

Dave Morey
Vice President
Farley Project

**Southern Nuclear
Operating Company**
P.O. Box 1295
Birmingham, Alabama 35201
Tel 205.992.5131



January 28, 2000

Docket Nos.: 50-348
50-364

NEL-00-0020

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Joseph M. Farley Nuclear Plant
Review of NRC Staff Safety Evaluation Associated With Steam Generator
Replacement Technical Specifications Amendment Nos. 147 (Unit 1) and 138 (Unit 2)

Ladies and Gentlemen:

NRC letter dated December 29, 1999 (TAC Nos. MA4393 and MA4394) amended the Joseph M. Farley Nuclear Plant (FNP) Facility Operating Licenses and Improved Technical Specifications (ITS) to address changes associated with replacing the current Westinghouse Model 51 steam generators with Westinghouse Model 54F steam generators. Southern Nuclear Operating Company (SNC) has reviewed the NRC Staff Safety Evaluation associated with Amendment 147 to Facility Operating License No. NPF-2 and Amendment 138 to Facility Operating License No. NPF-8. As a result of this review, several clarifications of the NRC Staff's Safety Evaluation are necessary. The SNC proposed clarifications/changes are provided as an attachment to this letter.

Should you have any questions, please advise.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Dave Morey", is written over a horizontal line.

Dave Morey

CHM/maf: Letter-SER.doc

Attachment: Proposed Clarifications / Changes

A001

Page 2

U. S. Nuclear Regulatory Commission

cc: Southern Nuclear Operating Company
Mr. L. M. Stinson, General Manager – Farley

U. S. Nuclear Regulatory Commission, Washington, D. C.
Mr. L. M. Padovan, Licensing Project Manager – Farley

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. T. P. Johnson, Senior Resident Inspector – Farley

Attachment

**Joseph M. Farley Nuclear Plant
Review of NRC Staff Safety Evaluation Associated With Steam Generator
Replacement Technical Specifications Amendment Nos. 147 (Unit 1) and 138 (Unit 2)**

Proposed Clarifications / Changes

Attachment

**Joseph M. Farley Nuclear Plant
Review of NRC Staff Safety Evaluation Associated With Steam Generator
Replacement Technical Specifications Amendment Nos. 147 (Unit 1) and 138 (Unit 2)**

Proposed Clarifications / Changes

Number	Proposed Clarification/Change	Reason/Reference
1.	Attachment to License Amendment No. 138 (Unit 2), List of Changed Pages, Under the second <u>Remove</u> Column, it should read: "5.5-14*". The '4*' is missing.	Typographical error
2.	Attachment to License Amendment No. 138 (Unit 2), List of Changed Pages, Under the second <u>Insert</u> Column, it should read: " Delete " for page 5.5-19.	Typographical error
3.	SE (p. 6 - Section e., second sentence) should state: "... the Farley power uprate which was approved <i>in</i> the NRC's letter of April 29, 1998 (Ref. 14)."	Typographical error
4.	SE (p. 6 - Section (i), first paragraph, last sentence) should state: "... (PCT) calculation and the superposition <i>calculations</i> in establishing the Monte Carlo structure for the replacement SG final PCT calculations."	Typographical error
5.	SE (p. 9 – Section 2.0, eighth listed accident / transient) should state: "startup of an inactive RCL "	Typographical error
6.	SE (p. 10 – First full paragraph) should state: "TS LCO 3.4.7, "RCS Loops Mode 5, Loops Filled," currently specifies that the secondary side water level of at least two SGs shall be ≥ 74 percent wide range (WR). SNC has proposed to change the minimum SG water level to ≥ 75 percent WR. <i>ITS surveillance requirements 3.4.5.2, "RCS Loops Mode 3," require that SG secondary side water levels be verified every 12 hours for required RCS loops. SNC has proposed to change the required water level in the surveillance requirements from ≥ 28 percent narrow range (NR) to ≥ 30 percent NR.</i> In addition, ITS surveillance requirements 3.4.6.2, "RCS Loops Mode 4," and 3.4.7.2, "RCS Loops <i>Mode 5</i> , Loops Filled," require that SG secondary side water levels be verified every 12 hours for required RCS loops. SNC has proposed to change the required water level in the surveillance requirements from ≥ 74 percent WR to ≥ 75 percent WR consistent with the proposed limiting condition for operation." This approved Technical Specification and Bases pages accurately reflect the correct requirement.	Correction