

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 FILICRIP 32 000100000000000000 34 11111 4 5

LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T

01 L 6 015101013102 7 110216813 8 11208813 9

REPORT SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 At 1715 on October 26, 1983, Makeup Pump 1C (MUP-1C) was taken out of ser-

03 vice to repair a weld leak on MUV-283 (Recirc. vent valve). MUP-1A was

04 shutdown for maintenance on 10/7/83, therefore, only one makeup pump was

05 available, contrary to the requirements of T.S.3.1.2.4.1. ECCS Train "B"

06 was declared inoperable (T.S.3.5.2.) as High Pressure Injection, MUP-1C,

07 was out of service. ES Train "A" was available had HPI been needed. This

08 is the 3rd report under T.S.3.1.2.4.1 and the 24th report under T.S.3.5.2.

09 11 12 E 13 C 14 V A L V E X 15 E 16 L

SYSTEM CODE 9 10 CAUSE CODE 11 CAUSE SUBCODE 12 COMPONENT CODE 13 COMP SUBCODE 14 VALVE SUBCODE 15

17 813 18 048 19 1013 20 L 21 1

LER/RO REPORT NUMBER 21 22 EVENT YEAR 23 24 SEQUENTIAL REPORT NO. 25 26 OCCURRENCE CODE 27 REPORT TYPE 28 REVISION NO. 29

ACTION TAKEN 33 C 34 X 35 B 36 Z 37 0000 38 Y 39 N 40 A 41 V 42 0 43 8 44 5

FUTURE ACTION 34 EFFECT ON PLANT 35 SHUTDOWN METHOD 36 HOURS 37 ATTACHMENT SUBMITTED 38 NPD-4 FORM SUB 39 PRIME COMP. SUPPLIER 40 COMPONENT MANUFACTURER 41

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 MUV-283 (recirculation vent valve) had cracked weld. The valve was re-

11 placed and satisfactorily tested. MUP-1C was returned to service at 2046

12 on October 27, 1983, after completing surveillance procedure SP-340, ECCS

13 Pump Operability. An engineering evaluation is in progress to determine

14 if a modification to the makeup system is needed.

15 E 16 01918 17 NA 18 IB 19 Operator Observation

FACILITY STATUS 28 29 30 31 32

% POWER 29 OTHER STATUS 30 METHOD OF DISCOVERY 31 DISCOVERY DESCRIPTION 32

16 Z 17 Z 18 NA 19 NA 20 NA

ACTIVITY CONTENT 33 34 35 36 37 38 39

RELEASED OF RELEASE 33 AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36

17 000 18 Z 19 NA

PERSONNEL EXPOSURES 37 38 39

NUMBER 37 TYPE 38 DESCRIPTION 39

18 000 19 0 20 NA

PERSONNEL INJURIES 40 41

NUMBER 40 DESCRIPTION 41

19 Z 20 NA

LOSS OF OR DAMAGE TO FACILITY 42 43

TYPE 42 DESCRIPTION 43

20 N 21 NA

PUBLICITY ISSUED 44 45

DESCRIPTION 45

NAME OF PREPARER J. BUFE PHONE (904) 795-3802

8312160180 831208
PDR ADOCK 05000302
S PDR

SUPPLEMENTARY INFORMATION

REPORT NO.: 50-302/83-048/03L-1

FACILITY: Crystal River #3

REPORT DATE: December 8, 1983

OCCURRENCE DATE: October 26, 1983

IDENTIFICATION OF OCCURRENCE:

Two inoperable makeup pumps (MUP-1A and MUP-1C) reportable under T.S. 3.1.2.4.1, resulting in an inoperable ECCS sub-system (HPI ES Train B), reportable under T.S. 3.5.2.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 (98% Power).

DESCRIPTION OF OCCURRENCE:

On October 26, 1983, at 1715, Makeup Pump-1C (HPI) was taken out-of-service, due to a weld leak on MUV-283 (recirculating vent valve). MUP-1A had been out-of-service since October 7, 1983, for maintenance, thus, only one (1) operable make-up pump was available (MUP-1B). MUP-1B was started, and maintenance was initiated on MUV-283.

A plant shutdown was initiated at 0910 on October 27, 1983, in accordance with standing recommendations from the Nuclear General Review Committee. The plant was maintained at approximately 68% FP to avoid anticipated feedwater transients in the 50-60% FP range.

DESIGNATION OF APPARENT CAUSE:

A cracked weld on MUV-283, caused by fatigue, required MUP-1C to be declared inoperable.

ANALYSIS OF OCCURRENCE:

ES Train "A" was available had HPI been needed.

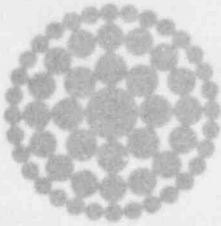
CORRECTIVE ACTION:

MUV-283 was removed and replaced with a new valve. Post maintenance testing was completed satisfactorily on October 27, 1983. MUP-1C was returned to service, and the unit was returned to normal power operation at 2046 on October 27, 1983.

An engineering evaluation is in progress to determine what, if any, modification to the makeup system may be needed to address these failures.

FAILURE HISTORY:

This is the third report under T.S. 3.1.2.4.1 and the twenty-fourth report under T.S. 3.5.2.



**Florida
Power**
CORPORATION

December 8, 1983
3F1283-14

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, Georgia 30303

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Licensee Event Report No. 83-048

Dear Mr. O'Reilly:

Enclosed is Licensee Event Report No. 83-048, Revision I, and the attached supplementary information sheet, which are submitted as a revision to the previous report dated November 25, 1983.

Should there be any questions, please contact this office.

Sincerely,

G.R. Westafer
Manager
Nuclear Operations Licensing and Fuel Management

DVH:jcf

Enclosure

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

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