NRC FORM 366 (12-81) 10 CFR 50	LICENSEE EVENT REPORT	APPROVED BY OME
CONTROL BLOCK:	(PLEASE PRINT OR TYPE ALL R	
O 1 A L B R F 2	0 0 - 0 0 0 0 0 - 0 0 3 4 1	1 1 1 4 5 5
CONT O 1 SOURCE L 6 0 5	0 0 0 2 6 0 0 0 5 1 5 8 3 8 DOCKET NUMBER	0 6 1 4 8 3 ①
EVENT DESCRIPTION AND PROB	76 7	NEPONT DATE 80
	24-744 failed closed leading to a recirc	
0 4 trip on high tempe	rature. TS 3.6.F.1 permits reactor oper	ation for up to 24
0 5 hours on a single	recirculation pump. Recirculation pump	2A was returned to
o 6 service within 30	minutes after an adequate cooling water	path was
o 7 reestablished. Th	ere was no adverse effect on the health	and safety of the
public. There are	no redundant systems.	
CODE	DDE SUBCODE COMPONENT CODE SUBCOD	VALVE SUBCODE
C B (1)	E (2) B (3) V A L V E X (4) E	(15) D (16)
LER/RO EVENT YEAR	SEQUENTIAL OCCURRENCE REPORT	T REVISION
(17) REPORT 8 3	0 2 4 0 3 L	
ACTION FUTURE EFFECT TAKEN ACTION ON PLANT	SHUTDOWN METHOD HOURS (22) ATTACHMENT NPRO-4 P	RIME COMP. COMPONENT (26)
X 18 Z 19 Z 20	Z 2 0 0 0 0 Y 2 N 24	L 25 C 6 6 5
CAUSE DESCRIPTION AND CORRE	24-744 failed and went closed preventing	adequate cooling
flow to the fluid	drive 2A oil coolers. The Crane model XI	-3600 valve was
1 2 repaired and the re	ecirculation pump returned to service aft	ter successfully
performing SI 4.6.	A.6 & 7 and 4.6.E-1. This event is consi	idered to be a
	and no further recurrence control is requ	uired.
1 5 E 28 0 8 5 (29) N		DESCRIPTION (32)
ACTIVITY CONTENT	DF ACTIVITY (35) LOCATION OF	80
1 6 Z 33 Z 34 NA	NA NA	NECEASE (50)
PERSONNEL EXPOSURES NUMBER TYPE DESCRIP 1 7 0 0 0 37 Z 38 NA 7 8 9 11 12 13	TION (39)	
PERSONNEL INJURIES NUMBER DESCRIPTION 41 1 8 0 0 0 0 0 NA		***
1 9 Z 42 NA	8306270090 830614 PDR ADOCK 05000260 S PDR	
PUBLICITY ISSUED DESCRIPTION 45		NAC USE ONLY
7 4 10	David Lochbaum	05)729-0845

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

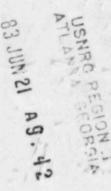
*Revision:

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

June 14, 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 BFR0-50-260-83024

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 J.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

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