
From: Bower, Fred
Sent: Tuesday, August 16, 2016 3:30 PM
To: Deborah Grinnell; Debbie Grinnell (C-10) - debbie@c-10.org
Cc: Buford, Angela; Poole, Justin; Bower, Fred; Sandra Gavutis; Sandra Gavutis - (Info@C-10.org)
Subject: RE: C-10 request to the NRC on the June 15, 2016 Cat 1 meeting to send me the NRC questions to NextEra
Attachments: FW: NextEra/NRC public meeting ?? [2016-SST-0548]; RE: Re: C-10 request to the NRC on the June 15, 2016 Cat 1 meeting to send me the NRC questions to NextEra

Subject: NextEra – Seabrook ASR-Related Questions **[2016-SST-0548]**

Dear Ms. Grinnell,

Ms. Angela Buford forwarded me your email to her dated August 4, 2016, and I am writing to acknowledge its receipt. You also attached a summary of a June 15, 2016, "Pre-Submittal Meeting with NextEra Energy Regarding Proposed License Amendment Request on Alkali Silica Reaction" dated July 29, 2016 (ML16204A261). You sent Ms. Buford clarifying emails on August 11, 2016. Your emails have been entered into ADAMS and will become public documents (ML16224A220 and ML16228A016) shortly. Once public, your incoming email can be located by searching for accession number (ML#) at the following internet address: <http://www.nrc.gov/reading-rm/adams.html>.

I am also aware that Mr. Justin Poole sent you an email (ML16221A003) on August 5, 2016, responding to your voicemail questions to him. The questions to Mr. Poole were similar the questions that you posed to Ms. Buford on August 4, 2016. After reviewing all of these emails, I believe that the email responses from Ms. Buford to you dated August 10 and 11, 2016, effectively answered your questions (ML16228A016). Subsequently, Mr. George Thomas also responded to similar questions on August 15, 2016 (attached).

We appreciate your questions. In addition to the above, please note that the June 15, 2016, public meeting was publically noticed (ML16153A279) as a Category 1 meeting where the public was invited to observe and were provided one or more opportunities to communicate with the NRC staff after the business portion of the meeting but before the meeting was adjourned. An NRC staff point of contact was provided in the meeting notice so that interested stakeholders could obtain information to participate in person or by phone. This meeting followed the agenda in the meeting notice and as Ms. Buford indicated in her email, the NRC staff spontaneously asked clarifying questions during NextEra's presentation. The June 15 meeting was conducted consistent with the Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings" (67 Federal Register 36920, May 28, 2002) that was referenced on the meeting notice. This policy statement may be found on the NRC website at the following web address: <http://www.nrc.gov/reading-rm/doc-collections/commission/policy/67fr36920.html>.

Additionally, you may be interested to know that, on Aug. 1, 2016, NextEra submitted a license amendment request (LAR) to revise the licensing basis of the current operating license. NextEra has requested approval of a methodology to analyze seismic Category I concrete structures affected by

ASR. This application is currently under NRC staff review and can be access from the following web address: <http://www.nrc.gov/reactors/operating/ops-experience/concrete-degradation.html#licensing>

Should you have further questions, please email them to Mr. Justin Poole (NRC staff contact for this meeting) and me. As I have communicated previously (ML16211A075), I have been compiling, into one list, questions received from you in emails to NRC staff since June 2016. I continue to coordinate with staff in the NRC's Region I and Headquarters offices in an effort to provide you with a consolidated response.

We will respond to your list questions when we are able. In addition to responding to you directly, we plan to file this email and our consolidated response to you in ADAMS and make it publically available.

Thank you for the opportunity to respond. I trust this is fully responsive to your questions.

