

CONTROL BLOCK: _____ (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 | 4 | _____ | 5

CONT
01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 6 | 0 | 7 | 0 | 5 | 1 | 5 | 8 | 3 | 8 | 0 | 6 | 1 | 4 | 8 | 3 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10
02 | During normal operation on unit 2, recirculation pump 2A tripped after
03 | isolation valve 2-24-744 failed closed leading to a recirculation MG set 2A
04 | trip on high temperature. TS 3.6.F.1 permits reactor operation for up to 24
05 | hours on a single recirculation pump. Recirculation pump 2A was returned to
06 | service within 30 minutes after an adequate cooling water path was
07 | reestablished. There was no adverse effect on the health and safety of the
08 | public. There are no redundant systems.

09 | SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE
| C | E | 11 | | E | 12 | B | 13 | V | A | L | V | E | X | 14 | | E | 15 | | D | 16
| 8 | 3 | | | 0 | 2 | 4 | | | 0 | 3 | | | | | 0 |
17 | LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.
| X | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | L | 25 | C | 6 | 6 | 5 | 26
ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS | ATTACHMENT SUBMITTED | NPRO-4 FORM SUB | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27
10 | Isolation valve 2-24-744 failed and went closed preventing adequate cooling
11 | flow to the fluid drive 2A oil coolers. The Crane model XP-3600 valve was
12 | repaired and the recirculation pump returned to service after successfully
13 | performing SI 4.6.A.6 & 7 and 4.6.E-1. This event is considered to be a
14 | random occurrence and no further recurrence control is required.

15 | FACILITY STATUS | % POWER | OTHER STATUS | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION
| E | 28 | 0 | 8 | 5 | 29 | NA | A | 31 | Operator Observation | 32

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

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

18 | PERSONNEL INJURIES NUMBER | DESCRIPTION
| 0 | 0 | 0 | 40 | NA | 41

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

20 | PUBLICITY ISSUED | DESCRIPTION
| N | 44 | NA | 45
NAME OF PREPARER David Lochbaum
PHONE (205) 729-0845
NRC USE ONLY

8306270090 830614
PDR ADOCK 05000260
S PDR

LER SUPPLEMENTAL INFORMATION

BFRO-50- 260/ 83024 Technical Specification Involved 3.6.F.1 & 2

Reported Under Technical Specification 6.7.2.b.(2) Date Due NRC 6/15/83

Event Narrative:

With unit 1 in a refueling outage, unit 2 at 85-percent power and unit 3 at 99-percent power, recirculation pump 2A tripped at 0150 May 15, 1983. Investigation showed that isolation valve 2-24-744 had failed due to sheared coupling pins and went closed, preventing adequate raw cooling water supply to the fluid drive 2A oil coolers. Isolation valve 2-24-744 is a Crane Model XP-3600 gate valve. The loss of cooling resulted in MG set 2A tripping on high temperature, which then tripped recirculation pump 2A. An adequate cooling water flow path was reestablished and recirculation pump 2A placed back in service at 0220 May 15, 1983, after performing SI 4.6.A.6, SI 4.6.A.7, and 4.6.E-1. Technical Specification 3.6.F.1 permits reactor operation for up to 24 hours with one recirculation pump out of service, thus making this event reportable under TS 6.7.2.b.(2). This event is considered to be a random occurrence and no further recurrence control is required.

* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

June 14, 1983

83 JUN 21 9:42
USNRC REGION 1
ATLANTA, GEORGIA

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-50-260-83024

The enclosed report provides details concerning a recirculation pump
that tripped because of inadequate cooling flow to the fluid drive oil
coolers. This report is submitted in accordance with Browns Ferry
unit 2 Technical Specification 6.7.2.b(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



H. J. Green
Director of Nuclear Power

Enclosure

cc (Enclosure):

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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Institute of Nuclear Power Operations
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

NRC Inspector, Browns Ferry

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