

Turilin, Andrey

From: Thomas, George - *NR*
Sent: Friday, October 21, 2011 9:28 AM
To: Raymond, William
Cc: Burritt, Arthur; Conte, Richard; Modes, Michael
Subject: RE: Followon Information Request for TIA Reg Seabrook ASR
Attachments: Information Request ASR 10-14-11.docx

Bill,

The attached has the information that I need from the licensee. The questions are straight forward and self-explanatory, and the much of it is request for documents. It will be great if you could help.

Thanks.

George

-----Original Message-----

From: Modes, Michael
Sent: Thursday, October 20, 2011 7:38 PM
To: Conte, Richard; Raymond, William
Cc: Burritt, Arthur; Thomas, George
Subject: RE: Followon Information Request for TIA Reg Seabrook ASR

A status call with Seabrook would be beneficial, George can work through the questions with Seabrook if Vicki can pull together her experts.

From: Conte, Richard
Sent: Thursday, October 20, 2011 5:16 PM
To: Raymond, William; Modes, Michael
Cc: Burritt, Arthur; Thomas, George
Subject: RE: Followon Information Request for TIA Reg Seabrook ASR

If we are going to give these questions verbally then George Thomas should do it. The last time we went through this they had questions on his questions.

Sounds like another status call that we seemed to think we would never need again.

From: Raymond, William
Sent: Thursday, October 20, 2011 3:37 PM
To: Modes, Michael
Cc: Conte, Richard
Subject: RE: Followon Information Request for TIA Reg Seabrook ASR

Mike,
What does George need?
Can I help?
Bill

From: Modes, Michael
Sent: Thursday, October 20, 2011 3:36 PM
To: Conte, Richard
Cc: Thomas, George; Chaudhary, Suresh; Burritt, Arthur; Raymond, William
Subject: RE: Followon Information Request for TIA Reg Seabrook ASR

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 5
FOIA- 2012-0119

6/3

Although MD 620 says: "Inspectors and SRAs should be aware that written notes or e-mails provided to a member of the licensee's, vendor's, or applicant's staff or received by NRC staff in the transaction of Government business may need to be preserved as records in the working file to either be ultimately retained in ADAMS or disposed of in accordance with Section 04.04a, "Record Retention and Disposition."

It also says: " Some licensees, vendors, or applicants supply forms for inspectors to use during inspections, for written questions or to request information and documents that are needed to continue the inspection. Inspectors shall only use licensee, vendor, or applicant-generated forms to request records and documents. All other information (e.g., questions) should be requested verbally. Some licensees, vendors, or applicants may document and track an inspector's questions and then generate written interim and final answers to these questions. These written licensee, vendor, or applicant generated responses can be reviewed by the inspector during the on-site inspection."

(b)(5)

BSJ

(b)(5)

BSJ

If you simply read the questions to the licensee, and have them respond to George verbally or by posting documents to Certrec you keep well within the guidelines and make the report far less complicated.

From: Conte, Richard

Sent: Thursday, October 20, 2011 3:11 PM

To: Modes, Michael; Raymond, William

Cc: Thomas, George; Chaudhary, Suresh; Burritt, Arthur

Subject: RE: Followon Information Request for TIA Reg Seabrook ASR Let me check our approach on this. If I send the requested information directly to NextEra we will need to document it in ADAMS or the current open report (we can do it by put the report and the attachment in an ADAMS package.

(b)(5)

BSJ

Any misunderstandings in this regard.

From: Modes, Michael

Sent: Friday, October 14, 2011 4:05 PM

To: Raymond, William

Cc: Conte, Richard; Thomas, George; Chaudhary, Suresh; Burritt, Arthur

Subject: FW: Followon Information Request for TIA Reg Seabrook ASR

Because the inspection is open pending our review of their revised operability determination and in keeping with Manual Chapter 0620, "Inspection Documents and Records", someone has to contact the licensee and request the information verbally. Vicki Brown would seem to be the appropriate point-of-contact.

I am at VY (IP71003) next week, OC (IP71152A) the following week, and Salem (IP7111108P) for two weeks following that. Is this something you can take a few minutes to read to Vicki?

Thanks

Michael.

From: Thomas, George
Sent: Friday, October 14, 2011 1:58 PM
To: Modes, Michael
Cc: Murphy, Martin; Conte, Richard
Subject: Followon Information Request for TIA Reg Seabrook ASR

Michael,

As a follow-on from the inspection during the week of 9/26, please have the Seabrook licensee provide the information requested in the attached.

George Thomas
NRR/DE/EMCB
301-415-6181

Information Request for TIA related to Seabrook ASR Degradation of Control Building "B"
Electrical Tunnel Concrete

1. Please provide the following documents referenced in EDS 36180, Revision 01, "Structural Monitoring Program":
 - a) EC 145305
 - b) AR 574120
 - c) AR 581434
 - d) EC 250348
 - e) AR 587429
 - f) AR 587432
2. Please provide values of cracking index (in mm/m) from the crack measurements made thus far on the ASR affected Electrical B-Tunnel. Also provide values of damage rating index determined from petrographic examination of core samples from the tunnel thus far.
3. The NRC staff understands that the licensee has been taking and testing core samples from the interior of the ASR-affected structures. Please explain how Seabrook plans to assess the degradation effects on the exterior of the affected structures in contact with the soil and ground water, which may likely be more severe if the source of moisture is water infiltration from the outside?
4. Is Seabrook planning to also measure values of Poisson's ratio of ASR-affected concrete from core samples to enable characterization of the affected concrete using a complete set of measured mechanical properties (namely, elastic modulus, poisson ratio, compressive strength and tensile strength) typically used in analysis and design of concrete structures. Please explain if not.