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**Florida
Power**
CORPORATION

October 3, 1984
3F1084-05

Mr. J. P. O'Reilly
Regional Administrator, Region II
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
101 Marietta Street N.W., Suite 2900
Atlanta, GA 30323

Subject: Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72
Special Report No. 84-04

Dear Mr. O'Reilly:

Enclosed is Special Report No. 84-04 which is submitted in accordance with
Technical Specification 6.9.2.

Sincerely,

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

AEF/feb

Enclosure

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SPECIAL REPORT 84-04

On September 19, 1984, Crystal River Unit 3 was operating at 73% reactor power and 640 MWe. At 0715, the fire suppression water system was placed in a degraded mode of operation to support a system modification. The partial system isolation required to accomplish this modification removed two of the three fire service pumps from service and placed the third pump in a recirculation mode of operation to maintain normal system pressure. In accordance with the preplanned partial isolation of the fire service system, a dedicated operator was stationed at the recirculation valve which would have to be closed to restore the pump to operable status. Additional system degradation was caused by the partial system isolation which limited the ability to sectionalize or isolate the distribution piping in the event a rupture occurred. The partial system isolation removed the redundant loop flow path which allowed only one fire service system header to remain in service. During this mode of operation, the fire suppression water system was deemed inoperable by the CR-3 Technical Specification limiting condition for operation in that manual operator action would be required to place the pump in a condition to perform its design function. The fire service suppression system was returned to service at 1755 on September 19, 1984, resulting in a total time of inoperability of 10 hours and 40 minutes.

This Special Report is submitted as required by Technical Specification 6.9.2.