

CONTROL BLOCK: [ ] [ ] [ ] [ ] [ ] [ ]

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: F L C R P 3  
 LICENSE NUMBER: 00-000000-00  
 LICENSE TYPE: 41111  
 EVENT TYPE: 03  
 CATEGORY: 01 CONT  
 REPORT TYPE: L  
 REPORT SOURCE: L  
 DOCKET NUMBER: 050-0302  
 EVENT DATE: 030877  
 REPORT DATE: 031577

EVENT DESCRIPTION

02 While operating at 40 percent power, steady state, Main Steam Relief Valve MSV-35  
 03 opened at 985 psig. This is below Technical Specification value of 1050 psig. There  
 04 were redundant systems operable and available. A similar occurrence of this type  
 05 occurred on 25 February 1977. As soon as plant conditions permitted, the lift set-  
 06 point of 1050 psig was re-established. (77-22)

SYSTEM CODE: CC  
 CAUSE CODE: E  
 COMPONENT CODE: VALVEX  
 PRIME COMPONENT SUPPLIER: A  
 COMPONENT MANUFACTURER: D243  
 VIOLATION: N

CAUSE DESCRIPTION

07 MSV-35 Relief Valve lifted due to reasons that are unknown at this time as the balance  
 08 of the Relief Valves did not open.

FACILITY STATUS: E  
 % POWER: 040  
 OTHER STATUS: N/A  
 METHOD OF DISCOVERY: A  
 DISCOVERY DESCRIPTION: N/A

FORM OF ACTIVITY RELEASED: Z  
 CONTENT OF RELEASE: Z  
 AMOUNT OF ACTIVITY: N/A  
 LOCATION OF RELEASE: N/A

PERSONNEL EXPOSURES

13 NUMBER: 000  
 TYPE: Z  
 DESCRIPTION: N/A

PERSONNEL INJURIES

14 NUMBER: 000  
 DESCRIPTION: N/A

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

16 TYPE: Z  
 DESCRIPTION: N/A

PUBLICITY

17 N/A

ADDITIONAL FACTORS

See the attached Supplementary Information.

8002270762

Supplementary Information

1. Report No: 50-302/77-22

2. Facility: Crystal River Unit 3

3. Report Date: 8 March 1977

4. Occurrence Date: 15 March 1977

5. Identification of Occurrence:

Main Steam Relief Valve MSV-35 lifted at a pressure of 985 psig. The required setpoint is 1050 psig  $\pm$  1%.

6. Conditions Prior to Occurrence:

On 8 March 1977, Crystal River Unit 3 was in Mode 1 condition at 40% power.

7. Description of Occurrence:

During Mode 1, steady state, the Main Steam Relief Valve MSV-35 opened below the required setpoint. No other MSV's opened at this time. There was no safety significance as the overpower trip setpoint was set at 50%. The balance of the MSV's were operable and redundancy was maintained. When plant conditions permitted, the setpoint was checked and reset.

8. Designation of Apparent Cause of Occurrence:

The cause of this occurrence was determined to be a normal setpoint drift.

9. Analysis of Occurrence:

This was the second occurrence of this type of event, but the first involving MSV-35. The setpoint was calibrated as soon as conditions permitted.

10. Corrective Action:

Main Steam Relief Valve MSV-35 was calibrated to the correct lift setpoint of 1050 psig  $\pm$  1%.

11. Failure Data:

There has been one other occurrence of this event involving MSV-36 on 25 February 1977.