

LICENSEE EVENT REPORT

CONTROL BLOCK 1 6

(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: CONT
 REPORT TYPE: -
 REPORT SOURCE: -
 DOCKET NUMBER: 050-0302
 EVENT DATE: 060177
 REPORT DATE: 062277

EVENT DESCRIPTION

02 In Mode 1 operation the CRD system failed to position the regulating rods as per auto
 03 demand contrary to Technical Specification 3.1.3.1. Redundancy was maintained by manual
 04 control. This event was not repetitive. Repairs to the auto rod control system were
 05 effected and the system restored operable.

(LER-77-54)

SYSTEM CODE: R B
 CAUSE CODE: E
 COMPONENT CODE: C R D R V E
 PRIME COMPONENT SUPPLIER: N
 COMPONENT MANUFACTURER: D 1 5 0
 VIOLATION: N

CAUSE DESCRIPTION

06 This event was caused by a loose connector on a CRD programmer printed circuit card.
 07 The connector was repaired and restored operable.

FACILITY STATUS: E
 % POWER: 092
 OTHER STATUS: NA
 METHOD OF DISCOVERY: A
 DISCOVERY DESCRIPTION: NA

FORM OF ACTIVITY RELEASED: Z
 CONTENT OF RELEASE: Z
 AMOUNT OF ACTIVITY: NA
 LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES

13 NUMBER: 000 TYPE: Z DESCRIPTION: NA

PERSONNEL INJURIES

14 NUMBER: 000 DESCRIPTION: NA

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

16 TYPE: Z DESCRIPTION: NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 See Attached Supplementary Information

19

NAME

W. P. Stewart

PHONE (813) 866-4159

8002 270

617 599

S

SUPPLEMENTARY INFORMATION

1. Report No.: 50-302/77-54
2. Facility: Crystal River Unit #3
3. Report Date: 22 June 1977
4. Occurrence Date: 1 June 1977
5. Identification of Occurrence:

Failure of Control Rod Drive System to position regulating rods as per auto demand contrary to Technical Specification 3.1.3.1.

6. Conditions Prior to Occurrence:

Mode 1 operation increasing load.

7. Description of Occurrence:

At 0535 while increasing load to 92% the automatic rod control failed to respond to a transient neutron error causing reactor power to exceed the power cutoff level. The rod control system was placed in manual control and power was reduced from approximately 95% to 92%. When again placed in automatic control CRD system intermittently failed to respond per demand. The rod control system was placed in auxiliary power and manual mode of operation. Investigation revealed that there was a loose connector on a printed circuit card of the CRD programmer. Repairs were effected and the system restored operable.

8. Designation of Apparent Cause:

These occurrences were caused by a loose printed circuit card connector in the CRD programmer.

9. Analysis of Occurrence:

There were no safety implications as the CRD system was manually controlled.

10. Corrective Action:

The loose connector on the P.C. card was repaired and the remaining P.C. card connectors were checked and verified satisfactory.

11. Failure Data:

These events constitute the first occurrence of this type.