

July 5, 2005

Mr. L. M. Stinson  
Vice President - Farley Project  
Southern Nuclear Operating  
Company, Inc.  
Post Office Box 1295  
Birmingham, Alabama 35201-1295

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1 — EVALUATION OF  
PRESSURE-TEMPERATURE LIMITS REPORT (TAC NO. MC5068)

Dear Mr. Stinson:

By letter dated November 5, 2004, Southern Nuclear Operating Company (SNC, the licensee) submitted Revision 2 of the Joseph M. Farley Nuclear Plant, Unit 1, (FNP) Pressure Temperature Limits Report (PTLR). The FNP, Unit 1 PTLR was revised to include: (1) revision of the surveillance capsule withdrawal schedule (previously approved by the Nuclear Regulatory Commission's (NRC) letter dated March 15, 2004), (2) replacement of the heatup and cooldown limit curves with new curves extending the service period to 29.0 effective full power years, and (3) updating of the surveillance data credibility analysis and supplemental data sections to reflect the latest surveillance capsule analysis report.

Since the pressure-temperature limits have been removed from the technical specifications and SNC has not requested a formal review of the current PTLR, the NRC staff reviewed SNC's submittal to ensure that the approved methodology was used to modify the PTLR. On the basis of its review of SNC's submittal, the NRC staff found that the approved methodology was used to update the FNP, Unit 1 PTLR.

This completes the NRC staff's activities under TAC No. MC5068. Please contact me at (301) 415-1493, if you have any other questions on these issues.

Sincerely,

*/RA/*

Robert E. Martin, Senior Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-348

cc: See next page

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PRESSURE-TEMPERATURE LIMITS REPORT (TAC NO. MC5068)

Dated: July 5, 2005

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Joseph M. Farley Nuclear Plant, Units 1 & 2

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