

NRC FORM 366  
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

## LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK: 1 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 F L C R P 3 2 0 0 - 0 0 0 0 0 0 0 0 3 4 1 1 1 1 4 5

7 8 9 14 15 25 26 30 37 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T

01 L 6 0 5 0 - 0 3 0 2 0 1 1 9 8 1 8 0 7 2 6 8 3 9

7 8 60 61 66 69 74 75 80

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 At 0113, position indication for CAV-2 was found to be inoperable. At 0648,

03 while returning CAV-2 to service following maintenance, position indication

04 for CAV-126 was found to be inoperable. On February 11, 1981, it was dis-

05 covered that the repair of CAV-126 involved the use of a non-Quality part.

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07

08

7 8 9

09 S D 11 X 12 Z 13 I N S T R U 14 I 15 Z 16

9 10 11 12 13 18 19 20

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 8 1 0 0 4 0 3 L 2

21 22 23 24 26 27 28 29 30 31 32

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

18 X 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 Z 25 Z 9 9 9 9 26

33 34 35 36 37 38 40 41 42 43 44 47

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The position indicator for CAV-2 was inoperable due to a stuck indicator

11 switch. The entire valve assembly on CAV-2 (including the faulty switch)

12 was replaced with a Target Rock assembly. The indicator for CAV-126 failed

13 due to a defective breaker in the main power supply. This breaker was re-

14 placed and eventually qualified.

7 8 9

15 E 28 0 9 7 29 N/A B 31 Operator Observation 32

7 8 9 10 12 13 44 45 46 80

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

16 Z 33 Z 34 N/A N/A N/A

7 8 9 10 11 44 45 46 80

ACTIVITY RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

17 0 0 0 37 Z 38 N/A

7 8 9 11 12 13 44 45 46 80

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

18 0 0 0 40 N/A

7 8 9 11 12 13 44 45 46 80

PERSONNEL INJURIES NUMBER DESCRIPTION

19 Z 42 N/A

7 8 9 10 43 44 45 46 80

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

20 N 44 N/A

7 8 9 10 45 46 47 48 49 50 80

PUBLICITY ISSUED DESCRIPTION NRC USE ONLY

NAME OF PREPARER P. G. HughesPHONE: (904) 795-38028308030054 830726  
PDR ADOCK 05000302  
PDR  
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## SUPPLEMENTARY INFORMATION

REPORT NO: 50-302/81-004/03L-2  
FACILITY: Crystal River Unit #3  
REPORT DATE: July 26, 1983  
OCCURRENCE DATE: January 19, 1981

### IDENTIFICATION OF OCCURRENCE:

Inoperable position indication for containment isolation valves contrary to Technical Specification 3.6.3.1.

### CONDITIONS PRIOR TO OCCURRENCE:

MODE 1 (97% FULL POWER).

### DESCRIPTION OF OCCURRENCE:

At 0113, after routine sampling of the Reactor Coolant System, it was discovered that containment isolation valve CAV-2 indicated both open and closed. CAV-1, 3, and 126 were closed and deactivated. Maintenance was performed and operability was restored at 0600.

At 0648, while restoring CAV-126 to service, it was discovered that the closed position indication would not actuate. CAV-2 was closed and deactivated; CAV-133 was closed. Maintenance was performed and operability was restored at 1327.

On February 11, 1981 at 1417 it was discovered that the repair of CAV-126 involved use of a non-quality part and the valve was declared inoperable. Quality resolution of the part was initiated and operability was restored at 0840 February 17, 1981.

### DESIGNATION OF APPARENT CAUSE:

CAV-2 indication failure was caused by a stuck position indicator switch. CAV-126 indication failure was caused by defective breaker in the main power supply of the valve. The breaker used to repair CAV-126 was non-quality.

### ANALYSIS OF OCCURRENCE:

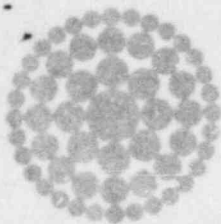
There was no effect upon the health or safety of the general public.

### CORRECTIVE ACTION:

On July 6, 1981 CAV-2 and the position indicator switch were replaced with a Target Rock manufactured valve assembly and functionally tested satisfactorily. The system breaker for CAV-126 was replaced and a functional test for CAV-126 was completed. On February 17, 1981 the breaker used in CAV-126 was satisfactorily qualified. A directive has been issued to prevent use of non-quality parts in safety-related systems.

### FAILURE DATA:

This was the sixth occurrence for CAV-2, the second and third occurrences for CAV-126, and the thirty-second event reported under this Specification.



**Florida  
Power**  
CORPORATION

USNRC R  
ATLANTA,

83 JUL 29 A

July 26, 1983  
3F-0783-20

Mr. James P. O'Reilly  
Regional Administrator, Region II  
Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
101 Marietta Street N.W., Suite 2900  
Atlanta, GA 30303

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
Licensee Event Report No. 81-004

Dear Mr. O'Reilly:

Enclosed is Licensee Event Report No. 81-004 and the attached supplementary information sheet, which are submitted in accordance with Technical Specification 6.9.1.9.b. This report supplies supplementary information to an earlier report dated March 11, 1981.

Should there be any questions, please contact this office.

Sincerely,

G. R. Westafer  
Manager  
Nuclear Licensing and Fuel Management

AEF:mm

Enclosure

cc: Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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