

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 MDC CN 1 000-000000-000 341111 4 5
7 8 9 14 15 25 26 30 37 38

CON'T
01 REPORT SOURCE L 6 05000317 7 102281 8 110481 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During operation at 1530, plant personnel discovered that Comp. Cooling
03 Isol. Vlv. to Contmt. 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.
7 8 9 80

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
WB 11 B 12 A 13 VALVE X 14 B 15 D 16
7 8 9 10 11 12 13 18 19 20
17 LEA/RQ REPORT NUMBER 81 21 22 074 24 26 01 28 29 T 30 31 0 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
FX 18 X 19 Z 20 Z 21 000 22 Y 23 N 24 N 25 F127 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Valve in question has been configured to fail open on a loss of instru-
11 ment air since installation before commercial operation; a facility
12 change request to modify the valve to fail close on a loss of instru-
13 ment air was initiated in 1976, but not performed until 10-22-81. The
14 Plant Operating Experience Assessment Committee (POEAC) is presently
7 8 9 80

15 FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
E 28 100 29 NA A 31 Technician Observation
7 8 9 10 12 13 44 45 46 80

16 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
Z 33 Z 34 NA NA 36
7 8 9 10 11 44 45 80

17 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
000 37 Z 38 NA
7 8 9 10 11 12 13 80

18 PERSONNEL INJURIES NUMBER DESCRIPTION
000 40 NA
7 8 9 10 11 12 80

19 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
Z 42 NA
7 8 9 10 80

20 PUBLICITY ISSUED DESCRIPTION
N 44 NA
7 8 9 10 80

8111170445 811104
PDR ADOCK 05000317
S PDR

NRC USE ONLY

LER NO. 81-74/1T
DOCKET NO. 50-317
LICENSE NO. DPR-53
EVENT DATE 10-22-81
REPORT DATE 11-04-81
ATTACHMENT

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 fail on 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.

81-74/1T 50-317

10-22-81
11-04-81