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Alabama Power
the southern electric system

March 27, 1984

Docket No. 50-348

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

Attention: Mr. S. A. Varga

Joseph M. Farley Nuclear Plant - Unit 1
10CFR50.49 - Environmental Qualification
of Regulatory Guide 1.97 Equipment

Gentlemen:

In letter dated September 27, 1983, Alabama Power Company requested an extension to the schedule provided in 10CFR50.49(g). This extension request for Unit 1 addressed 10CFR50.49(b)(3) equipment (i.e., certain Regulatory Guide 1.97 equipment). All other 10CFR50.49(b)(1) and (b)(2) equipment has been previously qualified as stated in Alabama Power Company letter dated May 20, 1983. Alabama Power Company, in letter dated February 22, 1984, further clarified its extension request and indicated actions taken to improve the degree of Unit 1 compliance with 10CFR50.49. The equipment subject to the schedule of 10CFR50.49 has been categorized into 17 groups consisting of a total of 45 equipment pieces.

The efforts taken by Alabama Power Company to improve the Unit 1 degree of compliance with 10CFR50.49 are as follows:

- 1) Review of post-accident environmental conditions to which the equipment would be exposed and a determination that the environmental conditions are considered mild and would not require environmental qualification of certain equipment,
- 2) Determination of the post-accident environmental conditions to which the equipment would be exposed, receipt of test documentation from manufacturers, and a review of the test documentation in order to determine whether equipment is environmentally qualified,

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Mr. S. A. Varga
U. S. Nuclear Regulatory Commission

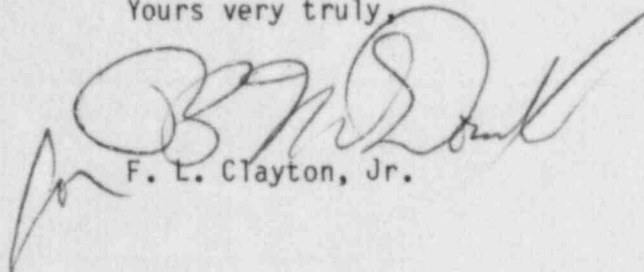
March 27, 1984
Page 2

- 3) Review of the plant-specific design features of Farley Nuclear Plant and the design and qualification criteria of Regulatory Guide 1.97 and a determination that a sufficient basis exists to justify the use of commercial-grade equipment.

These efforts have reduced the number of equipment pieces for which an extension to the schedule of 10CFR50.49 is necessary from 45 to 13. On this basis, it is the judgement of Alabama Power Company that efforts to improve the Unit 1 degree of compliance with 10CFR50.49 have been realized. Alabama Power Company respectfully requests the extension discussed in letter dated February 22, 1984 for the remaining 13 specific pieces of equipment be granted.

If there are any questions regarding this matter, please contact this office.

Yours very truly,



F. L. Clayton, Jr.

FLCJr/MAL:1sh-D39

cc: Mr. R. A. Thomas
Mr. J. P. O'Reilly
Mr. E. A. Reeves
Mr. W. H. Bradford
Dr. I. L. Myers