



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

November 21, 1990

Docket Nos. 50-348  
and 50-364

Mr. W. G. Hairston, III  
Senior Vice President  
Alabama Power Company  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201

Dear Mr. Hairston:

SUBJECT: SAFETY PARAMETER DISPLAY SYSTEM REVIEW FOR THE JOSEPH M. FARLEY  
NUCLEAR PLANT, UNITS 1 AND 2 (TAC NOS. 73656 and 73657)

This letter documents completion of our review of the Joseph M. Farley Nuclear Plant, Units 1 and 2 (Farley), safety parameter display system (SPDS). By letter dated May 30, 1990, we transmitted the results of our on-site audit of the Farley SPDS. In that letter, we determined that six of the eight NUREG-0737, Supplement 1, SPDS requirements were satisfied. The two requirements that were not fully satisfied were (1) the SPDS does not continuously display safety status information, and (2) the minimum information displayed to determine plant safety status did not include radioactivity control. By letters dated June 26, 1990, and September 14, 1990, you provided additional information in response to our requests in letters dated May 30, 1990, and August 10, 1990.

Our review of your submittals has determined that, upon implementation of your proposed SPDS modifications, the two remaining requirements of NUREG-0737, Supplement 1, will be satisfied. The results of our review are documented in the enclosed Supplemental Safety Evaluation Report.

In your letter dated September 14, 1990, you commit to implement the changes by the end of the second refueling outage following receipt of NRC approval of the proposed changes. As discussed by telephone with your staff, we understand that this commitment includes the current Unit 2 outage which began on October 13, 1990, as one of the two outages for Unit 2 implementation. We find this implementation schedule to be acceptable. Please notify us in writing within 30 days of the completion of implementation for each unit or of any changes in your implementation schedule.

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This completes our review of the Farley SPDS and TAC Nos. 73656 and 73657 are closed by this letter. The staff may confirm by inspection that the final actions requiring completion on the Farley SPDS have been fully and properly implemented.

Sincerely,  
Original Signed By:

Stephen T. Hoffman, Project Manager  
Project Directorate II-1  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
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Mr. W. G. Hairston, III  
Alabama Power Company

Joseph M. Farley Nuclear Plant

cc:

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