



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

February 7, 2012

Mr. Paul Freeman
Site Vice President
c/o Michael O'Keefe
Seabrook Station
NextEra Energy Seabrook, LLC
P.O. Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION, UNIT 1 - REQUEST FOR ADDITIONAL INFORMATION
REGARDING THE 2011 STEAM GENERATOR TUBE INSPECTIONS
(TAC NO. ME7207)

Dear Mr. Freeman:

By letter dated September 19, 2011, (Agencywide Documents Access and Management System Accession Number ML11266A008), NextEra Energy Seabrook, LLC (the licensee) submitted information summarizing the results of the 2011 steam generator tube inspections at Seabrook Station, Unit 1 (Seabrook). These inspections were performed during the fourteenth refueling outage.

The U.S. Nuclear Regulatory Commission (NRC) staff's request for additional information (RAI) is enclosed. A draft of these questions was previously sent, via email on January 31, 2012 (ADAMS Accession No. ML120310407), to Mr. Paul Willoughby of your staff, to ensure that the licensee understood the questions and their regulatory basis, and to verify that the information was not on the docket. Mr. Willoughby agreed that NextEra would respond to the RAI within 30 days of the date of this letter.

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

Sincerely,

A handwritten signature in black ink, appearing to read "John G. Lamb", written over a horizontal line.

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/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

2011 STEAM GENERATOR TUBE INSPECTIONS

NEXTERA ENERGY SEABROOK, LLC

SEABROOK STATION, UNIT 1

DOCKET NUMBER: 50-443

By letter dated September 19, 2011, (Agencywide Documents Access and Management System Accession Number ML11266A008), NextEra Energy Seabrook, LLC (the licensee) submitted information summarizing the results of the 2011 steam generator (SG) tube inspections at Seabrook Station, Unit 1 (Seabrook). These inspections were performed during refueling outage (RFO) 14. In order to complete its review, the U.S. Nuclear Regulatory Commission (NRC) staff requests the following additional information:

1. Page 1, Section 1 – Please clarify whether the indication of axial outside diameter (OD) stress-corrosion cracking (SCC) detected in 2009 was both in and below the expansion transition region, or just below the expansion transition region.
2. Page 1, Section 2 – Please clarify whether the 100-percent inspection of previously reported wear indications included all wear indications (and these were examined from 3-inches above the wear scar to 3-inches below the wear scar) or whether it just included previously reported wear indications located from 3-inches above the top of the tubesheet to 3-inches below the top of the tubesheet.
3. Page 4 – Please clarify the difference between the codes NR and INR referenced in Table 2, which presumably stand for “not reportable” and “indication not reportable,” respectively.
4. Page 4, Table 2 – Please discuss whether all locations where potential loose part signals were detected were inspected visually to confirm the presence of a loose part. Please clarify when the NDD [no detectable degradation] and INR [indication not reportable] codes are used for dispositioning a location where a previous PLP [possible loose part] call was made (SG B, row 3, column 104 and SG C, row 40, column 92).
5. Page 5, Section 7 – Please clarify what is meant by the statement that OD and primary water SCC are not of concern for operation until RFO 15.
6. Page 6 – Please confirm that the foreign object referenced in the last sentence is the same metal nail that is referenced on page 3. If it is not, please clarify the history of the foreign object on page 6.

Enclosure

February 7, 2012

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/ra/

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

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ADAMS Accession No.: ML120320381

***via memorandum **via email**

OFFICE	LPL1-2/PM	LPL1-2/LA	ESGB/BC	LPL1-2/BC	LPL1-2/PM
NAME	Jlamb	ABaxter ** w/comment	GKulesa*	MKhanna	JLamb
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