

March 3, 2005

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

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE LICENSE RENEWAL OF
JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Stinson:

By letter dated September 12, 2003, Southern Nuclear Operating Company (SNC) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for the renewal of the Joseph M. Farley Nuclear Plant (FNP), Units 1 and 2, operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The NRC staff determined that the LRA was complete and acceptable for docketing on October 24, 2003. Since that time, the NRC staff has reviewed the FNP LRA, issued requests for additional information (RAIs), reviewed the applicant's responses to the staff's RAIs, developed a draft safety evaluation report (SER) dated October 15, 2004, and reviewed the applicant's comments on the draft SER. On the basis of this review, the staff has prepared the enclosed SER to document the findings of the safety review of the LRA and supporting documentation for FNP, Units 1 and 2.

If you have any questions regarding this matter, please contact the license renewal project manager, Ms. Tilda Liu, at 301-415-1315 or e-mail tyl1@nrc.gov.

Sincerely,

/RA/

Pao-Tsin Kuo, Program Director
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

Enclosure: As stated

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Joseph M. Farley Nuclear Plant

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