

Mailing Address  
Alabama Power Company  
600 North 18th Street  
Post Office Box 2641  
Birmingham, Alabama 35291  
Telephone 205 783-6090

R. P. McDonald  
Senior Vice President  
Flintridge Building



Alabama Power  
the southern electric system

January 28, 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

Joseph M. Farley Nuclear Plant - Units 1 and 2  
Environmental Qualification of Electrical Equipment  
Response to Generic Letter 84-24

Gentlemen:

Generic Letter 84-24 dated December 27, 1984 requested that Alabama Power Company submit, under oath or affirmation, a certification that: (a) an Environmental Qualification Program is in place and being implemented that satisfies the requirements of 10CFR50.49 within the currently approved schedule for the plant without further extension; (b) the plant has at least one path to safe shutdown using fully qualified equipment, or has submitted a justification for continued safe operation pending full qualification of any equipment not fully qualified; and (c) all other equipment within the scope of 50.49 is either fully qualified or a justification for continued operation has been submitted pending full qualification. In addition, Generic Letter 84-24 stated that the certification described in (a), (b), and (c) above address IE Bulletins and Information Notices that identify environmental qualification problems.

Alabama Power Company has an Environmental Qualification Program in place that satisfies the requirements of 10CFR50.49 as stated in the NRC Safety Evaluations dated December 13, 1984.

The Farley Nuclear Plant - Units 1 and 2 have at least one path to safe shutdown using fully qualified equipment in accordance with 10CFR50.49(b)(1) and (b)(2) as stated in letters dated May 20, 1983 and May 23, 1984 and approved by the NRC Safety Evaluations dated December 13, 1984. Alabama Power Company has developed Master Lists of equipment which require environmental qualification for Farley Nuclear Plant - Units 1 and 2. These Master Lists were developed by a systematic review of design and as-built documentation, the FSAR, Technical Specifications and Emergency Operating Procedures to determine the systems required to

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

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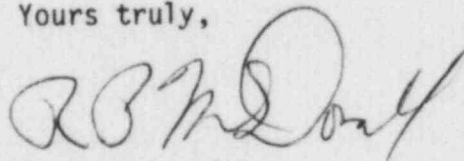
perform a safety-related function which includes equipment required to achieve safe shutdown. All of the equipment identified in the Master Lists have been environmentally qualified and, as a result, a justification for continued operation with unqualified equipment is not required.

The only other equipment within the scope of 10CFR50.49 is defined in Section (b)(3). The scope of 10CFR50.49(b)(3) that is subject to the schedule of 10CFR50.49(g) was discussed with justification for continued operation in a letter to the NRC dated February 22, 1984. This scope of equipment is either fully qualified or will be qualified by the end of the Unit 1 sixth and Unit 2 third refueling outages but no later than November 30, 1985 and March 31, 1985 respectively. This completion schedule was approved by the NRC in letters dated April 16, 1984 for Unit 1 and October 21, 1983 for Unit 2, and NRC Safety Evaluations dated December 13, 1984.

In response to I.E. Bulletin No. 82-04 dated January 3, 1983, Alabama Power Company stated that no Bunker Ramo electrical penetrations are installed or planned to be installed in safety-related systems at Farley Nuclear Plant. Responses to IE Information Notices are not required to be submitted to the NRC. However, it is Alabama Power Company policy that all notices are reviewed for applicability to Farley Nuclear Plant and formally documented in the plant files for permanent retention.

If there are any questions, please advise.

Yours truly,

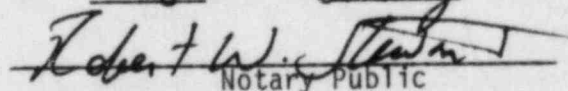


R. P. McDonald

RPM/DHJ:bdv-D6

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

SWORN TO AND SUBSCRIBED BEFORE ME  
THIS 28<sup>th</sup> DAY OF January, 1985

  
Notary Public

My Commission Expires: 10/27/85