-85-45C failed to operate. The Magnetrol model

11 402-EPIVPX-SIMD4H switch drifted outside its operating band. The switch was

12 adjusted and returned to service. No recurrence control is planned as this

13 event is considered random and is the first event for the modified tank and

14 switch arrangement.

15 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance Testing 32

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 33 34 NA 35 LOCATION OF RELEASE NA 36

17 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41

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

20 PUBLICITY ISSUED DESCRIPTION N 44 NA 45

8306070099 830527
PDR ADDCK 05000260
S PDR

NRC USE ONLY

NAME OF PREPARER D. C. Goodwin

PHONE (205) 729-0841

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

May 27, 1983

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30303

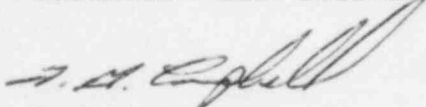
Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 2 - DOCKET
NO. 50-260 - FACILITY OPERATING LICENSE DPR-52 - REPORTABLE OCCURRENCE
REPORT BFRO-50-260/83022

The enclosed report provides details concerning a scram switch for the
Scram Discharge Volume that failed to operate. This report is submitted
in accordance with Browns Ferry unit 2 Technical Specification 6.7.2.b.(1).

Very truly yours,

TENNESSEE VALLEY AUTHORITY


H. J. Green
Director of Nuclear Power

Enclosure

cc (Enclosure):

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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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Institute of Nuclear Power Operations
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Atlanta, Georgia 30339

NRC Inspector, Browns Ferry

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 260 / 83022 Technical Specification Involved 3.1.A

Reported Under Technical Specification 6.7.2.b.1 * Date Due NRC 06/02/83

Event Narrative:

Unit 2 and unit 3 were operating at 100-percent power. Unit 1 was in a refueling outage. Only unit 2 was affected by this event. While performing Surveillance Instruction 4.1.A-8 (Reactor Protection System High Water Level in Scram Discharge Tank) the Scram Discharge Volume (SDV) scram switch, 2-LS-85-45C, was found inoperable. This switch trips Reactor Protection System logic upon actuation. Technical Specification Table 3.1.A requires a minimum of two operable instruments per trip system and limits the volume level to 50 gal. The switch had drifted outside its operating band. There was no effect on public health and safety. Redundant level switches were available and operable. The switch was adjusted and returned to service. No recurrence control is required as this is considered a random event.

* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP