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Southern Nuclear Operating Company

*the southern electric system*

Dave Morey  
Vice President  
Farley Project

November 6, 1996

Docket Nos.: 50-348  
50-364

10 CFR 50.90

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

Joseph M. Farley Nuclear Plant  
Elevated Tube Sheet Laser Welded Sleeve Technical Specification Amendment

Ladies and Gentlemen:

By letter dated August 23, 1996, Southern Nuclear requested approval of an elevated tube sheet laser welded sleeve technical specification amendment. As a result of recent steam generator inspections, changes to the August 23 submittal are required. Additionally, the NRC has requested additional information on the proposed change.

The August 23, 1996, submittal was based on prior approval of the L\* amendment. Response to an NRC question concerning inspection of L\* tubes has not been completed. Consequently, the elevated tubes sheet sleeve TS amendment will be approved before the L\* TS amendment. As a result, Enclosure 1 contains revised TS pages for the elevated tube sheet sleeve amendment.

In the technical basis of the August 23, 1996, submittal, a reference was made to Westinghouse letter NSD-JLH-6202, Summary of Farley LWS Lower Joint Development - TM & C Qualification /Testing, dated June 25, 1996. At the NRC Staff's request, a copy of that letter is included in Enclosure 2.

In 1992, WCAP-13115, Steam Generator Slewing Integration Report, was written to support use of an integrated sleeve (laser welded joint and hybrid expansion joint (HEJ) in the same sleeve) at Farley Nuclear Plant. Enclosure 3 contains proprietary (WCAP-13115) and non-proprietary (WCAP-13116) versions of the Steam Generator Slewing Integration Report.

As a result of recent Westinghouse experience in the installation of laser welded sleeves, several improvements in the installation of these sleeves have been identified. These improvements are documented in Westinghouse letter NSD-ST-96-388, J. M. Farley Units 1 and 2: Elevated Tubesheet Sleeve Qualification, dated November 5, 1996. Enclosure 4

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contains proprietary (NSD-ST-96-388) and non-proprietary (NSD-ST-96-391) versions of the J. M. Farley Units 1 and 2: Elevated Tubesheet Sleeve Qualification letter.

The proprietary information for which withholding is being requested in WCAF-13115 and Westinghouse letter NSD-ST-96-388 is further identified in affidavits CAW-96-1035 and CAW-96-1036 (Enclosure 5), signed by the owner of the proprietary information, Westinghouse Electric Corporation. The affidavit, which accompanies this letter, sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of 10CFR Section 2.790 of the Commission's regulations. Correspondence with respect to the proprietary aspects of the application for withholding or the Westinghouse affidavit should reference CAW-96-1035 and CAW-96-1036 and should be addressed to Nicholas J. Liparulo, Manager, Nuclear Safety Regulatory & Licensing Activities.

The conclusions reached in the 10CFR50.92 Significant Hazards Evaluation forwarded with the August 23, 1996, submittal are not changed by this letter and remain valid.

If you have any questions, please advise.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

*Dave Morey*  
Dave Morey

Sworn to and subscribed before me this 6 day of November 1996

*Daniel Henderson*  
Notary Public

My Commission Expires: August 29, 2000

REM/maf:ETSSUPP.DOC

- cc: Mr. S. D. Ebner, Region II Administrator
- Mr. J. I. Zimmerman, NRR Project Manager
- Mr. T. M. Ross, Plant Sr. Resident Inspector
- Mr. T. A. Reed, NRR - Materials and Chemical Engineering Branch
- Dr. D. E. Williamson, State Department of Public Health

(Enclosures: Next page)

Enclosures:

1. Revised Technical Specification Pages
2. Westinghouse letter NSD-JLH-6202, Summary of Farley LWS Lower Joint Development - TM & C Qualification /Testing, dated June 25, 1996
3. Steam Generator Slewing Integration Report, WCAPs 13115 and 13116
4. J. M. Farley Units 1 and 2: Elevated Tubesheet Sleeve Qualification, Westinghouse letters NSD-ST-96-388 and NSD-ST-96-391 dated November 5, 1996
5. Proprietary Affidavit CAW-96-1035 concerning Westinghouse letters NSD-ST-96-388 and Proprietary Affidavit CAW-96-1036 concerning WCAP-13115

Enclosure 5

Proprietary Affidavit CAW-96-1035  
concerning Westinghouse letters NSD-ST-96-388  
and  
Proprietary Affidavit CAW-96-1036  
concerning WCAP-13115