

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

M	D	C	C	N	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
LICENSEE CODE					14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT 58				

REPORT SOURCE 1 6 0 5 0 0 0 3 1 7 7 1 0 2 2 8 1 8 1 1 0 4 8 1 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

02 | During operation at 1530, plant personnel discovered that Comp. Cooling

03 | Isol. Vlv. to Cntmt. CC-3832-CV, would fail open on loss of Instr. Air

04 | (IA), failing the vlv. in the unconservative posit. The vlv. was immed.

05 | declared inoperable (T.S. 3.7.3.1). In accord. with T.S. 3.0.3, shutdown

06 | began at 1625. A modif. to the vlv. was made so the vlv. would fail on

07 | loss of IA. The modif. was comp., vlv. tested and declared operable at

08 | 2000. Similar event: 50-318/81-45.

SYSTEM CODE W B 11		CAUSE CODE B 12		CAUSE SUBCODE A 13		COMPONENT CODE V A L V E X 14		COMP. SUBCODE B 15		VALVE SUBCODE D 16							
EVENT YEAR 8 1 21 22		SEQUENTIAL REPORT NO. 0 7 3 24 26		OCCURRENCE CODE 0 1 28 29		REPORT TYPE T 30		REVISION NO. 0 32									
ACTION TAKEN F 18		FUTURE ACTION X 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD 21		HOURS 0 0 0 22		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER F 1 2 7 26	

1 0 Valve in question has been configured to fail open on a loss of instru-

1 1 ment air since installation before commercial operation; a facility

1 2 change request to modify the valve to fail close on a loss of instru-

1 3 ment air was initiated in 1976, but not performed until 10-22-81. The

1 4 Plant Operating Experience Assessment Committee (POEAC) is presently

8 9

FACILITY STATUS		% POWER		OTHER STATUS (30)		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION (32)			
1	5	E	(28)	1	0	0	(29)	NA	A	(31)	Technician Observation

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

1 6 Z (33) Z (34) NA NA

PERSONNEL EXPOSURES		TYPE		DESCRIPTION	
1	7	0	0	0	NA

7		8		9		11		12		13	
PERSONNEL INJURIES											
NUMBER						DESCRIPTION					
1	8	0	0	0	40	NA					

7		8		9		11		12	
				LOSS OF OR DAMAGE TO FACILITY				(43)	
				TYPE		DESCRIPTION			
1	9	Z	(42)	NA					

7 8 9 10
PUBLICITY
ISSUED DESCRIPTION (45) NA
2 0 N (44)
7 8 9 10 68 69

8111130513 811104
PDR ADOCK 05000317
S PDR

NRC USE ONLY

NAME OF PREPARER

G. S. Pavis

PHONE: 301-269-4742

LER NO. 81-73/1T
DOCKET NO. 50-317
LICENSE NO. DPR-53
EVENT DATE 10-22-81
REPORT DATE 11-04-81
ATTACHMENT

300 2U
1000000
11-04-81

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES CONT'D)

On 10-22-81, during an investigation of various recently installed ASCO solenoid valves to determine if their lower air pressure ratings rendered the valves inoperable, Engineering Department personnel noticed that drawing M-51, "Unit 1 Component Cooling System" showed the component cooling isolation valve to the containment, CV-3832, labeled "FO" for failed open. This would indicate that on a loss of instrument air or electrical power, the valve would fail open, thus compromising the ability of the component cooling system to adequately function following a seismic event. After plant management was notified, instrument and control personnel were sent to determine the failed position of the valve. It was discovered and reported at 1530 that CV-3832 would fail closed on a loss of electrical power but would fail open on a loss of instrument air. No actual loss of air or electrical power occurred. The valve was declared inoperable at that point. Reactor shutdown commenced at 1625 in accordance with Technical Specification 3.0.3. Modification to CV-3832 to render the valve closed on a loss of instrument air was completed, the valve was tested and the valve was declared operable at 2000, terminating this event. Similar event 81-45/50-318.

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D.)

evaluating the circumstances surrounding the delay in implementing the FCR and determining what corrective actions will be required. An updated LER will be submitted by December 1, 1981.