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

June 13, 2022

LICENSEE: NEXTERA ENERGY SEABROOK, LLC

FACILITIES: SEABROOK STATION, UNIT NO. 1

SUBJECT: SUMMARY OF FEBRUARY 23, 2022, MEETING WITH NEXTERA ENERGY SEABROOK, LLC REGARDING PLANNED SUBMITTAL OF LICENSE AMENDMENT REQUEST TO UPDATE PRESSURE-TEMPERATURE LIMITS CURVES PERIOD OF APPLICABILITY (EPID L-2022-LRM-0016)

On February 23, 2022, an Observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of NextEra Energy Seabrook, LLC (the licensee) via webinar. The purpose of the meeting was to discuss the licensee's plan to submit a license amendment request to revise the reactor coolant system pressure temperature limit (PTL) curves of Technical Specification (TS) 3.4.9. to reflect the reduced period of applicability from 55 effective full power years (EFPY) to 52.6 EFPY at Seabrook Station, Unit No. 1. The meeting notice and agenda, dated February 9, 2022, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML22040A212. A list of attendees is provided as an Enclosure.

The licensee's slide presentation is available in ADAMS at Accession No. ML22146A347. In the meeting, the licensee discussed how they intend to submit a license amendment request for Seabrook to update the PTL curves found in TS 3.4.9.1 (Figures 3.4-2 and Figures 3.4-3) and TS 3.4.9.3 (Figure 3.4-4) to reflect a reduced period of applicability from 55 EFPY to 52.6 EFPY, as a result from higher reactor vessel fluence projections following removal of capsule X in 2020. The licensee stated that on September 30, 2021 (ML21277A388), it had submitted WCAP-18607-NP, *Analysis of Capsule X from the NextEra Energy Seabrook Unit 1 Reactor Vessel Radiation Surveillance Program*, which projected that at 55 EFPY the peak clad/base metal fluence would be 3.19×10^{19} n/cm^2, which is slightly higher than the 3.05×10^{19} n/cm^2 used to create the current PTL curves in the TS, per WCAP-17441-NP, *Seabrook Unit 1 Heatup and Cooldown Limit Curves for Normal Operations*. The licensee stated that it is submitting this license amendment request to address the non-conservative TS per Regulatory Guide 1.239, *Licensee Actions to Address Nonconservative Technical Specifications*. The licensee asked whether the NRC staff would handle this as an administrative change to the TS. The NRC staff stated that a technical review would be required to validate the licensee's new proposed limit.

No members of the public were in attendance. No Public Meeting Feedback Forms were received.

Please direct any inquiries to me at 301-415-2048, or via email at Justin.Poole@nrc.gov.

/RA/

Justin C. Poole, Project Manager
Plant Licensing Branch I
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure:
List of Attendees

cc: Listserv

LIST OF ATTENDEES

FEBRUARY 23, 2022, MEETING WITH NEXTERA ENERGY/FLORIDA POWER & LIGHT

PTL CURVE LICENSE AMENDMENT REQUEST

NRC Participants:

- Justin Poole, Project Manager
- John Tsao, Senior Materials Engineer
- Dan Widrevitz, Materials Engineer
- Jeremy Dean, Senior Nuclear Engineer
- Santosh Bhatt, Nuclear Engineer

NextEra Energy/FPL Participants:

- Jarrett Mack
- Steve Catron

Public:
None

Enclosure

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ADAMS Accession Nos.:
Package: ML22146A340
Meeting Slides: ML22146A347
Meeting Notice: ML22040A212
Meeting Summary: ML22146A342

OFFICE	NRR/DORL/LPL1/PM	NRR/DORL/LPL1/LA	NRR/DORL/LPL1/BC	NRR/DORL/LPL1/PM
NAME	JPoole	KZeleznock	JDanna	JPoole
DATE	05/23/2022	05/27/2022	06/13/2022	06/13/2022

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