



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

February 24, 2015

Mr. Dean Curtland, Site Vice President
c/o Michael Ossing
Seabrook Station
NextEra Energy Seabrook, LLC
P.O. Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION, UNIT 1 - REQUEST FOR ADDITIONAL INFORMATION
FOR THE SPRING 2014 STEAM GENERATOR TUBE INSPECTIONS
(TAC NO. MF5075)

Dear Mr. Curtland:

By letter dated October 14, 2014 (Agencywide Documents Access and Management System Accession No. ML14297A090), NextEra Energy Seabrook, LLC submitted information summarizing the results of the spring 2014 steam generator tube inspections performed at Seabrook Station, Unit 1. These inspections were performed during refueling outage 16.

The U.S. Nuclear Regulatory Commission staff has determined that additional information is necessary to complete its review. The request for additional information is enclosed. The licensee agreed to provide answers to the request for additional information within 60 days of the date of this letter.

If you have questions, you can contact me at 301-415-3100 or at John.Lamb@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "John G. Lamb".

John G. Lamb, Senior Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure:
Request for Additional Information

cc w/ enclosure: Distribution via ListServ

REQUEST FOR ADDITIONAL INFORMATION
SPRING 2014 STEAM GENERATOR TUBE INSPECTIONS
NEXTERA ENERGY SEABROOK, LLC.
SEABROOK STATION, UNIT 1
DOCKET NO. 50-443

By letter dated October 14, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14297A090), NextEra Energy Seabrook, LLC (NextEra or the licensee) submitted information summarizing the results of the spring 2014 steam generator (SG) tube inspections performed at Seabrook Station, Unit 1 (Seabrook). These inspections were performed during refueling outage 16 (RFO 16).

In order to complete its review, the U.S. Nuclear Regulatory Commission (NRC) staff requests the following additional information:

1. Please confirm that no inspections were performed in the U-bend region of the row 1 and 2 tubes except those that may have been performed as a result of the inspection of dents and dings.
2. In Table 2, please confirm that the number of indications includes pre-existing and new indications. Since only a sampling inspection was performed in SGs A, C, and D, please discuss whether the number of indications is a fair representation of the total population of tube wear (i.e., were all tubes with previously detected wear indications inspected during this outage).
3. Please discuss the cause of the indication in row 1, column 11 in SG A. Is this degradation a result of the sludge lance rail equipment? Does the location 1C-1.68-inches equate to approximately 18-inches above the tubesheet?
4. Please clarify which indications have wear as a result of pressure pulse cleaning. If not provided, please provide the location, orientation (if linear), and measured sizes (if available) of these service-induced indications.
5. Please clarify the SG in which the bulge is located in row 5, column 89 (refer to Table 5). In comparing this report to prior reports, it looks like several new bulges were reported when compared to the prior report (ADAMS Accession No. ML13008A160). Please discuss the nature of these new bulges. Also, several bulges were reported in RFO 15, but were not reported in RFO 16. Please discuss why these bulges were no longer reported.
6. In the inspection report regarding RFO 14 (ADAMS Accession No. ML11266A008), an indication was reported in the tube located in row 55, column 70 in SG A. This indication

Enclosure

was not reported in RFO 15 and 16. Please discuss why this indication was no longer recorded/reported.

7. During RFO 15, reference was made to tube supports 6 and 7. Are these two tube supports the uppermost 2 tube support plates (since your naming convention appears to have changed since prior reports)?

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Sincerely,

/RA/

John G. Lamb, Senior Project Manager
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ADAMS Accession No.: ML15043A221

*via email **via memo

OFFICE	LPL1-2/PM	LPL1-2/LA*	ESGB/BC*	LPL1-2/BC	LPL1-2/PM
NAME	JLamb	ABaxter	GKulesa	JWhited for DBroaddus	JLamb
DATE	02/11/15	02/23/15	02/09/15	02/13/15	02/24/15

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