Sincerely,

Fred Bower

USNRC Region I Branch Chief with Oversight Responsibility for Salem, Hope Creek and Seabrook
| 2100 Renaissance Boulevard, STE 100, King of Prussia, PA 19406 |

From: Deborah Grinnell [mailto:grinnelldebbie2@gmail.com]

Sent: Monday, August 15, 2016 11:49 AM

To: Buford, Angela <Angela.Buford@nrc.gov>; Bower, Fred <Fred.Bower@nrc.gov>

Subject: [External_Sender] C-10 request to the NRC on the June 15, 2016 Cat 1 meeting to send me the NRC questions to NextEra

Hello Angie and Fred,

To be clear. Below is the purpose of the June 15 2016 NextEra and NRC Cat 1 meeting in the NRC notice.

"The purpose of this meeting is for NextEra Energy to present to the NRC staff its plan for a license amendment request regarding revising the licensing basis for Alkali-Silica Reaction at the Seabrook Station, Unit No. 1. "

Below is the copy of the NRC letter on page 2. It states what the NRC requested questions to NextEra to answer to the NRC. . I asked you to see me the list of NRC questions your NRC staff asked NextEra staff to answer. I have requested that you send C-10 the list of NRC questions. We also want the NextEra answers to your questions when you receive them

The NRC staff had a number of questions on the modeling techniques NextEra would be using to refine its calculations for the different stages. The NRC staff stated that this would be an important portion of its review. NextEra acknowledged the NRC staff's concerns.

The licensee then went on to describe its ASR monitoring program. NextEra stated that the monitoring program will ensure that the expansion work at the plant is bounded by the limits established from the test program. The licensee will update its Structural Monitoring Program (SMP) with new monitoring requirements. NextEra then described the latest expansion of the program, including actions taken and proposed criteria (slide 27 of the licensee's presentation). The NRC staff asked whether the SMP or at least the new monitoring criteria for ASR would be included in the submittal. NextEra said that was not its intention but would take this into consideration.

During the meeting, the NRC staff asked if the submittal would address the effect of ASR on concrete material properties and whether the information would be included as part of the submittal. The NRC staff also asked questions related to NextEra implementing its methodology for addressing information (i.e., have any evaluations been completed for any of the evaluations, what is the timeline for completing all of the evaluations, and will any evaluations be included as part of the submittal, or at least completed prior to the submittal). NextEra acknowledged the NRC staff concerns and will consider them in preparing the final document.

Members of the public were in attendance but no comments were made. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 201-415-2048 or by e-mail to Justin.Foote@nrc.gov.

JFM
Justin C. Foote, Project Manager
Plant Licensing Branch 1-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure

List of Attendees

cc w/enclosure: Distribution via Listserv

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ADAMS Accession No.	MS-RESEARCH	Meeting Notes	MS-11121213	Enclosure	MS-11121213
10446	1-Phase	1-Enclosure	1-Enclosure	1-Phase	1-Phase
10447	1-Phase	1-Enclosure	1-Enclosure	1-Phase	1-Phase

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Thank you,

Debbie

Docket No. 50-443

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List of Attendees

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TTran, NRR
FBower, RI

BCook, RI JBowen, OEDO

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The NRC staff had a number of questions on the modeling techniques NextEra would be using to ref

On Aug 11, 2016, at 11:48 AM, Buford, Angela <Angela.Buford@nrc.gov> wrote:

I forwarded your previous email to Fred Bower so that he can consider whether to include a formal response to this question in the letter he is planning to send you responding to all of your other questions, but the short answer is: I don't have knowledge that the NRC had a "list" of questions. NextEra was presenting, and the NRC participants peppered the applicant with clarifying questions during and after they presented their slides (see the "public meetings" section on the Seabrook ASR Public Webpage <http://www.nrc.gov/reactors/operating/ops-experience/concrete-degradation.html#mtgs>.) If you want to be ensured to have the specifics of any public meeting, we encourage you to call in to public meetings – we always give notice and a way to observe – and that ensures that you are privy to the specifics of public meetings that are not transcribed.

I will forward the email below, as you corrected it, to Fred Bower since he has NRC Oversight of Seabrook. Also, I plan to continue to allow your questions to be responded to by the NRC through the proper channel of the Region I Office since they oversee Seabrook, and I provide them engineering support from Headquarters.

Thank you!

Angie