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Alabama Power  
the southern electric system

February 20, 1985

Docket Nos. 50-348  
50-364

Director, Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. S. A. Varga

J. M. Farley Nuclear Plant - Units 1 and 2  
NUREG-0737, Item II.F.2  
Reactor Vessel Level System

Gentlemen:

On January 22, 1985, a meeting was held between Alabama Power Company and the NRC to discuss the status of Alabama Power Company's efforts to install a Reactor Vessel Level System at Farley Nuclear Plant. Alabama Power Company's schedule for this installation is for the work to be accomplished during the next three refueling outages for each unit. The first outage (Unit 1, 6th and Unit 2, 3rd) will be utilized for system walkdowns to obtain detailed measurements for design development. The second and third outages will be utilized for system installation. The scope of work planned for the second outage includes installation of main control room processor cabinets, outside containment cable and cable trays, containment penetration modules, cable trays inside containment from the containment penetration to the reactor cavity, and all reactor vessel internals and head modifications including installation of the heated junction thermocouples. Installation of the reactor cavity cable trays, containment mineral insulated cable and main control board displays are included in the scope of work for the third outage.

As discussed in the January 22, 1985 meeting, installation of the Reactor Vessel Level System is scheduled for completion by the end of the third outage. If the second outage is sufficiently extended beyond the established critical path outage schedule and the remaining reactor vessel level modifications can be performed without impacting the return to power critical path, then the Reactor Vessel Level System installation will be completed at that time. An outage extension would allow the reactor cavity cable trays and containment mineral insulated cable to be installed during that extended outage period.

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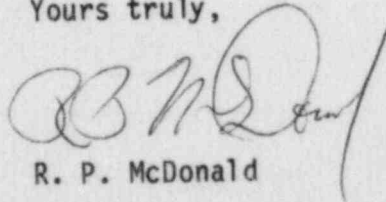
Mr. S. A. Varga  
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Although such an outage extension is not currently planned, the packaging of the entire modification will be completed by the second outage. This packaging would allow Alabama Power Company to take advantage of any unscheduled outage extension and complete vessel level installation prior to startup from the Unit 1, 7th and Unit 2, 4th refueling outages. In the event of an unforeseen shutdown of sufficient duration between the two installation outages where the remaining reactor vessel level modifications can be completed without impacting the outage critical path, Alabama Power Company will also be able to complete installation of the reactor vessel level system.

If you have any questions, please advise.

Yours truly,

A handwritten signature in cursive script, appearing to read 'R. P. McDonald', is written over a horizontal line.

R. P. McDonald

RPM/JAR:gri-D42

cc: Mr. L. B. Long  
Mr. J. P. O'Reilly  
Mr. E. A. Reeves  
Mr. W. H. Bradford