NRC FORM 366 (7-77)

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LICENSEE EVENT REPORT EXHIB!T A CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) FILCIRIPI3 0001-1000001-010000411111100 57 CAT 58 0 1 CON'T 20 019 27 8 3 8 1 02 6 83 9 68 69 EVENT DATE 74 75 REPORT DATE 80 0 1 SOURCE LL 6 0 5 10 - 10 31 01 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) [12] [At 0330 on September 27, 1983, while performing surveillance procedure []] SP-370 (Quarterly Cycling of Valves), RCV-11 (Power Operated Relief Valve []] [block valve) failed to close (T.S. 3.4.3.2). RCV-10 (Power Operated Relief) [015] [Valve) control switch was placed in the closed position at 0342, and power [16] was removed from the associated solenoid value in accordance with T.S. [] 13.4.3.2. This is the first report for RCV-11, and the first report under T.S. 3.4.3.2. 08 CODE C E CAUSE SUBCODE COMP SUBCODE SUBCODE COMPONENT CODE 2 (16) E (12) A (13) V ALIVO PIA A (15) 0 9 SEQUENTIAL REPORT NO. OCCURRENCE REVISION REPORT CODE 17 REPORT NO. 18 3 0 411 0 3 L 32 COMPONENT MANUFACTURER L 2 0 0 26 PORM SUB. HOURS 22 LZ (2) LY 2 [Z 20 NO A 18 Z 19 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The cause of RCV-11 not closing was due to a failed torque switch. The torque switch was replaced with an upgrided model. RCV-11 was stroked, and returned to service at 0000 on October 8, 1983 12 satisfactorily tested. 1 3 1 4 METHOD OF DISCOVERY FACILITY OTHER STATUS (30) DISCOVERY DESCRIPTION (32) & POWER E 28 0 74 3 BIGI Surveillance Testing 1 5 N/A9 10 ACTIVITY CONTENT AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) OF RELEASE RELEASED ZII N/A N/A 1 6 PERSONNEL EXPOSURES DESCRIPTION (39) NUMBER 0 37 Z 38 1 7 N/A PERSONNEL INJURIES NUMBER 0 0 0 DESCRIPTION (41) N/A E22 11 12 LOSS OF OR DAMAGE TO FACILITY (3) Z (2) N/A 1 9 PUBLICITY NRC USE ONLY DESCRIPTION (45) SUED N/A 20 NAME OF PREPARER J.L. Bufe'/S.C. Powell (904) 795-6486 PHONE .

U.S. NUCLEAR REGULATORY COMMISSION

SUPPLEMENTARY INFORMATION

2PORT 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-II(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:

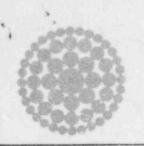
The cause of RCV-11 not closing was due to a failed torque switch.

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.





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,

Jempson

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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