

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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 7
60 61 DOCKET NUMBER 62 63 EVENT DATE 64 65 REPORT DATE 66

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.

SYSTEM CODE C 9 C 10 (11)		CAUSE CODE E 11 (12)		CAUSE SUBCODE B 12 (13)		COMPONENT CODE V 13 A 14 L 15 V 16 E 17 X 18 (19)				COMP SUBCODE X 19 (20)		VALVE SUBCODE C 20 (21)	
LER/RO REPORT NUMBER (17) 8 21 9 22		EVENT YEAR 8 21 3 22		SEQUENTIAL REPORT NO. 0 23 0 24 7 25		OCCURRENCE CODE 0 26 3 27		REPORT TYPE L 28		REVISION NO. 0 29		ACTION TAKEN C 30 (31) X 32 (33)	
FUTURE ACTION X 34 (35)		EFFECT ON PLANT C 36 (37)		SHUTDOWN METHOD A 38 (39)		HOURS 0 40 1 41 2 42 2 43 (44)		ATTACHMENT SUBMITTED Y 44 (45)		NPRD-4 FORM SUB. Y 46 (47)		PRIME COMP. SUPPLIER N 48 (49)	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)				COMPONENT MANUFACTURER G 50 2 51 0 52 2 53 (54)									

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.

FACILITY STATUS: 5 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
 G 0 0 0 NA
 % POWER
 OTHER STATUS
 METHOD OF DISCOVERY: 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
 B Surveillance Instruction
 DISCOVERY DESCRIPTION

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

PERSONNEL EXPOSURES				44	45	60
NUMBER	TYPE		DESCRIPTION			
0000	17	Z	39 NA			

PERSONNEL INJURIES			
NUMBER	DESCRIPTION		
000	(40) NA		

8 9 11 12		13	
LOSS OF OR DAMAGE TO FACILITY		(13)	
TYPE	DESCRIPTION		
2 (12)	NA	8303140100	

10
 PUBLICITY
 ISSUED DESCRIPTION (45)
 Press release to media
 PDR 140804 830304
 S PDR ADCK 05000259
 PDR
 NRI USE ONLY

NAME OF PREPARER E. T. Holder (205) 729-0885

8303140604 830304
PDR ADCK 05000259
S PDR

NMR USE ONLY

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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