

PROPRIETARY

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

MATERIAL TRANSMITTED HEREWITH  
CONTAINS 2.790 INFORMATION

R. P. McDonald  
Senior Vice President  
Flintridge Building



Alabama Power  
The southern electric system

January 31, 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  
Safety Parameter Display System (SPDS)  
Safety Analysis Background and Human  
Factors Criteria

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Gentlemen:

By letter dated April 4, 1984, the NRC Staff provided comments on the Alabama Power Company SPDS Safety Analysis dated November 30, 1983. Alabama Power Company responded to the NRC Staff comments by letter dated May 11, 1984. In this letter, Alabama Power Company committed to provide the NRC Staff with a description of the human factors review results for the Farley SPDS design. The purpose of this description was to identify the human factors criteria incorporated into the SPDS design to ensure that the displayed information is readily perceived, easily comprehended, and is not misleading to the SPDS users. Attachment 1, Design Process of the Farley Status Tree Monitoring System Displays, provides this description.

In the May 11, 1984 letter, Alabama Power Company also committed to provide a listing of the critical safety functions, an identification of SPDS parameters used to satisfy each critical safety function, and a discussion of how each parameter and setpoint satisfies its critical safety function requirements. It was stated that the basis for the selection of the Farley critical safety functions and the relationship of these functions to the functional criteria in NUREG-0737 Supplement 1 would be provided. Attachment 2, Safety Analysis Background for Farley Units 1 and 2, contains this basis.

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

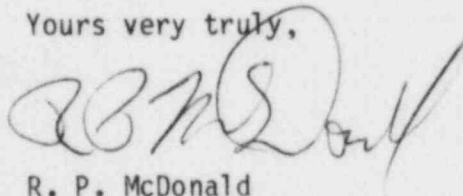
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Attachment 1 contains Westinghouse proprietary information. In conformance with the requirements of 10CFR Section 2.790 of the Commission's regulations, a Westinghouse affidavit is enclosed. It is requested that the Westinghouse proprietary information be withheld from public disclosure by the Commission.

Correspondence with respect to the proprietary aspects of the Westinghouse affidavit should reference CAW-84109, and be directed to R. A. Wiesemann, Manager, Licensing Programs, Westinghouse Electric Corporation.

If there are any questions, please advise.

Yours very truly,



R. P. McDonald

RPM/JLO:bdv-D6

Attachments

Enclosure

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