NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Value
01	LICENSEE CODE (2)	A L B R F 3
01	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
01	LICENSE TYPE (4)	4 1 1 1 1
01	CAT (5)	
CON'T 01	REPORT SOURCE (6)	L
01	DOCKET NUMBER (7)	0 5 0 0 0 2 9 6
01	EVENT DATE (8)	0 6 2 4 8 1
01	REPORT DATE (9)	0 7 2 1 8 1

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During normal operation at steady state, the 3-A reactor recirculation pump tripped

03 due to 2A-K45A relay action. (See T.S. 3.6.F.1) There was no danger to the health

04 or safety of the public. There were no redundant systems. 3-B pump was operable.

05 Previous similar events: BFRO-50-260/81009, 80018, 81023; 296/81028.

Line 09	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP SUBCODE (15)	VALVE SUBCODE (16)
	C B	X	Z	M C T O R X	Z	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 1	—	0 3 1	/	0 3	L	—	0

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
X	X	Z	Z	0 0 0 0	Y	N	L	G 0 8 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 2A-K45A relay action initiated by RTD high temperature trip. Unit load was reduced

11 and the G.E. variable speed M/G set and pump were restarted. The high temperature

12 trip setpoint was raised to 120 degrees centigrade. Alarm annunciates at 110 degrees

13 centigrade. A special test will be implemented to investigate this problem.

Line	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
15	E	0 9 8	NA	A	Operator observed

Line	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
16	Z	Z	NA	NA

PERSONNEL EXPOSURES

Line	NUMBER (37)	TYPE (38)	DESCRIPTION (39)
17	0 0 0	Z	NA

PERSONNEL INJURIES

Line	NUMBER (40)	DESCRIPTION (41)
18	0 0 0	NA

LOSS OF OR DAMAGE TO FACILITY (43)

Line	TYPE (42)	DESCRIPTION
19	Z	NA

PUBLICITY

Line	ISSUED (44)	DESCRIPTION (45)	NRC USE ONLY
20	N	NA	

8107280290 810721
PDR ADOCK 05000296
S PDR

NAME OF PREPARER: Gene Holder PHONE: (205) 729-6134

GPO 917-926

Tennessee Valley Authority
Browns Ferry Nuclear Plant

Form BF 17
BF 15.2
6/04/81

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 81031 Technical Specification Involved 3.6.E.1

Reported Under Technical Specification 6.7.2.b(2) *Date due NRC: 7/24/81

Date of Occurrence: 6/24/81 Time of Occurrence: 2008 Unit 3

Identification and Description of Occurrence:
3-A reactor recirculation pump tripped due to 2A-K45A relay action.

Conditions Prior to Occurrence:

Unit 1 in refueling outage

Unit 2 at 100%

Unit 3 at 98%

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

Restored 3-A recirculation pump to service within 1½ hours.

Apparent Cause of Occurrence:

The reactor recirculation motor generator set tripped due to 2A-K45A relay action initiated by RTD high temperature trip.

Analysis of Occurrence:

There was no danger to the health or safety of the public, no release of activity, no damage to the plant or equipment, and no resulting significant chain of events.

Corrective Action: A special test is being written and will be implemented to investigate this problem. Recurrence control will depend on results from these investigations. By 6/27/81, the trip setting for the drive motor high temperature and gen hi temp relays for each M/G set on all three units were raised to trip at 120°C. Alarm annunciates at 110°C.

Failure Data: BFRO-50-260/81009, 80018, 81023; 296/81028.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

Revision: