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**Florida  
Power**  
CORPORATION

January 23, 1984  
3F0184-22

Mr. J. F. 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  
Special Report No. 84-01

Dear Sir:

Enclosed is Special Report No. 84-01, which is submitted in accordance with  
Technical Specification 6.9.2(f).

Should there be any questions, please contact this office.

Sincerely,

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

AEF/feb

Enclosure

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

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SPECIAL REPORT 84-01

FACILITY: Crystal River Unit 3

REPORT DATE: January 23, 1984

DATE OF OCCURRENCE: January 14, 1984

IDENTIFICATION OF OCCURRENCE:

A portion of the fire suppression water system was taken out of service contrary to Technical Specification (TS) 3.7.11.1, and therefore reportable under Technical Specification 6.9.2(f).

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 (99% Power).

DESCRIPTION OF OCCURRENCE:

By observation of water inventory, it was determined that a leak existed in the fire suppression water system. After engineering evaluation, a test procedure to determine leak location was devised and reviewed with the Nuclear Maintenance Superintendent. When the test was approved, it was reviewed with all shift personnel and the clearance required was authorized. A roving fire watch was instructed to patrol the affected areas during the test. Personnel with radios were stationed at each valve in the fire suppression system which had to be closed to conduct the test. The test was completed when the fire suppression system leak was located and the system was returned to the normal operating line-up.

DESIGNATION OF APPARENT CAUSE:

In order to comply with the Limiting Condition for Operation (LCO) of TS 3.7.11.1, the Action Statement was voluntarily entered during system testing. That Statement requires an immediate notification to the NRC and a written follow-up (Special Report) within fourteen days.

ANALYSIS OF OCCURRENCE:

The Fire Suppression Water System was "inoperable" for a total of one hour and three minutes. Testing was completed resulting in leak location determination and the system being returned to normal valve line-up.

CORRECTIVE ACTION:

No corrective action is required to satisfy the LCO other than to return the system to "operable status" as was done at 0550 on January 15, 1984. Maintenance was initiated on the leaking pipe section. The repair may require isolation of a portion of the system. A supplement to this special report will be provided if this is necessary.

EVENT HISTORY:

This is the sixth report under Technical Specification 3.7.11.1 and the first Special Report under Technical Specification 6.9.2(f), due to voluntary entry into an Action Statement.