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Alabama Power

the southern electric system

October 21, 1982

Docket No. 50-364

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

Attention: Mr. S. A. Varga

Joseph M. Farley Nuclear Plant - Unit 2
License Conditions 2.C.(9)(b) and 2.C.(12)(c)
Boron Mixing and Natural Circulation Cooldown

Gentlemen:

By letter of July 8, 1982, Alabama Power Company submitted information to the NRC demonstrating compliance with the referenced license conditions. As stated in the letter, an approved Emergency Operating Procedure (EOP-7) includes provisions for natural circulation cooldown with boron mixing.

Subsequent to this letter, the NRC Staff requested confirmation that the current Farley Nuclear Plant procedure has been reevaluated against the "lessons learned" from the plants which had previously performed the natural circulation cooldown test (North Anna, Salem and Sequoyah). The procedures developed for plants performing the test at subcritical conditions, similar to that developed for Farley Nuclear Plant (i.e., Salem and North Anna), were based on the same Westinghouse Owner's Group guidelines and the Sequoyah test procedure. It has been verified by Alabama Power Company that, as a result of the "lessons learned" by Salem and North Anna, there are no recommendations to revise the Westinghouse Owner's Group guidelines nor were changes made to the Salem and North Anna emergency operating procedures. Therefore, Alabama Power Company has confidence that its current emergency procedure provides adequate guidance for cooldown under natural circulation conditions.

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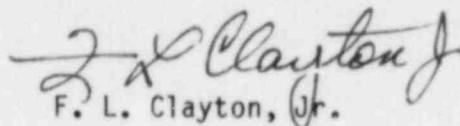
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Mr. S. A. Varga
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With this information and that provided in the July 8, 1982 letter, Alabama Power Company believes that full compliance with the referenced license conditions has been demonstrated.

Very truly yours,


F. L. Clayton, Jr.

FLCJr/RLG:1sh-D10

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