



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

November 2, 1979

Docket No. 50-302

Mr. George C. Moore  
Assistant Vice President -  
Power Production  
Florida Power Corporation  
P. O. Box 14042, Mail Stop C-4  
St. Petersburg, Florida 33733

Dear Mr. Moore:

On October 17, 1979, Mr. Saul Levine, Mr. Denwood Ross and Mr. Morton Fairtile of the NRC staff contacted you by telephone to discuss the Commission's concern about the design adequacy of Babcock and Wilcox (B&W) Nuclear Steam Supply Systems (NSSS) utilizing once-through steam generators and to solicit Florida Power Corporation's cooperation in a study by the NRC Office of Nuclear Regulatory Research of this concern. You expressed a desire to cooperate with the staff in this study, but requested that we prepare this letter to you to formalize our request and to provide more details about the study. We wish to thank you for your cooperation.

We plan to send people to the Crystal River Station during the second week in November. They will be at the station for about one month. There will be a maximum of eight NRC or NRC contractor people at the station. Mr. Francis H. Rowsome, Acting Director of the Probabilistic Analysis Staff will be the NRC contact for logistics support at the station for these people. His phone number is (301) 492-8393. To support this study we will request, in the near future, certain piping and instrument drawings, electrical layouts, logic drawings and so forth to be sent to our Bethesda, Maryland offices. Mr. Fairtile, the Crystal River Operating Reactor Project Manager will contact your staff regarding specific needs for drawings. We estimate this study to be completed in about six months.

Crystal River Unit No. 3 was selected as we believe it most closely represents an operating B&W NSSS type of plant. We will rely on B&W for required data specific to the NSSS, which is common to all operating B&W plants. In order to permit verification of engineering and procedural details, we need our analysts to be located at or near the station to have access to as-built drawings, the plant operations staff and procedures so that generation of our fault trees and event trees can proceed in a rapid and accurate manner.

Sincerely,

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

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Florida Power Corporation

cc: Mr. S. A. Brandimore  
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