

LICENSEE EVENT REPORT

CONTROL BLOCKS:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	A	L	B	R	F	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5	
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										26	LICENSE TYPE					30	57	CAT	58	59

CONT

REPORT SOURCE 0 1 7 8

DOCKET NUMBER 1 6 0 5 0 0 0 2 5 9 7 0 4 0 2 8 2 8 0 4 3 0 8 2 9

EVENT DATE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal full power operation of unit 1, low bias instrumentation for "B" APRM
0 3 | trip system caused an automatic rod block and "B" APRM trip system to be nonconser-
0 4 | vative with respect to flow-biased scram and rod block setpoints (T.S.3.1.& 3.2.C).
0 5 | There was no danger to the health or safety of the public because the 120-percent
0 6 | APRM flux scram trip of T.S.2.1.A.1 was available and operable; the "A" APRM trip
0 7 | system was operable; and "B" placed in tripped position while repairs were made.

0 8		9		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
0	8			I	A	E		E		I	N	S	T	R	U	T	Z				
7	6	9		9	10	11		12		13					15		16				
0 9				EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
0	9			8	2			0	2	4	/	0	3								
7	8			21	22	23		24	25	26	27	28	29	30	31						
LEIRRO REPORT NUMBER				ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER			
17				A	Z	Z		Z		0	0	0	0	Y	Y	N		R	3	6	9
		32	33	34	35	36		37	38	39	40	41	42	43	44	45		46	47	48	49

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Flow transmitter, 1-FT-68-5B, was found inoperable. Rosemount transmitter model

1 1 1151 DP6E22PB, amplifier card, model 1151-137, failed with a constant output of

1 2 15 ma. The amplifier card was replaced and the transmitter was calibrated and returned

1 3 to service. This a random failure and no further recurrence control is required.

1 4 7 8 9 80

FACILITY STATUS (23) 1 5 E 3 8 9
 % POWER (29) 1 0 0 10 11 12 13
 OTHER STATUS (30) NA 44
 METHOD OF DISCOVERY (31) A 45 46
 DISCOVERY DESCRIPTION (32) Operator Observation 80

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34

2 7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

45

LOCATION OF RELEASE (36)

NA

46

PERSONNEL EXPOSURES

NUMBER		TYPE	DESCRIPTION
1	7	0 0 0	Z (28) NA

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	3	4	5	6
		0	0	0	NA

1		2		3		4		5		6		7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY																							
TYPE		DESCRIPTION																					
1		2		NA 8206010519																			

4 9 10
PUBLICITY
ISSUED DESCRIPTION (45) NA
2 0 N 44
NRC USE ONLY

NAME OF PREPARER B. J. Irby

PHONE: (205) 729-8100

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 8224 Technical Specification Involved Table 3.1.A

Reported Under Technical Specification 6.7.2.b.2 * Date Due NRC 5/1/82

Event Narrative:

Units 1 and 2 were in normal operation; unit 3 was in a refueling outage; and only unit 1 was affected by the event. Flow-bias instrumentation for "B" APRM trip system caused an automatic rod block and the "B" APRM trip system to be nonconservative with respect to flow-biased scram and rod block setpoints (Technical Specification 3.1 and 3.2.C). There was no danger to the health or safety of the public because the 120-percent APRM flux scram trip of Technical Specification section 2.1.A.1 was available and operable.

In accordance with Technical Specification 4.1.C, the "A" APRM trip system was functionally tested and the "B" APRM trip system was placed in the tripped condition for 77 minutes until repairs were made.

Flow transmitter 1-FT-68-5B was found inoperable. Transmitter 1-FT-68-5B is a Rosemount, model 1151 DP6E22PB. An amplifier card, model 1151-137, failed resulting in a constant output of 15 ma. The amplifier card was replaced and the transmitter was calibrated per SI 4.2.C-7 (Power Range Neutron Monitoring System-Flow Bias Instrumentation) and returned to service. This is a random failure and no further recurrence control is required.

* Previous Similar Events:

NONE

Retention: Period - Lifetime; Responsibility - Document Control Supervisor
*Revision: JRR