

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: 

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 (1)

0	1	N	C	B	E	P	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5		
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT 58	

REPORT  
SOURCE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During plant operation, APRM "F" became inoperable due to an upscale signal from  
0 3 | input LPRM 28-37A. At the time, APRM "B" was inoperable due to an erratic output  
0 4 | from input LPRM 36-45B. In accordance with technical specifications an RPS trip  
0 5 | channel "B" scram signal was manually inserted. The failure of these respective  
0 6 | LPRMs caused the APRMs to have too few inputs. This event did not affect the health  
0 7 | and safety of the public.

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Technical Specifications 3.1.4.3, 3.3.1, 6.9.1.9b

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SYSTEM CODE 9 10		CAUSE CODE 11 12		CAUSE SUBCODE 13 14		COMP. SUBCODE 15 16		VALVE SUBCODE 17 18	
I B		X		I N S L R U		E		Z	
7 8									
EVENT YEAR 21 22		SEQUENTIAL REPORT NO. 23 24		OCCURRENCE CODE 25 26		REPORT TYPE 27 28		REVISION NO. 29 30	
8 2		0 7 7		0 3		L		0	
17 LER/RO REPORT NUMBER									
ACTION TAKEN 33 34		FUTURE ACTION 35 36		EFFECT ON PLANT 37 38		SHUTDOWN METHOD 39 40		HOURS 41 42	
Z C		Z		Z		0 0 0 0		Y	
18 19		20		21		22		23	
ATTACHMENT SUBMITTED 43 44		NPRD-4 FORM SUB. 45 46		PRIME COMP. SUPPLIER 47 48		COMPONENT MANUFACTURER 49 50			
Y		Y		N		G 0 8 0			
24 25		26 27		28 29		30 31		32 33	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 34 35									
27									

1 0 | The erratic output of LPRM 36-45B, Model No. NA-200, showed characteristics of a

1 1 | detector seal failure. On 7-1-82 LPRM 36-45B was tested and declared operable allow-

1 2 | ing APRM "B" to be returned to service. LPRM 28-37A, Model No. NA-200, was inoperable

1 3 | due to a suspected moisture condition in the detector cable connector. On 7-14-82

1 4 | LPRM 28-37A tested satisfactorily and APRM "F" was returned to service.

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS (28) % POWER (29) OTHER STATUS (30) METHOD OF DISCOVERY (31) DISCOVERY DESCRIPTION (32)

1 5 E 0 8 4 NA A Operational Event

ACTIVITY CONTENT RELEASED OF RELEASE (33) AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z Z NA NA

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	40
		NA			

		LOSS OF OR DAMAGE TO FACILITY		(43)
		TYPE	DESCRIPTION	
7	8	9	10	
1	9	Z	(42)	NA

PUBLICATION  
ISSUED DESCRIPTION (45)  
PDR ADCK 05000325  
S PDR

A \_\_\_\_\_ 68 69 \_\_\_\_\_ 80

NRC USE ONLY

PHONE: 919-457-9521

LER ATTACHMENT - RO #1-82-77

Facility: BSEP Unit No. 1

Event Date: July 1, 1982

During the upcoming 1982 Unit No. 1 refueling outage, LPRMs 36-45B and 28-37A will be replaced.