

SeabrookLANPEm Resource

From: Tran, Tam
Sent: Thursday, May 26, 2016 1:50 PM
To: 'Ossing, Michael'; Edward.Carley@nexteraenergy.com
Cc: James, Lois; Mitchell, Jeffrey; Poole, Justin
Subject: Status of Seabrook ROD - your question
Attachments: ASR April 28 public meeting summary.docx

Mike and Ed, FYI

You have a question in wanting to know more about the status of the Seabrook ROD and the implication of the Commission order on Indian Point. Lois will be on the Wednesday call, next week, and will have information regarding your questions. I will be on travel and will not be on the call.

Also, attached is the meeting summary for the April 28 meeting. Please let me know if you have any questions or comments. Thanks/Tam.

Hearing Identifier: Seabrook_LA_NonPublic
Email Number: 222

Mail Envelope Properties (0c0f276308ad44d9b1bfec518e585e2b)

Subject: Status of Seabrook ROD - your question
Sent Date: 5/26/2016 1:49:32 PM
Received Date: 5/26/2016 1:49:33 PM
From: Tran, Tam

Created By: Tam.Tran@nrc.gov

Recipients:

"James, Lois" <Lois.James@nrc.gov>
Tracking Status: None
"Mitchell, Jeffrey" <>
Tracking Status: None
"Poole, Justin" <Justin.Poole@nrc.gov>
Tracking Status: None
"Ossing, Michael" <Michael.Ossing@nexteraenergy.com>
Tracking Status: None
"Edward.Carley@nexteraenergy.com" <Edward.Carley@nexteraenergy.com>
Tracking Status: None

Post Office: HQPWMSMRS04.nrc.gov

Files	Size	Date & Time
MESSAGE	448	5/26/2016 1:49:33 PM
ASR April 28 public meeting summary.docx		36551

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

April 28, 2016

U.S. Nuclear Regulatory Commission Public Meeting Summary

Title: Public Meeting with NextEra Energy Seabrook, LLC Regarding the Issuance of Alkali-Silica Reaction Related Requests (Needs) for Additional Information for the License Renewal of Seabrook Station, Unit 1.

Meeting Identifier: 20160552

Date of Meeting: Thursday, April 28, 2016

Location: NRC One White Flint North, Room T-8E8
11555 Rockville Pike
Rockville, MD

Type of Meeting: Category 1

Purpose of the Meeting(s):

The purpose of this public meeting is for NextEra Energy Seabrook, LLC (NextEra) to discuss with U.S. Nuclear Regulatory Commission (NRC) staff about (a) the staff's request (need) for information (RAI) and (b) NextEra's plan for response to the staff's need for information and the completion of the licensing action for Seabrook Station (Seabrook) license renewal.

General Details:

The U.S. Nuclear Regulatory Commission (NRC) held a meeting on January 19, 2016, from 9:00 a.m. - 12:00 a.m. EST. The meetings began with an introduction, a review of meeting ground rules for category 1 meeting, and introductions of all in attendance. Jane Marshall, Deputy Director of Division of License Renewal, provided the opening remarks emphasizing the importance of the meeting outcome for clear technical understanding between the applicant and the staff regarding the ASR issues and path forward.

NextEra and the staff engaged in technical discussion regarding the staff concerns and the SER open item regarding ASR monitoring AMP path forward as presented by NextEra. Following the discussion, the meeting was opened for the public to interact with NRC staff.

Approximately 27 people participated in the meeting. No members of the public attended the meeting or participated in the call-in line (i.e., self-identified in the call-in line). Meeting participants included representatives from NextEra Energy Seabrook, LLC, NextEra corporate, MPR Associates, and NRC staff.

