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Southern Nuclear Operating Company

the southern electric system

J. D. Woodard
Vice President
Farley, Subject

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Docket Nos. 50-348
50-364

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Joseph M. Farley Nuclear Plant
Safety Parameter Display System Radioactivity Status

Gentlemen:

On February 5 and 6, 1990, the NRC performed an audit of the Safety Parameter Display System (SPDS) at Farley Nuclear Plant. As stated in the NRC's audit report dated May 30, 1990, two requirements of NUREG-0737, Supplement 1, remain unsatisfied: 1) to provide a continuous display of safety status information, and 2) to provide minimum information concerning the status of radioactivity control. By letters dated June 26 and September 14, 1990, Alabama Power Company committed to address these two remaining concerns by the end of the second refueling outage following NRC approval of the proposed resolutions.

The NRC issued an SER on November 21, 1990 which approved the proposed resolutions and clarified the proposed implementation schedule. The NRC stated that the Unit 2 seventh refueling outage (which was ongoing during the review period of the proposed implementation plan and schedule) should be considered as one of the two outages required for final implementation on Unit 2. Therefore, final resolution of the two remaining items associated with SPDS must be resolved by the end of the Unit 1 eleventh and the Unit 2 eighth refueling outages. Additionally, a 30-day notification upon completion was requested by the NRC.

Southern Nuclear Operating Company has modified both the Unit 1 and 2 SPDS's to resolve the two remaining open issues as described in the June 26, 1990 letter. The SPDS has been modified such that the summary status bars are continuously displayed on every screen available to the operator in the control room. Secondly, a radioactivity control status display has been implemented as previously reviewed and approved by the NRC with one exception: condenser air ejector monitors R-15A and B are not used as inputs to the radioactivity status bar since R-15C, which is included, spans the range of concern. However, R-15A and B are listed on the secondary display of radiation monitor readings.

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As stated in the conclusion of the SER, upon the implementation of the proposed SPDS modifications, the two remaining requirements will be satisfied. Therefore, Southern Nuclear Operating Company considers the NUREG-0737, Supplement 1, SPDS requirements to be complete for both Farley Nuclear Plant Units 1 and 2.

If there are any questions, please advise.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY


J. D. Woodard

JDW/BHW:map 2140

cc: Mr. S. D. Ebner
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Mr. G. F. Maxwell