

Charles R. Pierce
Regulatory Affairs Director

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AUG 28 2015



Docket Nos.: 50-364

NL-15-1631

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

Joseph M. Farley Nuclear Plant, Unit 2
Response to Request for Additional Information for 2R23
Steam Generator Tube Inspection Report (TAC No. MF6207)

Ladies and Gentlemen:

By letter dated May 11, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML15131A333), Southern Nuclear Operating Company, Inc. (SNC) submitted a steam generator tube inspection report performed during the twenty-third refueling outage (2R23) at Joseph M. Farley Nuclear Plant (FNP), Unit 2. The Nuclear Regulatory Commission (NRC) issued a request for additional information via a letter dated July 31, 2015 (ADAMS Accession Number ML15209A878). The enclosure to this letter contains the SNC responses to that request.

This letter contains no NRC commitments. If you have any questions, please contact Ken McElroy at (205) 992-7369.

Mr. C. R. Pierce states he is Regulatory Affairs Director of Southern Nuclear Operating Company, is authorized to execute this oath on behalf of Southern Nuclear Operating Company and, to the best of his knowledge and belief, the facts set forth in this letter are true.

Sincerely,

C.R. Pierce
Regulatory Affairs Director
CRP/JMC



Sworn to and subscribed before me this 28th day of August, 2015.

Notary Public

My commission expires: 1-2-2018

Enclosure: SNC Response to Request for Additional Information for
FNP 2R23 Steam Generator Tube Inspection Report

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Ms. C. A. Gayheart, Vice President – Farley
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. B. J. Adams, Vice President – Engineering
Ms. B. L. Taylor, Regulatory Affairs Manager - Farley
RTYPE: CFA04.054

U. S. Nuclear Regulatory Commission
Mr. V. M. McCree, Regional Administrator
Mr. L. D. Wert, Regional Administrator (Acting)
Mr. S. A. Williams, NRR Project Manager - Farley
Mr. P. K. Niebaum, Senior Resident Inspector - Farley

Joseph M. Farley Nuclear Plant, Unit 2
Response to Request for Additional Information for 2R23
Steam Generator Tube Inspection Report (TAC No. MF6207)

Enclosure

SNC Response to Request for Additional Information for
FNP 2R23 Steam Generator Tube Inspection Report

Enclosure to NL-15-1631
SNC Response to Request for Additional Information for
FNP 2R23 Steam Generator Tube Inspection Report

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NRC RAI No. 1

Please discuss the results of the channel head inspections.

SNC Response to RAI No. 1

A visual inspection of the steam generator channel head bowl was performed in all steam generators during FNP 2R23. Visual inspections of the steam generator hot leg and cold leg divider plates and drain lines were performed, inclusive of the entire divider plate to channel head weld and all visible clad surfaces. No degradation was observed in the channel heads of all three steam generators.

NRC RAI No. 2

With regards to the steam drum and feeding inspections, it is stated that "there were no structural anomalies." Was any degradation observed?

SNC Response to RAI No. 2

The steam drum and feeding were inspected for structural integrity, degradation, excessive deposits, flow accelerated corrosion, erosion, blockage, and overall condition. There were no structural anomalies and no degradation was observed in any of the steam drum and feeding components.

NRC RAI No. 3

Please clarify the scope of your bobbin exams and your +Point™ exams of the U-bend region of rows 1 and 2. Specifically, were all tubes that were not inspected in RFO 21 inspected in RFO 23 or were 50 percent of the tubes that were not inspected in RFO 21 inspected in RFO 23?

SNC Response to RAI No. 3

All tubes that were not inspected during the twenty-first refueling outage (2R21) were inspected during 2R23 such that all tubes were inspected in the combined two inspection cycles 2R21 and 2R23.