

July 1, 2008

Mr. J. Randy Johnson
Vice President - Farley
Joseph M. Farley Nuclear Plant
7388 North State Highway 95
Columbia, AL 36319

SUBJECT: JOSEPH M. FARELY NUCLEAR PLANT, UNIT 2 – REQUEST FOR
ADDITIONAL INFORMATION REGARDING THE 2007 STEAM
GENERATOR TUBE INSERVICE INSPECTIONS DURING REFUELING
OUTAGE 18 (TAC NO. MD8695)

Dear Mr. Johnson:

By letter dated November 1, 2007 (Agencywide Document Access and Management System (ADAMS) Accession No. ML073050415), Southern Nuclear Operating Company (SNC, the licensee) submitted information summarizing the results of the 2007 steam generator (SG) tube inspections performed at Joseph M. Farley Nuclear Plant Unit 2 during refueling outage 18.

After reviewing the inspection report, the U.S. Nuclear Regulatory Commission staff determined that additional information is needed to complete the review. The attached enclosure identifies the requested information. Your attention and prompt response to this matter is requested.

Please contact me at 301-415-2728 with any questions.

Sincerely,

/RA/

R. A. Jervy, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-364

Enclosure:
RAI

cc w/encl: See next page

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ADAMS Accession No. ML081690830

OFFICE	NRR/LPL2-1/PM	NRR/LPD3-1/LA	NRR/LPL2-1/BC
NAME	RJervy	GLappert	MWong
DATE	6/24/08	6/24/08	7/1/08

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FARLEY NUCLEAR PLANT UNIT 2

SUMMARY OF THE STAFF'S REVIEW OF THE STEAM GENERATOR TUBE

INSERVICE INSPECTION REPORTS FOR REFUELING OUTAGE 18

TAC NO. MD8695

DOCKET NO. 50-364

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- 1) Regarding the scope of your inspection, please clarify the following:
 - a) Please discuss the nature of the tubes that "could not be examined full length."
 - b) It was indicated that 1 dent or ding in SG C had a bobbin voltage greater than or equal to 5 volts. Discuss whether the size of this indication has changed with time (or any other dent or ding indication). If so, please discuss the nature/reason for the change. Please refer to your letter dated December 17, 2004 (ADAMS Accession No. ML043570226).
 - c) Please discuss how many tubes have non-quantifiable signals and the nature of these indications. In addition, discuss the nature of the "history based indications." Are these indications manufacturing related (since no service induced indications have been reported)?
 - d) Please discuss the scope and results of any secondary side inspections. If any foreign objects were found during these inspections, discuss how they were detected (bobbin, rotating probe, visual) and whether they were removed from the steam generator. If the objects were not removed, please discuss whether an analysis was performed to ensure tube integrity would not be compromised for the period of time between planned inspections.
- 2) For each refueling outage and SG tube inspection outage since replacement of your SGs, please provide the cumulative effective full power months that the SGs have operated.

Enclosure

Joseph M. Farley Nuclear Plant, Units 1 & 2

cc:

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