

From: Sanders, Serita
To: PIMENTEL, Frances
Subject: FINAL DVR Schedule - Finalized
Date: Tuesday, February 15, 2022 3:36:00 PM

Hi Frankie,

This e-mail serves as a follow-up to our February 10, 2022 meeting whereby we discussed preliminary dates for the updated DVR schedule; more specifically, NRC RAIs submittals and EPRI's response .

Below is the NRC RAI issuance date and EPRI response as we previously discussed with the updated DVR schedule, RAIs will be issued on 5/06/2022. This date has not changed from the original schedule, nor has the vendor RAI completion date.

Since this is a first-of-a-kind design and the vendor is new to the NRC, the staff would ordinarily send, perhaps 2 rounds of RAIs. We discussed the amount of time that EPRI believes it needs to resolve very technical complex issues. As indicated below, EPRI feels confident that all RAIs can be resolved w/in 6-months. Therefore, we have staggered EPRI's RAI responses in two Phases, I and II, respectively. EPRI has 3-months to respond to the highly technical, risk significant RAIs. If any of these RAI responses have not adequately addressed the staff's concern and there are remaining issues, the staff will turn-a-round a review w/in one month and issue a response to the subject RAIs. Phase II RAIs will be issued 4-months after the initial NRC RAI issuance date. These are the non-technical or low significance technical RAIs. Thus, EPRI will have 2-months to resolve these RAIs, along with the aforementioned Phase I RAIs that the staff has already responded to and requires a second EPRI response to resolve the issue. For your convenience, this 6-month schedule is as follows:

Issue Round 1, Phase 1 of Partial List RAIs	05/06/2022
Vendor Respond Round 1, Phase 1 RAI	08/08/2022 3mons
Issue Round 1, Phase 2 of RAIs to Vendor follow-up RAIs to those Phase 1, Round 1 RAIs that did not adequately address the staff's concerns)	09/21/2022 4mons (NRC will also issue
Vendor Respond Round 1, Phase 2 RAI essentially did not change from the original schedule)	11/07/2022 6mons (note, this date
All RAIs Completed	

It is important to note that EPRI can submit RAIs before the "hard stops" in the schedule for all the technically complex RAIs (or otherwise). Further, NRC will provide EPRI with completed responses to RAIs when they are completed as to help facilitate a timely review. NRC took every measure to provide as much flexibility as possible to ensure that EPRI has enough time to provide a timely resolution to the staffs RAIs. *If by the 5-month in this 6-month period, EPRI determines that more time is needed to resolve the staff's concerns, please send me an e-mail with Richard Chang (richard.chang@nrc.gov) on cc, with a request for a schedule extension. We will meet with the staff to determine how much additional time is adequate to resolve all of the RAIs.*

Additionally, NRC was able to compensate for the additional time that it took NRC to secure a contract with the technical expertise necessary to conduct its review. This technology being a first-of-a-kind requires that the Advisory Committee on Reactor Safeguards review

this technical report, which adds 3-months to the schedule. Therefore, additional important dates for EPRI have now shifted the original schedule by 3-months and is as follows:

Issue Draft SE to Vendor	06/07/2023
Receive Vendor's Draft SE Proprietary Review	07/05/2023
Final SE Issued to Vendor	08/09/2023
Receive -A Version of Topical Report	07/05/2023
Issue -A Version Review Letter	02/21/2024

If you have any questions please don't hesitate to reach out to me.

Have a great rest of the day!

Best,

Serita

From: PIMENTEL, Frances <fap@nei.org>
Sent: Friday, January 21, 2022 7:17 AM
To: Sanders, Serita <Serita.Sanders@nrc.gov>
Subject: [External_Sender] RE: RE: DVR update

Hi Serita,

I spoke with Kurt Crytzer from EPRI and the length of time to respond to the RAI depends on the nature and level of complexity of the RAI. He doesn't envision the response time taking longer than six months for even the most difficult RAI, so I think using six months should be good.

Thanks!

Frankie

From: Sanders, Serita <Serita.Sanders@nrc.gov>
Sent: Thursday, January 20, 2022 9:28 AM
To: PIMENTEL, Frances <fap@nei.org>
Subject: [EXTERNAL] RE: RE: DVR update

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Hi Frances,

I look forward to working with you as well and will contact you early next week.

In the meantime, I have a question. The staff is working on the DVR schedule and needs a the RAI response time verified. It was communicated to me that it takes EPRI 6-months to send its response to NRC due to gaining internal signatures. Is this true? I need to know

how much time to allocate for this line item.

Please advise.

Thanks so much!

Serita

From: PIMENTEL, Frances <fap@nei.org>

Sent: Friday, January 14, 2022 3:38 PM

To: Kaizer, Joshua <Joshua.Kaizer@nrc.gov>; Sanders, Serita <Serita.Sanders@nrc.gov>

Cc: Otto, Ngola <Ngola.Otto@nrc.gov>; Rahn, David <David.Rahn@nrc.gov>

Subject: [External_Sender] RE: DVR update

Joshua – Thanks so much for the information!

Hi Serita - I'm looking forward to working with you again! Please let me know when sometime next week you're available so we can catch up on DVR. I've been working from home, so you can call either my cell phone 302-584-8114 or my work cell phone 202-340-7491 to reach me in addition to email. Hope your holidays were great – talk to you soon.

Thanks!

Frankie

From: Kaizer, Joshua <Joshua.Kaizer@nrc.gov>

Sent: Friday, January 14, 2022 2:59 PM

To: PIMENTEL, Frances <fap@nei.org>

Cc: Otto, Ngola <Ngola.Otto@nrc.gov>; Sanders, Serita <Serita.Sanders@nrc.gov>; Rahn, David <David.Rahn@nrc.gov>

Subject: [EXTERNAL] RE: DVR update

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Frances,

I just wanted to let you know that Joe Holonich retired at the end of 2021, so this project has a new project manager, Serita Sanders.

I wanted to include her on this email.

I am not sure what we can or cannot say, at this point, but I am sure Serita will sort it out... josh

From: PIMENTEL, Frances <fap@nei.org>
Sent: Friday, January 14, 2022 2:14 PM
To: Morey, Dennis <Dennis.Morey@nrc.gov>
Cc: Kaizer, Joshua <Joshua.Kaizer@nrc.gov>; Otto, Ngola <Ngola.Otto@nrc.gov>
Subject: [External_Sender] DVR update

Dennis, Joshua, and Ngola,

Good afternoon and happy new year! I understand that Joe Holonich had planned on retiring early in this year. The last time we spoke, he did not know who would be following up on DVR in his place. I am hoping that someone could help me by indicating who will be taking over as the project manager for DVR? There are two items I'd like to follow-up on:

1. During the December 13, 2021, phone call, we discussed that the NRC expected to hear back from Sandia regarding the contract to help with the review of DVR prior to the end of 2021. I wanted to follow-up to see if Sandia's support has been obtained for this project and if the plan is still to schedule an Audit for Understanding on the topical report in the February 2022 timeframe.
2. I requested during the meeting if any RAI's could be provided to us prior to March 2022 on the regulatory section since it didn't require Sandia input. Joshua agreed to discuss this request with David Rahn (who was on vacation until January 3, 2022). I wanted to follow-up to see if this request has been discussed and if it's possible to get any regulatory section RAIs prior to March.

Thanks so much for your help!

Frankie



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