

**Florida  
Power**  
CORPORATION

March 22, 1983  
3F-0383-26

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
NUREG-0737, Item II.F.2  
Instrumentation for Detection of Inadequate Core Cooling

Dear Mr. Denton:

On March 17, 1983, members of the Florida Power Corporation (FPC) staff (Messrs. J. A. Hancock, G. R. Westafer, E. C. Simpson, and P. M. Rubio) met with members of the Nuclear Regulatory Commission (NRC) Staff (Messrs. L. Rubinstein, L. Phillips, and S. Minor) at the NRC offices in Bethesda, Maryland, to discuss the "Order for Modification of License" dated December 10, 1982, for the Crystal River Nuclear Plant. This Order requires the installation of an Inadequate Core Cooling (ICC) Instrumentation System.

As stated in the meeting, FPC is presently performing an engineering study to determine the best available system for the Crystal River Nuclear Plant. As requested in the meeting, FPC will provide the NRC with a preliminary conceptual design of the reactor coolant inventory tracking system by April 15, 1983. FPC will also supply a conceptual schedule for engineering, procurement, and installation of the inventory tracking system by April 15, 1983.

FPC is reviewing the status of conformance of the core-exit thermocouples and subcooling margin monitors with the requirements of NUREG-0737, Item II.F.2 and will submit a report on the status of such conformance by April 25, 1983. The checklist provided by the Order will be used as an aid in the status review. If upgrading of this

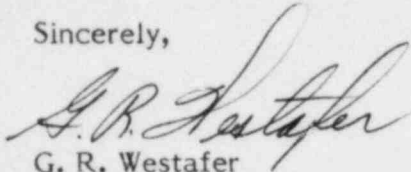
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equipment is necessary, FPC will provide a preliminary schedule (or if the upgrading is very complex, a date by which a preliminary schedule) for engineering, procurement, and installation of the core-exit thermocouples and subcooling margin monitors by April 25, 1983.

Sincerely,



G. R. Westafer  
Manager  
Nuclear Licensing and Fuel Management

PMR:mm

cc: Mr. J. P. O'Reilly, Regional Administrator  
Office of Inspection & Enforcement, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street N.W., Suite 2900  
Atlanta, GA 30303