UPDATE REPORT - PREVIOUS REPORT DATED FEBRUARY 12, 1982

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 | F L C R P 3 | (2) | 0 0 - 0 0 0 0 0 - 0 0 | (3) | 4 1 1 1 1 | (4) | | | (5)
LICENSEE CODE (9–14); LICENSE NUMBER (15–25); LICENSE TYPE (26–30); CAT (57–58)

CON'T 01 REPORT SOURCE | L | (6) | 0 5 0 - 0 3 0 2 | (7) | 0 1 2 8 8 2 | (8) | 0 7 2 6 8 3 | (9)
(60); DOCKET NUMBER (61–68); EVENT DATE (69–74); REPORT DATE (75–80)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 At 1430, during normal operation, RCS leakage calculations showed unidenti-
03 fied leakage at greater than 1.0 gpm. The plant was manually shut down to
04 Mode 3. At 1830 on January 29, 1982, while performing a visual inspection
05 to identify leakage source, an RCS pressure boundary leak was discovered in
06 the valve body of MUV-43. These events were contrary to T.S. 3.4.6.2. The
07 plant was cooled down to Mode 5. This is the first occurrence concerning
08 MUV-43 and the second report under this Specification.

09	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
	S F (11)	B (12)	A (13)	V A L V E X (14)	C (15)	A (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 2	—	0 0 3	/	0 1	T	—	1

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
C (18)	F (19)	A (20)	A (21)	0 5 0 0	Y (23)	N (24)	N (25)	V 0 8 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of this event is attributed to thermally induced cyclic fatigue.
11 MUV-43 was removed for failure analysis. A new valve will be installed in
12 an improved location. All four ejection lines were visually inspected and
13 NDE'd. A detailed report describing the investigations and repairs was sub-
14 mitted to Mr. J. P. O'Reilly on April 30, 1982.

15	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
	E (28)	0 8 4 (29)	N/A	A (31)	Operator Observation

16	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z (33)	Z (34)	N/A	N/A

PERSONNEL EXPOSURES

17	NUMBER	TYPE	DESCRIPTION (39)
	0 0 0 (37)	Z (38)	N/A

PERSONNEL INJURIES

18	NUMBER	DESCRIPTION (41)
	0 0 0 (40)	N/A

IE22

LOSS OF OR DAMAGE TO FACILITY (43)

19	TYPE	DESCRIPTION
	Z (42)	N/A

PUBLICITY

20	ISSUED	DESCRIPTION (45)	NRC USE ONLY
	Y (44)	Press release made denoting plant shutdown.	

NAME OF PREPARER Charles G. Brown PHONE: (904) 795-6486

SUPPLEMENTARY INFORMATION

REPORT NO: 50-302/82-003/01T-1

FACILITY: Crystal River Unit #3

REPORT DATE: July 26, 1983

OCCURRENCE DATE: January 29, 1982

IDENTIFICATION OF OCCURRENCE:

A Reactor Coolant pressure boundary leak was discovered in MUV-43, creating an event contrary to Technical Specification 3.4.6.2.

CONDITIONS PRIOR TO OCCURRENCE:

MODE 1 (84% FULL POWER).

DESCRIPTION OF OCCURRENCE:

While performing a visual inspection of MUV-43 for a possible bonnet leak, a circumferential crack was discovered in the valve body, adjacent to the safe end weld on MUV-43, with some through-wall failure. MUV-43 was removed for failure analysis.

DESIGNATION OF APPARENT CAUSE:

The cause of this event is attributed to thermally induced cyclic fatigue.

ANALYSIS OF OCCURRENCE:

There was no effect upon the health or safety of the general public.

CORRECTIVE ACTION:

MUV-43 and related piping was replaced. Related areas of all four (4) injection lines were inspected to assess the scope of the problem. A detailed report describing Florida Power Corporation's investigations and repairs was submitted to Mr. J. P. O'Reilly on April 30, 1982.

FAILURE DATA:

This is the first occurrence concerning MUV-43, and this is the second event reported under this Specification.

Florida Power
CORPORATION

July 26, 1983
3F-0783-21

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. 82-003

Dear Mr. O'Reilly:

Enclosed is Licensee Event Report No. 82-003 and the attached supplementary information sheet, which are submitted in accordance with Technical Specification 6.9.1.8.i. This report supplies supplementary information to our initial report dated February 12, 1982.

Should there be any questions, please contact this office.

Sincerely,

G. R. Westafer
Manager
Nuclear Licensing and Fuel Management

AEF:mm

Enclosure

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

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