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November 6, 1998



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Docket Nos.: 50-348  
50-364

10 CFR 50.90

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

Joseph M. Farley Nuclear Plant  
Technical Specifications Change Request  
NIS Power Range Channel Daily Surveillance Requirement

Ladies and Gentlemen:

In accordance with 10 CFR 50.90, Southern Nuclear Operating Company (SNC) proposes to amend the Farley Nuclear Plant Unit 1 and Unit 2 Technical Specifications Nuclear Instrumentation System (NIS) Power Range daily surveillance requirement. When operating above 15% Rated Thermal Power (RTP), the Technical Specifications require the adjustment of the Power Range channel(s) when the absolute difference between Power Range indicated power and secondary side calorimetric power is greater than 2% RTP. Compliance with this Technical Specifications requirement may result in non-conservative channel calibration during reduced power operations. The proposed Technical Specifications change will resolve this undesirable condition by requiring adjustment of the NIS Power Range channel(s) only when the calorimetric calculated power exceeds the Power Range indicated power by more than + 2% RTP.

In the interim, to ensure compliance with the Technical Specifications and conformance with the safety analyses, Farley has implemented administrative controls. The potential non-conservative NIS calibration issue and the proposed Technical Specifications changes are applicable to other Westinghouse Pressurized Water Reactors (PWRs). Farley is the lead plant for the Westinghouse Owner's Group (WOG) concerning this issue.

The proposed Current Technical Specifications (CTS) change is provided in Attachment I. The proposed CTS change, including the supporting technical basis and significant hazards consideration, is also applicable to the proposed Farley Improved Technical Specifications (ITS) changes provided by SNC letter dated March 12, 1998. The proposed ITS version of this CTS amendment request is provided in Attachment II. Review and approval of this licensing amendment change request is applicable to the ITS version as well, which will be incorporated into the ITS submittal when approved. The safety analysis which explains the technical basis for the change is provided in Attachment III.

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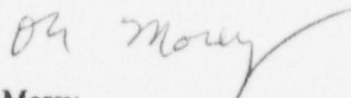
SNC has determined that the proposed change to the Technical Specifications does not involve a significant hazards consideration as defined by 10 CFR 50.92. The significant hazards evaluation is provided in Attachment IV. In addition, SNC has determined that the proposed change will not significantly affect the quality of the human environment. In accordance with 10 CFR 50.91 (b)(1), a copy of the proposed change has been sent to Dr. D. E. Williamson, the Alabama State Designee.

Because a current non-conservatism exists in the Technical Specifications, SNC believes that this change request should be reviewed by the staff in a timely manner and requests approval within the next twelve months. If you have any questions, please advise.

Mr. D. N. Morey states that he is a Vice President of Southern Nuclear Operating Company and is authorized to execute this oath on behalf of Southern Nuclear Operating Company and that, to the best of his knowledge and belief, the facts set forth in this letter and attachments are true.

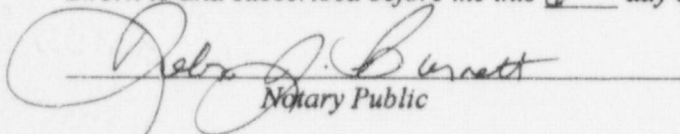
Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY



Dave Morey

Sworn to and subscribed before me this 6<sup>th</sup> day of November 1998



Notary Public

My Commission Expires: 9-14-2002

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Attachments:

- I. Current Technical Specifications Marked-up and Typed Pages
- II. Improved Technical Specifications Marked-up and Typed Pages
- III. Safety Analysis
- IV. Significant Hazards Evaluation

cc: Mr. L. A. Reyes, Region II Administrator  
Mr. J. I. Zimmerman, NRR Project Manager  
Mr. T. P. Johnson, FNP Senior Resident Inspector  
Dr. D. E. Williamson, State Department of Public Health

ATTACHMENT I

FARLEY NUCLEAR PLANT

CURRENT TECHNICAL SPECIFICATIONS CHANGE REQUEST

NIS POWER RANGE CHANNEL DAILY SURVEILLANCE REQUIREMENT

FNP Unit 1 Technical Specifications Changed Page List

FNP Unit 1 Technical Specifications Marked-up Page

FNP Unit 1 Technical Specifications Typed Page

FNP Unit 2 Technical Specifications Changed Page List

FNP Unit 2 Technical Specifications Marked-up Page

FNP Unit 2 Technical Specifications Typed Page