

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1	A	L	B	R	F	1	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5			
8	9	LICENSEE CODE					14	15	LICENSE NUMBER										20	21	LICENSE TYPE					30	57	CAT	58	

N.T.

REPORT SOURCE 1 6 0 5 0 0 0 2 5 9 7 0 2 0 5 8 3 8 0 3 0 4 8 3 9  
8 50 61 DOCKET NUMBER 63 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

2 Following reactor scram MSRV 1-1-22 apparently failed to close and drywell  
3 unidentified leakage exceeded 5 gpm (T.S. 3.6.C.1). Unit 1 was placed in  
4 cold shutdown; the vacuum relief valve for MSRV 1-1-22 was replaced.  
5 During reactor heatup on 2/8/83, drywell unidentified leakage exceeded  
6 5 gpm. Unit 1 was placed in cold shutdown. The vacuum relief valve for  
7 MSRV 1-1-22 was found damaged. There was no effect on public health or  
8 safety. The remaining vacuum relief valves were operable.

80

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP SUBCODE		VALVE SUBCODE			
C	C	E	B	V	A	L	V	E	X	X	C						
9	10	11	12	13	14	15	16	17	18	19	20						
(17) LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
8 3		0 0 7		0 3		L		9									
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
C	X	C	A	0	1	2	2	Y	Y	N	G	2	0	2			
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS																	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The 10-inch vacuum relief valve (GPE Controls Model #LF240-435) failed to reseal. With 1-1-22 open, this resulted in leakage to the drywell. The vacuum relief valve was replaced. The vacuum relief valves will be modified during the next refuel outage on each unit. A followup report will be issued by 7/1/83 discussing further details.

8 9 FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (34)  
 5 G (28) 0 0 0 (29) NA B (31) Surveillance Instruction  
 8 9 ACTIVITY CONTENT 10 12 13 44 45 46

RELEASED OF RELEASE AMOUNT OF ACTIVITY (39) LOCATION OF RELEASE (30)

6 Z (33) Z (34) NA NA

d 9 10 11 4.5 12

PERSONNEL EXPOSURES			
NUMBER	TYPE	DESCRIPTION	
00017	Z	NA	39

PERSONNEL INJURIES			10
NUMBER	DESCRIPTION		
000	(40) NA		

9		11		12	
LOSS OF OR DAMAGE TO FACILITY					
TYPE		DESCRIPTION			
1	2	(42)	NA	83031	

10  
PUBLICITY  
ISSUED DESCRIPTION (15)  
8303140604 830304  
PDR ADCK 05000259  
S PDR  
NRP USE ONLY

☒ Press release to media.

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 83007 Technical Specification Involved 3.6.C.1

Reported Under Technical Specification 6.7.2.b(2) \* Date Due NRC 3-7-83

Event Narrative:

On 2/5/83, unit 2 was in a refueling outage, unit 3 was operating at 100 percent power, and unit 1 was being shut down after a scram and subsequent failure to reseal of MSRV 1-1-22, when drywell unidentified leakage exceeded 5 gpm (Technical Specification 3.6.C.1). Reactor was placed in cold shutdown. Repairs were effected on MSRV 1-1-22 (see BFRO 50-259/83006). The vacuum relief valve for MSRV 1-1-22 was found opened and was replaced. Four other vacuum relief valves were found damaged and replaced.

On 2/8/83, during reactor heatup, drywell unidentified leakage again exceeded 5 gpm. Unit 1 was placed in cold shutdown. The vacuum relief valve for MSRV 1-1-22 was found damaged and was replaced. MSRV 1-1-22 was found stuck open (see BFRO 50-259/83006). In addition, the degree indicating arm on the vacuum relief valve was found to be bent and had caused the vacuum relief valve to be stuck open. The degree indicating arms were removed from the vacuum relief valves in unit 1 until these valves are modified during the next outage.

These valves will be modified during the next refueling outage on each unit. Details of the failure mechanism and corrective actions will be addressed in a followup report by July 1, 1983.

On both of the dates a Notification of Unusual Event per the Radiological Emergency Plan was initiated.

\* Previous Similar Events:

None

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

\*Revision: JRP