

Seabrook LANPEM Resource

From: Poole, Justin
Sent: Thursday, July 12, 2018 11:40 AM
To: Browne, Kenneth
Cc: Danna, James; Inverso, Tara
Subject: Revised Hours and Schedule Estimate for Seabrook Alkali-Silica Reaction License Amendment Request

Ken,

By letter dated October 12, 2016 (ADAMS Accession No. ML16265A440), the NRC staff informed NextEra that it had accepted for review the license amendment request for Seabrook related to alkali-silica reaction (ASR), submitted by NextEra on August 1, 2016. In that letter, the NRC staff estimated that the review would take approximately 2000 hours to complete and would be completed by August 2018. The NRC staff stated that “[i]f there are emergent complexities or challenges in our review that would cause changes to the initial forecasted completion date or significant changes in the forecasted hours, the reasons for the changes, along with the new estimates, will be communicated during the routine interactions with the assigned project manager. These estimates are based on the NRC staff’s initial review of the application, and they could change due to several factors, including requests for additional information, unanticipated addition of scope of the review, and review by NRC advisory committees or hearing-related activities.”

Since the issuance of the acceptance letter, both the estimated schedule and the estimated hours for the NRC staff review of the license amendment request have changed. Currently, the NRC staff anticipates substantially completing its review in August 2018, as was originally estimated. However, the Advisory Committee on Reactor Safeguards (ACRS) is now reviewing the ASR issue in October and November 2018. Therefore, the staff does not anticipate publishing a final safety evaluation (SE) on the license amendment request until December 2018.

Regarding estimated hours, the NRC staff has currently expended approximately 2500 hours on this review. The additional time spent is attributable to

- the first-of-a-kind nature of this review,
- the technical complexity of the ASR issue,
- the staff’s review of the lengthy and technically complex ASR methodology submitted by NextEra during the review,
- NextEra’s adjusted schedule for completing its evaluations of onsite structures affected by ASR,
- two site audits (versus just one, as planned) to review the structures affected by ASR and NextEra’s evaluation of those structures, and
- two public meetings to discuss evolving issues during the review.

Currently, the NRC staff estimates that it will take an additional 500 hours, for a total of 3000 hours, to complete the SE, to prepare for and to go before the ACRS, and to make any necessary modifications to the SE due to ACRS recommendations.

If you have any questions regarding these updated estimates feel free to contact me.

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