

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

A	L	B	R	F	3	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
LICENSE NUMBER					LICENSE TYPE										CAT 58											

IN POWER SOURCE

L	G	0	5	0	0	0	2	9	6	7	0	6	1	3	8	1	8	0	7	1	0	8	1	9
60	61	DOCKET NUMBER						68	69	EVENT DATE						74	75	REPORT DATE						80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

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

at 0405 (see T.S.3.6.F.1) due to its M/G set tripping. There was no danger to the

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

operable. Previous similar events: BFRO-50-260/81007, 81009, 81018, 80023;

296/80035.

SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE					COMP SUBCODE	VALVE SUBCODE							
C	B	(11)	X	(12)	Z	(13)	M	O	T	O	R	X	(14)	Z	(15)	Z	(16)
10			11				12					13		14	15	20	

(1)	DATE REPORT FORMER	TWENTY YEAR [ 8   1 ] 21 22	[ — ] 23	REPORT NO. [ 0   2   8 ] 24 25 26	[ / ] 27	CODE [ 0   3 ] 28 29	TYPE [ L ] 30	[ — ] 31	NO [ 0 ] 32
ACTION TAKER	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS	(22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP SUPPLIER	COMPONENT MANUFACTURER
[ X ] (33)	[ X ] (19)	[ B ] (20)	[ Z ] (21)	[ 0   0   0   0 ] 33 34 35 36		[ Y ] (23)	[ N ] (24)	[ N ] (25)	[ G   0   8   0 ] 37 38 39 40

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The reactor recirculation M/G set tripped due to 2A-K45A relay action initiated by

RTD high temperature trip. Unit load was reduced. The G. E. variable speed M/G

set and pump were restarted at 0535. The setpoint for the high temperature relays

has been raised to trip at 0535. The setpoint for the high temperature relays

110 degrees centigrade.

FACILITY STATUS		POWER		OTHER STATUS (30)		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)	
F	(212)	0	0	8	(30)	NA	A	(31)	Operator observed.

ACTIVITY: <u>CONCENT</u>	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
RELEASED: OF RELEASE	NA	NA
Z (37) Z (14)		

PERSONNEL EXPOSURES			DESCRIPTION	(39)	
NUMBER	TYPE				
1	01	01	01	7	(28)

PERSONNEL INJURIES					
NUMBER		DESCRIPTION			
1	0	0	0	0	0

LOG OF DR DAMAGE TO FACILITY		(43)
TYPE	DESCRIPTION	
1	21	

NUMBER	DESCRIPTION	45
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
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NRC USE ONLY

8108030208 810710  
PDR ADCK 05000296  
S PDR

PHONE: \_\_\_\_\_

LER SUPPLEMENTAL INFORMATION

BPRO-50- 296 / 81028 Technical Specification Involved 3.6.F.1  
Reported Under Technical Specification 6.7.2.b.2 \*Date due NRC: 7/13/81  
Date of Occurrence 6/13/81 Time of Occurrence 0405 Unit 3

Identification and Description of Occurrence:

3-A reactor recirculation pump tripped due to M/G set tripping

Conditions Prior to Occurrence:

Unit 1 - refueling outage .

Unit 2 - modification outage .

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 1 ½ hours.

Apparent Cause of Occurrence:

The reactor recirculation M/G 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 temp and gen hi temp relays for each M/G set on all three units  
was raised to trip at 120° centigrade. Alarm annunciates at 110° centigrade.

Failure Data:

BPRO-50-260/81007, 31009, 81018, 80023, 296/80035

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: ALL