

**LICENSEE EVENT REPORT**

EXHIBIT A

CONTROL BLOCK: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

CON'T  
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 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

REPORT SOURCE L601501-0130271026813811258139  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  
 02 At 1715 on October 26, 1983, Makeup Pump 1C (MUP-1C) was taken out of service to repair a weld leak on MUV-283 (Recirc. vent valve). MUP-1A was  
 03 vice to repair a weld leak on MUV-283 (Recirc. vent valve). MUP-1A was  
 04 shutdown for maintenance on 11/7/83, 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.  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

SYSTEM CODE SIF11 CAUSE CODE E12 CAUSE SUBCODE C13 COMPONENT CODE VALVEX14 COMP. SUBCODE E15 VALVE SUBCODE L16  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

LER/RO REPORT NUMBER 17 EVENT YEAR 83 SEQUENTIAL REPORT NO. 048 OCCURRENCE CODE 013 REPORT TYPE L REVISION NO. 0  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

ACTION TAKEN C18 FUTURE ACTION X19 EFFECT ON PLANT B20 SHUTDOWN METHOD Z21 HOURS 0000 ATTACHMENT SUBMITTED Y23 NPRD-4 FORM SUB N24 PRIME COMP SUPPLIER A25 COMPONENT MANUFACTURER V0815  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

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.  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

FACILITY STATUS E28 % POWER 09829 OTHER STATUS NA METHOD OF DISCOVERY B31 DISCOVERY DESCRIPTION Operator Observation  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

ACTIVITY CONTENT RELEASED OF RELEASE Z33 Z34 NA AMOUNT OF ACTIVITY NA LOCATION OF RELEASE NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PERSONNEL EXPOSURES NUMBER 000 TYPE Z38 DESCRIPTION NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PERSONNEL INJURIES NUMBER 000 DESCRIPTION NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

LOSS OF OF DAMAGE TO FACILITY TYPE Z42 DESCRIPTION NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PUBLICITY ISSUED DESCRIPTION NA  
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 4

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PDR ADCK 05000302  
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## SUPPLEMENTARY INFORMATION

REPORT NO.: 50-302/83-048/03L-0

FACILITY: Crystal River #3

REPORT DATE: November 25, 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.

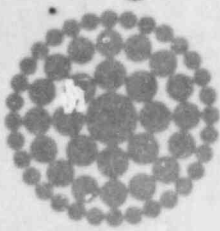
### CORRECTIVE ACTION:

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

November 25, 1983  
3F1183-24

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 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,

*Patsy Y. Baynard*  
P.Y. Baynard  
Assistant to Vice President  
Nuclear Operations

AEF:mm

Enclosure

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

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