Summary of Presentation (Meeting):

The NRC Project Manager for the license renewal review of the Seabrook license renewal application provided a brief overview of the generic license renewal review process, the current status of the review for Seabrook, and the open item related to Alkali Silica Reaction (ASR). NextEra then presented their prepared slides (relative to

the staff safety concerns and issues), as provided in the attachment. Significant technical points of discussion are listed below:

- NextEra stated that all MPR/University of Texas (UT) test programs are completed, and Owner's Acceptance Review of the test reports is in progress.
- NextEra stated that while Seabrook-specific research performed by UT was complete, the AMP would be updated [include provisions to evaluate and incorporate impact of applicable future research data on adequacy of the AMP](#) as operating experience as it becomes available. NextEra also stated that the ASR Aging Management Program (AMP) will be submitted as complete once UT research results are integrated, and it is not dependent upon ongoing industry research. NextEra agreed to provide a thorough description [as a commitment](#) in the final safety analysis report (FSAR) supplement and the AMP operating experience section, of how [applicable](#) future research would be incorporated into the program.
- NextEra agreed to include within the AMP a plan to provide in-plant corroboration [of the methodology in MPR-4153 to correlate large-scale test results with performance of ASR-affected Seabrook structures](#), with a description of the methodology used.
- The staff requested clarification whether misaligned [or distorted](#) equipment is the parameter monitored to provide indications that cracking is occurring that leads to building deformation. NextEra stated that misaligned [or distorted](#) equipment is only [used as indicator](#), and that that actual parameters monitored in accordance with the AMP are [on](#) the structures themselves, via measurements from combined cracking indexing, extensometers, etc. NextEra agreed to clearly indicate in the AMP what parameters will be monitored [and make a clear distinction between structural and non-structural components](#)
- The staff stated that it expects the methodology derived from the Texas testing for use in the ASR AMP will be validated ([corroborated](#)) with [data and observations obtained from Seabrook structures](#).
- The [staff expects](#) that in the revised ASR AMP, the data will be presented with descriptions that are self-[explanatory](#) relative to either (a) [micro-cracking](#) or (b) [global manifestations \(macro-cracking, building deformation\)](#), to avoid seemingly inconsistency in technical descriptions.
- [The applicant stated that it understands the staff's needs for further information to make a reasonable assurance determination on the ASR open item in the license renewal application review \(i.e., compelling explanation\)](#).

Public Participation Themes:

There was no comment or question during the public interaction period. No members of the public attended the meeting or participated in the call-in line.

Next Step:

The NextEra plans to have a license amendment request pre-application meeting on ASR during the month of June 2016. NextEra plans to submit the revised ASR [Monitoring](#) Aging Management Program in July 2016.

Attachments:

- Meeting description and agenda – ML16109A004
- Attendance List – MLxxxxxx
- Seabrook presentation – MLxxxxx

Public Participation Themes:

There was no comment or question during the public interaction period. No members of the public attended the meeting or participated in the call-in line.

Next Step:

The NextEra plans to have a license amendment request pre-application meeting on ASR during the month of June 2016. NextEra plans to submit the revised ASR Aging Management Program in July 2016.

Attachments:

- o Meeting description and agenda – ML16109A004
- o Attendance List – MLxxxxxx
- o Seabrook presentation – MLxxxxxx

ADAMS Accession No.: MLXXXXXX

***concurred via email**

OFFICE	LA:RPB:DLR	PM:RPB1:DLR	RASB:DLR	OGC	BC:RPB1:DLR
NAME	IBetts	TTran/JMitchell	B.Wittick	M.Ring	YDiaz-Sanabria
DATE	/ /2016	/ /2016			/ /2016

OFFICE RECORD COPY

DISTRIBUTION:

Listserv

Lois James	U.S. Nuclear Regulatory Commission (NRC)
Yaira Diaz-Sanabria	NRC
Brian Wittick	NRC
George Thomas	NRC
Angela Buford	NRC
Justin Poole	NRC
Fred Bower	NRC
Matt Ring	NRC
Jenny Weil	NRC
Larry Nicholson	NextEra Energy Seabrook, LLC (Seabrook)
Michael Ossing	Seabrook
Edward Carley	Seabrook
Ken Brown	Seabrook
Brian Brown	Seabrook