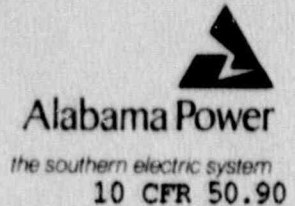


Alabama Power Company
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W. G. Hairston, III
Senior Vice President
Nuclear Operations

August 27, 1990



Docket No: 50-364

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Joseph M. Farley Nuclear Plant - Unit 2
RCS Heatup and Cooldown Limit Curves

Provided herein are proposed technical specification changes for J. M. Farley Nuclear Plant Unit 2 which govern the heatup and cooldown rates for the reactor coolant system (RCS). These proposed changes provide heatup and cooldown curves applicable to the first 14 EFPY for the reactor and are based on the analysis of surveillance Capsule X which was removed from the Unit 2 vessel after approximately 6.41 EFPY. The analysis of Capsule X is documented by WCAP-12471, titled "Analysis of Capsule X from the Alabama Power Company, Joseph M. Farley Unit 2 Reactor Vessel Radiation Surveillance Program," submitted to the NRC via Alabama Power Company letter dated April 12, 1990.

The proposed heatup and cooldown curves and the revised bases pages associated with the revised curves are found in Attachment 1. These changes are required to allow operation of Farley Unit 2 beyond the 8 EFPY limit of the existing heatup and cooldown curves. Operation of Unit 2 of the Farley Nuclear Plant could reach the 8 EFPY limitation of the existing curves as early as March 23, 1991. Attachment 2 contains the required significant hazards analysis pursuant to 10 CFR 50.92. Based on the analysis provided, Alabama Power Company has determined that the proposed changes to the technical specifications will not involve a significant increase in the probability or consequences of an accident previously evaluated, create the possibility of a new or different kind of accident from any accident previously evaluated, or involve a significant reduction in a margin of safety.

The Plant Operations Review Committee has reviewed these proposed changes and the Nuclear Operations Review Board will review these proposed changes at a future meeting. NRC approval of these proposed changes is requested by March 1, 1991.

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August 27, 1990

A copy of these proposed changes is being sent to Dr. C. E. Fox, the Alabama State Designee, in accordance with 10 CFR 50.91(b)(1).

Respectfully submitted,

ALABAMA POWER COMPANY

W. G. Hairston, III
W. G. Hairston, III

WGH,III/TWS:ts

Attachments

cc: Mr. S. D. Ebnetter
Mr. S. T. Hoffman
Mr. G. F. Maxwell
Dr. C. E. Fox

SWORN TO AND SUBSCRIBED BEFORE ME
THIS 27th DAY OF August, 1990

Notary Public
Glenn S. Terry

My Commission Expires MY COMMISSION EXPIRES DEC. 29, 1992

Attachment 1

Proposed Changed Pages

Page 3/4 4-29	Replace
Page 3/4 4-30	Replace
Page B 3/4 4-7	Replace
Page E 3/4 4-10	Delete
Page B 3/4 4-14	Replace