

**Florida  
Power**  
CORPORATION

May 20, 1983  
3F-0583-15

Director of Nuclear Reactor Regulation  
Attention: Mr. John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
Environmental Qualification of  
Safety-Related Electrical Equipment

Dear Sir:

By letter dated January 11, 1983, the NRC staff issued a safety evaluation (SE) for Crystal River Unit 3 on the environmental qualification of safety-related electrical equipment. This SE was based on a technical evaluation report (TER) prepared by an NRC contractor, Franklin Research Center (Franklin). Your letter on the same subject, dated March 23, 1983, requested additional information be provided to the NRC. The final rule on equipment qualification, as published in 10CFR50.49, called for submittal of data to the NRC concerning environmental qualification. Attached is Florida Power Corporation's response to the above documents and rule. As discussed with our NRC Project Manager on May 19, 1983, five (5) copies of the response are attached. This information is being forwarded with the intent of finalizing all outstanding items in the area of environmental qualification with specific recommended actions which should bring closure to this subject by the second refueling outage after March 1982, i.e., Refuel V, which is currently planned for the spring of 1985.

Florida Power Corporation will provide additional information to the NRC by June 15, 1983, which will bring closure to many of the noted discrepancies and/or deficiencies noted in the Franklin TER. This additional information is the culmination of two years of engineering analysis and calculations.

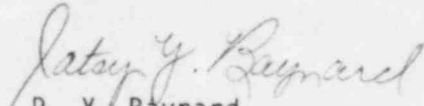
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May 20, 1983  
3F-0583-15  
Page 2

Florida Power Corporation requests a meeting with the NRC to discuss the content of this environmental qualification submittal to allow any questions to be resolved in a timely fashion.

Sincerely,



P. Y. Baynard  
Assistant to Vice President  
Nuclear Operations

Thompson(R07)C1-2

Attachments

cc: 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 30303