

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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	9	LICENSEE CODE					14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT 58	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During plant operation, routine surveillance revealed that primary containment
0 3 atmospheric oxygen analyzer, 2-CAC-AT-1259-2, was exhibiting an upscale indication
0 4 of drywell oxygen concentration. The redundant analyzer, 2-CAC-AT-1263-2, was
0 5 exhibiting an expected indication of drywell oxygen concentration. This event did
0 6 not affect the health and safety of the public.

Technical Specifications 3.3.5.3, 3.6.6.4, 6.9.1.9b

09		SYSTEM CODE S E 11		CAUSE CODE B 12		CAUSE SUBCODE B 13		COMPONENT CODE I N S T R U 14				COMP. SUBCODE E 15		VALVE SUBCODE Z 16			
7 8		9 10		11 12		13 14		15 16 17 18				19 20					
17 LER/RO REPORT NUMBER		EVENT YEAR 8 2 21 22		SEQUENTIAL REPORT NO. 0 3 2 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32							
ACTION TAKEN B 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 40		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. Y 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER B 1 3 5 26 47	
33 34		35 36		37 38		39 40		41 42		43 44		45 46		47 48			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Reactor building inleakage at the 1259-2 magnetic unit to sample inlet gas block
1 1 union caused the upscale indications. The leak occurred because the union was not
1 2 properly tightened during assembly by the manufacturer. The union was properly
1 3 tightened and the 1259-2, Model No. F3MC, was returned to service. In the future this
1 4 union will be checked prior to installing new electromagnetic devices.

FACILITY STATUS			% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		
1	5	E	0	7	8			NA	A		Operator Surveillance		
7	8	9	10	11	12	13		44	45	46	88		

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 7 8 9 10 11 44

2 3 4 5

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

NA

45 80

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

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	NA

TYPE		DESCRIPTION		LOSS OF OR DAMAGE TO FACILITY	
1	9	Z	42	NA	

PUBLICITY
ISSUED DESCRIPTION (45) 8204280289 NA

NAME OF PREPARER M. J. Pastva, Jr.

PHONE 919-457-9521

LER ATTACHMENT - #2-82-32

Facility: BSEP Unit No. 2

Event Date: 3/15/82

During plant operation, it was discovered that primary containment atmospheric oxygen analyzer, 2-CAC-AT-1259-2, was showing an upscale indication of oxygen concentration in the drywell. The redundant analyzer, 2-CAC-AT-1263-2, was showing a normally expected indication of drywell oxygen concentration.

The 1259-2 analyzer was erroneously indicating upscale due to Reactor Building ambient atmosphere inleakage to the analyzer inlet sample flow. An investigation determined the inleakage originated at the union where the analyzer electromagnetic device and sample inlet gas block meet. The leak occurred because the union was not properly tightened during manufacturing. During maintenance on the analyzer, performed on March 11, 1982, a new electromagnetic device was installed in the analyzer. These devices, as received from the manufacturer, are fully assembled and ready for installation. Following the identification of the leak, the union was tightened to eliminate the inleakage and the analyzer, Model No. F3MC, was returned to normal service.

As a check of plant documentation does not show any history of similar events involving the subject component union, no further action is required to this event.