

SUPPLEMENTARY INFORMATION

REPORT NO: 50-302/83-043/03X-1

FACILITY: Crystal River Unit 3

REPORT DATE: August 24, 1984

OCCURRENCE DATE: October 3, 1983

IDENTIFICATION OF OCCURRENCE:

Emergency Feedwater (EFW) Ultrasonic Flow indicator on Steam Generator B (FW-313-FI) was inoperable. This malfunction caused train B of the EFW system to be considered inoperable. Technical Specification 3.7.1.2 requires that both EFW trains be operable during Mode 3.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 (Hot Standby).

DESCRIPTION OF OCCURRENCE:

At 0130 on October 3, 1983, during a routine plant inspection, the EFW Ultrasonic Flow indicator for Steam Generator B was determined to be inoperable as evidenced by the actuation of the fault light. The EFW line was cooled and FW-313-FI was returned to service at 1315 on October 3, 1983.

DESIGNATION OF APPARENT CAUSE:

The failure of the indicator was apparently caused by a (steam) void in the EFW line. The void occurred as a result of back leakage through a feedwater check valve, FWV-43.

ANALYSIS OF OCCURRENCE:

Emergency Feedwater flow indication was available through Steam Generator B level indication.

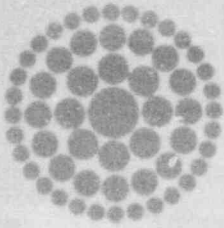
CORRECTIVE ACTIONS:

An Emergency Feedwater pump was started to add water to the line, thus eliminating any voids and allowing the check valve to seat properly. On October 5, 1983, FWV-43 was reworked.

An engineering evaluation concluded that FW-313-FI should be replaced with a conventional flow indicator during Refuel V.

FAILURE DATA:

This was the twelfth reported failure of FW-313-FI and the twenty-third report under Technical Specification 3.7.1.2.



**Florida
Power**
CORPORATION

August 24, 1984
3F0884-17

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Licensee Event Report No. 83-043, Rev. 1

Dear Sir:

Enclosed is Licensee Event Report (LER) No. 83-043, Revision 1 which is submitted voluntarily by Florida Power Corporation.

Should there be any questions, please contact this office.

Sincerely,

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

RHT/feb

Enclosure

cc: 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 30323

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