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R. P. McDonald  
Senior Vice President  
Wintride Building



November 27, 1985

Docket Nos. 50-348  
50-364

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

Attention: Mr. L. S. Rubenstein

Joseph M. Farley Nuclear Plant - Units 1 and 2  
Deletion of Rod Bow Penalty Technical Specification Change

Gentlemen:

The phenomenon of fuel rod bowing is accounted for in the departure from nucleate boiling ratio (DNBR) safety analysis for Farley Nuclear Plant Units 1 and 2. Westinghouse WCAP-8691, Revision 1 has been accepted by the NRC as successfully demonstrating that applicable generic credits for margin resulting from retained conservatism in the evaluation of DNBR and/or from measured plant parameters can be used to offset the effect of DNBR penalties due to rod bow. The Joseph M. Farley Nuclear Plant Units 1 and 2 safety analyses maintain sufficient margin to fully offset the DNBR effects of rod bow.

It is therefore proposed that the rod bow penalty (RBP) currently included in the Farley Nuclear Plant Units 1 and 2 Technical Specifications be deleted. This penalty is no longer required and the deletion of this penalty will result in the removal of an unnecessary restriction on plant operations.

Attachment 1 lists the changed Technical Specification pages and includes the proposed changed pages. Since the proposed Technical Specification change includes no changes which would significantly increase the probability or consequences of an accident previously evaluated, no changes which create the possibility of a new or different kind of accident from any accidents previously evaluated and no changes which would involve a significant reduction in a margin of safety, it is considered by Alabama Power Company to not involve a significant hazards consideration as defined in 10CFR50.92. This conclusion is based upon this change maintaining the

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Mr. L. S. Rubenstein  
U. S. Nuclear Regulatory Commission

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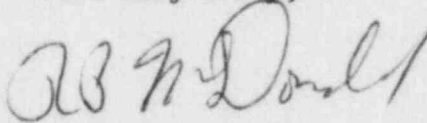
margin inherent in the minimum DNBR limit of 1.30 for transients which must account for fuel rod bowing in the accident analysis and this change not altering the plant configuration or modes of operation. The details of the 10CFR50.92 evaluation are provided in Attachment 2.

Alabama Power Company's Plant Operations Review Committee has reviewed this proposed change and the Nuclear Operations Review Board will review this proposed change at a future meeting.

As required by 10CFR170.21, the License Amendment Application Fee of \$150.00 is enclosed. In accordance with 10CFR50.90, three signed originals and forty additional copies of this proposed change are enclosed. A copy of this proposed change has also been sent to Mr. Dan Turner, the Alabama State Designee, in accordance with 10CFR50.91(b)(1).

If you have any questions, please advise.

Yours very truly,



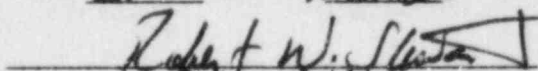
R. P. McDonald

RPM/CJS:ddb-D26  
Attachments

cc: Mr. L. B. Long  
Dr. J. N. Grace  
Mr. E. A. Reeves  
Mr. W. H. Bradford  
Mr. Dan Turner

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 27<sup>th</sup> DAY OF November 1985

  
Notary Public

My Commission Expires: 10/27/89