



February 8, 1983  
3F-0283-09

Mr. Samuel J. Chilk  
Secretary of the Commission  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Docketing and Service Branch

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

Dear Mr. Chilk:

Florida Power Corporation (FPC) has received and reviewed the Order for Modification of License for Crystal River Unit 3 dated December 10, 1982.

FPC is currently working toward the requirements of Sections III.2 and III.3 of the Order which are required to be completed on or before March 10, 1983. Specifically, Section III.2 requires FPC to (1) complete a conceptual design review for a reactor coolant inventory tracking system; (2) identify the design selected; (3) submit a detailed schedule for engineering of the inventory tracking system; (4) submit a detailed schedule for the procurement of the inventory tracking system; and (5) submit a detailed schedule for the installation of the inventory tracking system. Section III.3 requires FPC to (1) review the status of conformance of all components of the Inadequate Core Cooling Instrumentation system with NUREG-0737, Item II.F.2; and (2) submit a report of such conformance.

In accordance with Section III.6 of the Order and within the time required, Florida Power Corporation (FPC) requests an extension of time for submittals of the required information. The proposed schedule for submittals and the justification for the delay are denoted below.

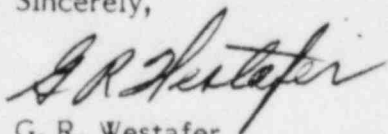
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FPC is contracting with an architect/engineering firm to perform studies and evaluations of the currently available inadequate core cooling (ICC) instrumentation systems. This includes the Westinghouse, Combustion Engineering, and Babcock and Wilcox subsystems. The studies will determine the best system for installation and use at Crystal River Unit 3 and will provide detailed schedules for engineering, procurement, and installation. In addition, the evaluations will review the status of conformance of each of the ICC instrumentation systems with NUREG-0737, Item II.F.2.

This work is presently estimated to take twenty-six (26) weeks from the date of work authorization. In addition, FPC will require approximately four (4) weeks for one internal review and decision process. The twenty-six weeks of work includes eight (8) weeks for each of three (3) reactor inventory tracking systems evaluations and sixteen (16) weeks for the core thermocouple and shutdown margin meter evaluations. The twenty-six (26) week schedule is necessary since all of this work cannot all be completed in parallel.

Sincerely,



G. R. Westafer  
Manager  
Nuclear Licensing and Fuel Management

RMB:mm

cc: Mr. J. P. O'Reilly, Regional Administrator  
Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
101 Marietta Street N.W., Suite 3100  
Atlanta, GA 30303

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(S. J. Chilk)

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