November 12, 1998

MEMORANDUM TO: Docket File

FROM: Jacob I. Zimmerman, Project Manager Original signed by:
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

SUBJECT: FARLEY NUCLEAR PLANT, UNIT 1 - PUTTING A DOCUMENT IN THE PUBLIC DOCUMENT ROOM

The attached message was faxed today to Mark Ajluni of Southern Nuclear Operating Company, Inc. (SNC). The purpose of the message is to prepare SNC personnel for a conference call. The message itself does not constitute a formal request for information or represent a formal NRC staff position.

Docket No. 50-348

Attachment: As stated

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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## Steam Generator Tube Inspection Results

Licensees' steam generator (SG) tube eddy current (EC) inspections play a vital role in the management of SG tube degradation. The results are used to demonstrate adequate structural and leakage integrity of the SG tubes.

NRC staff is interested in discussing the SNC's steam generator inspection plans and results, although you are not required to participate in this discussion. Typical areas of discussion include:

- Primary to secondary leakage prior to shutdown
- Results of secondary side hydro
- For each steam generator, a general description of areas examined; including expansion criteria and type of probe used in each area
- For analyzed EC results, a description of bobbin indications (those not examined with RPC (Rotating Pancake Coil)) and RPC/Plus Point/Cecco indications. Including the following information: location, number, degradation mode, disposition, and voltages/depths/lengths of most significant indications
- Description of repair/plugging plans
- Discussion of previous history; "look backs" performed; consideration of similar plants' experiences
- Discussion of new inspection findings, including loose parts indications
- Description of in-situ pressure test plans and results; include tube selection criteria, test pressure plans, test configuration
- Describe tube pull plans and preliminary results; include tube selection criteria and evaluation plans
- Assessment of tube integrity for previous operating cycle
- Assessment of tube integrity for next operating cycle
- Provide schedule for steam generator-related activities during remainder of current outage