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)

0 1 | LICENSEE CODE: F L C R P 3 ② | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 ③ | LICENSE TYPE: 4 1 1 1 1 ④ | CAT ⑤

CON'T 0 1 | REPORT SOURCE: L ⑥ | DOCKET NUMBER: 0 5 0 - 0 3 0 2 ⑦ | EVENT DATE: 0 9 2 7 8 3 ⑧ | REPORT DATE: 1 0 2 6 8 3 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 At 0330 on September 27, 1983, while performing surveillance procedure
0 3 SP-370 (Quarterly Cycling of Valves), RCV-11 (Power Operated Relief Valve
0 4 block valve) failed to close (T.S. 3.4.3.2). RCV-10 (Power Operated Relief
0 5 Valve) control switch was placed in the closed position at 0342, and power
0 6 was removed from the associated solenoid valve in accordance with T.S.
0 7 3.4.3.2. This is the first report for RCV-11, and the first report under
0 8 T.S. 3.4.3.2.

0 9 | SYSTEM CODE: C E ⑪ | CAUSE CODE: E ⑫ | CAUSE SUBCODE: A ⑬ | COMPONENT CODE: V A L V O P ⑭ | COMP SUBCODE: A ⑮ | VALVE SUBCODE: Z ⑯

⑰ LER/RO REPORT NUMBER | EVENT YEAR: 8 3 | — | SEQUENTIAL REPORT NO.: 0 4 1 | / | OCCURRENCE CODE: 0 3 | REPORT TYPE: L | — | REVISION NO.: 0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS ㉒	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
A ⑱	Z ⑲	Z ⑳	Z ㉑	0 0 0 0	Y ㉓	N ㉔	N ㉕	L 2 0 0 ㉖

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 The cause of RCV-11 not closing was due to a failed torque switch. The
1 1 torque switch was replaced with an upgraded model. RCV-11 was stroked,
1 2 satisfactorily tested, and returned to service at 0000 on October 8, 1983.
1 3
1 4

1 5 | FACILITY STATUS: E ㉘ | % POWER: 0 7 4 ㉙ | OTHER STATUS ㉚: N/A | METHOD OF DISCOVERY: B ㉛ | DISCOVERY DESCRIPTION ㉜: Surveillance Testing

1 6 | ACTIVITY RELEASED: Z ㉝ | CONTENT OF RELEASE: Z ㉞ | AMOUNT OF ACTIVITY ㉟: N/A | LOCATION OF RELEASE ㊱: N/A

PERSONNEL EXPOSURES

1 7 | NUMBER: 0 0 0 ㊲ | TYPE: Z ㊳ | DESCRIPTION ㊴: N/A

PERSONNEL INJURIES

1 8 | NUMBER: 0 0 0 ㊵ | DESCRIPTION ㊶: N/A

LOSS OF OR DAMAGE TO FACILITY ㊸

1 9 | TYPE: Z ㊷ | DESCRIPTION: N/A

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PUBLICITY

2 0 | ISSUED: N ㊹ | DESCRIPTION ㊺: N/A | NRC USE ONLY

NAME OF PREPARER J.L. Bufe'/S.C. Powell PHONE (904) 795-6486

SUPPLEMENTARY INFORMATION

REPORT NO.: 50-302/83-041/03L-0

FACILITY: Crystal River Unit 3

REPORT DATE: October 26, 1983

OCCURRENCE DATE: September 27, 1983

IDENTIFICATION OF OCCURRENCE:

Technical Specification 3.4.3.2 requires the power operated relief valve (PORV) and its associated block valve be operable. On September 27, 1983, RCV-11(PORV block valve) was inoperable.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1, 74% power, 3 RCP operation

DESCRIPTION OF OCCURRENCE:

At 0330 on September 27, 1983, while performing Surveillance Procedure SP-370 (Quarterly Cycling of Valves), RCV-11 (PORV block valve) failed to close. RCV-10 (PORV) control switch was placed in the closed position at 0342 and power was removed from the associated solenoid valve in accordance with Action Statement 3.4.3.2(b).

ANALYSIS OF OCCURRENCE:

Unavailability of the PORV as a result of PORV Block Valve failure does not decrease the overpressure protection provided for the reactor coolant system to an unacceptable level. Overpressure protection at power is provided by the two pressurizer code safety valves and the reactor high pressure trip which are unaffected by unavailability of the PORV or PORV Block Valve.

At low temperatures, the PORV does perform an overpressure protection function along with steam or nitrogen blanketing of the pressurizer, and administrative controls which lock out equipment whose inadvertent operation could lead to an overpressurization event. These other overpressure protection features are considered adequate to provide the required protection concurrent with the unavailability of the PORV.

DESIGNATION OF APPARENT CAUSE:

The cause of RCV-11 not closing was due to a failed torque switch.

CORRECTIVE ACTION:

The torque switch on RCV-11 was replaced with an upgraded model. RCV-11 was stroked, satisfactorily tested, and returned to service at 0000 on October 8, 1983.

FAILURE DATA:

This is the first report for RCV-11 under T.S. 3.4.3.2.

Florida Power
CORPORATION

October 26, 1983
3F1083-22

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. 83-041

Dear Mr. O'Reilly:

Enclosed is Licensee Event Report No. 83-041 and the attached supplementary information sheet, which are submitted in accordance with Technical Specification 6.9.1.9(b).

Should there be any questions, please contact this office.

Sincerely,

E.C. Simpson

E.C. Simpson
Director
Nuclear Operations Engineering and Licensing

AEF:jcf

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

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