



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

March 21, 2019

LICENSEE: NextEra Energy Seabrook, LLC

FACILITY: Seabrook Station, Unit No. 1

SUBJECT: SUMMARY OF MARCH 11, 2019, MEETING WITH NEXTERA ENERGY SEABROOK, LLC ON PROPOSED RELIEF REQUESTS FOR THE CONTAINMENT SPRAY SYSTEM FOR THE SEABROOK STATION, UNIT NO. 1

On March 11, 2019, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of NextEra Energy Seabrook, LLC (NextEra) by teleconference. The purpose of the meeting was to discuss NextEra's plans to submit two relief requests related to the containment spray system for the Seabrook Station, Unit No. 1 (Seabrook). The meeting notice and agenda, dated February 28, 2019, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML19059A388. A list of attendees is enclosed with this meeting summary.

The licensee described its plans to submit two relief requests related to the containment spray system to the NRC by the end of March 2019. The first request would be seeking relief from the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (OM Code), Appendix V, to perform a periodic verification flow test of the containment spray system. NextEra stated that its recirculation lines do not allow for full flow testing and would require significant modification within containment to provide adequate piping pathways for the flow. NextEra said the comprehensive pump tests it currently does at 68 percent of pump design flow adequately tests the pumps. NextEra pointed out this request would be a variation to a relief request previously granted to Seabrook on June 11, 2010 (ADAMS Accession No. ML101380192), regarding full-flow testing of the containment spray system.

The second request would be seeking relief from the ASME OM Code vibration requirements. On June 3, 2010 (ADAMS Accession No. ML101380166), Seabrook was approved to increase the vibration alert range absolute limit from 0.325 inches per second (ips) to 0.350 ips. NextEra said this second proposed request would request to extend the limit to 0.40 ips. NextEra claimed it has operational data to show that the pumps can operate safely up to this limit. NextEra also stated that the vendor did an analysis to show the pumps can operate safely up to this limit as well.

During NextEra's discussion of the first request, the NRC staff commented that NextEra should review NUREG-1482, Revision 2, "Guidelines for Inservice Testing at Nuclear Power Plants: Inservice Testing of Pumps and Valves and Inservice Examination and Testing of Dynamic Restraints (Snubbers) at Nuclear Power Plants – Final Report (ADAMS Accession No. ML13295A020), Section 5.10, "Alternative to ASME OM Code Comprehensive Pump Testing Requirements," and recommended that Seabrook's application address the seven guidelines NUREG-1482 contains for these types of relief requests.

Regarding the first request, the NRC staff asked under which provision of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.55a "Codes and standards," NextEra would be seeking relief. NextEra stated that it was planning to submit the request under 10 CFR 50.55a(z)(1). The NRC staff recommended that NextEra review the Office of Nuclear Reactor Regulation Office Instruction LIC-102, "Relief Request Reviews" (ADAMS Accession No. ML091380595), as to whether it might be more appropriate for the application to be submitted under another section of the 10 CFR Part 50 (i.e., 10 CFR 50.55a(f)(5)).

NextEra said it would take the NRC staff's recommendations into consideration as it finalizes the submittals.

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 Justin.Poole@nrc.gov.



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

MARCH 11, 2019, MEETING WITH NEXTERA ENERGY SEABROOK, LLC

PROPOSED RELIEF REQUEST ON CONTAINMENT SPRAY SYSTEM

FOR THE SEABROOK STATION, UNIT NO. 1

NRC Participants

- Justin Poole, Project Manager, Office of Nuclear Reactor Regulations (NRR)/Division of Operating Reactor Licensing/Plant Licensing Branch I
- Robert Wolfgang, Senior Mechanical Engineer, NRR/Division of Engineering (DE)/Mechanical Engineering and Inservice Testing Branch (EMIB)
- Aaron Mink, Mechanical Engineer, NRR/DE/EMIB

NextEra Participants

- Steve Catron, Fleet Licensing
- Jarrett Mack, Fleet Licensing
- Gary Kilby, Fleet Licensing
- Tom Ruiz, Fleet Engineering
- Tim Couture, Fleet Engineering
- Kenneth Browne, Seabrook Licensing
- Christine Thomas, Seabrook Licensing
- Brian O'Callahan, Seabrook Engineering
- James Crowley, Seabrook Engineering

SUBJECT: SUMMARY OF MARCH 11, 2019, MEETING WITH NEXTERA ENERGY SEABROOK, LLC ON PROPOSED RELIEF REQUESTS FOR THE CONTAINMENT SPRAY SYSTEM FOR THE SEABROOK STATION, UNIT NO. 1 DATED MARCH 21, 2019

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NAME	JPoole	LRonewicz	JDanna	JPoole
DATE	03/19/2019	03/15/2019	03/20/2019	03/21/2019

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