

CONTROL BLOCK:

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0	1	N	C	B	E	P	2	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										25	26	LICENSE TYPE					30	57	CAT 58		

0 1 7 8 REPORT SOURCE L 6 0 5 0 - 0 3 2 4 7 0 3 0 4 8 2 8 0 3 3 0 8 2 9 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

0 2 | During plant operation, routine surveillance revealed that Primary Containment

0 3 | Atmospheric Oxygen Analyzer, 2-CAC-AT-1259-2, was exhibiting an erratic indication of

0 4 | drywell oxygen concentration. At the time, redundant analyzer, 2-CAC-AT-1263, was

0 5 | exhibiting a normal expected indication of drywell oxygen concentration. This event

0 6 | did not affect the health and safety of the public.

0 8 | Technical Specifications 3.3.5.3, 3.6.6.4, 6.9.1.9b 8

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
7	8	S	E	11	E	12	E	13	I	N	S	T	R	U	14	E	15	Z	16
		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
17		8	2	039		03		L		0									
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER					
C	18	X	19	Z	20	Z	21	0	0	0	0	Y	23	Y	24	N	25		
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50		

1 0 The erratic 1259-2 indications occurred due to moisture accumulation in the analyzer
1 1 electromagnetic unit caused by a failure of the compressor unit of the analyzer
1 2 sample inlet air dryer. The analyzer electromagnetic unit and air dryer unit were
1 3 replaced and the analyzer, Model No. F3M3, was calibrated and returned to service
1 4 showing normal, expected indications.

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

1 5 E (28) 0 8 1 (29) NA A (31) Operator Surveillance

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 33 34

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

NA

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	40 NA

1		2		3		4		5		6		7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY																							
TYPE		DESCRIPTION																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
		Z	42	NA																			

8204160479 820330
PDR ADCK 05000324
S PDR

NA

J. PASTVA, JR.

PHONE: 919-457-9521

LER ATTACHMENT RO #2-82-39

Facility: BSEP Unit No. 2

Event Date: March 4, 1982

As presently designed, the analyzer sample piping configuration permits excess moisture to build up in the piping. This excess moisture then accumulates in the monitor components, and if not removed causes decreased sample flows and resultant problems with components of the analyzer.

Due to a history of similar events involving moisture and instrument drift problems, a plant modification has been developed to replace these type monitors with others of a more reliable design. In addition, the sample piping to these monitors will also be modified during a future refueling outage to eliminate the sample flow moisture problem. This modification is scheduled to be installed during the next refueling outage.