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F. L. Clayton, Jr.  
Senior Vice President  
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February 1, 1982

Docket No. 50-364

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

Attention: Mr. S. A. Varga

Joseph M. Farley Nuclear Plant - Unit 2  
Spent Fuel Pool Modification Amendment 1



Gentlemen:

As stated in Alabama Power Company's December 18, 1982, submittal, attached is Farley-Unit 2 Spent Fuel Pool Modification Report Amendment 1 which includes the following:

1. Thermal hydraulic analysis of spent fuel cooling
2. Boraflex B-10 loading
3. Reactivity sensitivity of enrichment
4. Pitch reactivity sensitivity
5. Reactivity sensitivity due to B-10 loading
6. Corrections for typographical errors
7. Corrections for design standards
8. Corrected numbers

This amendment documents the validation of the conclusion reached by the scoping calculations referred to in the December 18, 1982, submittal.

Alabama Power Company's Plant Operations Review Committee has reviewed this proposed amendment and has verified that they do not involve an unreviewed safety question as defined by 10CFR50.59. The Nuclear Operations Review Board will review this package at the next scheduled meeting.

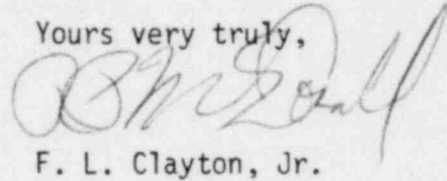
*Pool  
5/1/1*

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In accordance with 10CFR50.30(c)(1)(i), three signed originals and thirty-seven (37) additional copies of this proposed amendment request are enclosed.

If you have any questions, please advise.

Yours very truly,



F. L. Clayton, Jr.

FLC/JAR:awm

Enclosure

cc: Mr. R. A. Thomas  
Mr. G. F. Trowbridge  
Mr. J. P. O'Reilly  
Mr. E. A. Reeves  
Mr. W. H. Bradford

FARLEY 2 SPENT FUEL POOL MODIFICATION

REVISION INSERTION INSTRUCTIONS

February 2, 1982

Section

Action

All Text only

Replace