



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

CNL-22-052

April 27, 2022

10 CFR 50.4

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Browns Ferry Nuclear Plant, Units 1, 2, and 3
Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68
NRC Docket Nos. 50-259, 50-260, and 50-296

Sequoyah Nuclear Plant, Units 1 and 2
Renewed Facility Operating License Nos. DPR-77 and DPR-79
NRC Docket Nos. 50-327 and 50-328

Watts Bar Nuclear Plant, Units 1 and 2
Facility Operating License Nos. NPF-90 and NPF-96
NRC Docket Nos. 50-390 and 50-391

Subject: **TENNESSEE VALLEY AUTHORITY - HYDROLOGIC ENGINEERING
CENTER RIVER ANALYSIS SYSTEM PROJECT MILESTONE STATUS
UPDATE**

Reference: TVA letter to NRC, "Tennessee Valley Authority - Hydrologic Engineering Center River Analysis System (HEC-RAS) Project Milestones," dated June 22, 2016 (ML16175A518)

By letter dated June 22, 2016, Tennessee Valley Authority (TVA) provided the Nuclear Regulatory Commission (NRC) with dates for several project deliverables associated with the ongoing Hydrologic Engineering Center River Analysis System (HEC-RAS) external flood modeling project (referenced letter). The HEC-RAS external flood modeling project was the subject of an April 4, 2016, public meeting to discuss technical details and a resolution plan for TVA's HEC-RAS external flood modeling issues. In the referenced letter, TVA committed to provide updates on the status of the specific project deliverables on a six-month frequency.

The purpose of this letter is to provide the twelfth written update regarding the status of the project milestones consistent with the commitment made in the referenced letter.

No tasks have been completed since the update provided by letter dated October 29, 2021 (ML21302A027). Task 8 is currently projected to be completed in December 2022. The additional time to complete Task 8 is associated with the resolution of a potentially unconservative assumption in one of the analyses supporting the license amendment request (LAR). The potentially unconservative assumption was discussed with NRC on October 13, 2020 (ML20293A080).

**TABLE 1
 PROJECT DELIVERABLE SUBMITTAL MILESTONES
 (Status Updates Shown in Bold Text)**

	Project Deliverable	Submittal Milestone
1	Browns Ferry Mitigating Strategies Assessment	Complete
2	Sequoyah Mitigating Strategies Assessment	Complete
3	Watts Bar Mitigating Strategies Assessment	Complete
4	Watts Bar Focused Evaluation	Complete
5	Sequoyah Focused Evaluation	Complete
6	Browns Ferry Focused Evaluation	Complete
7	Sequoyah Hydrology License Amendment Request	Complete
8	Watts Bar Hydrology License Amendment Request	December 2022

The projected milestone for the submittal of the Watts Bar Hydrology LAR will continue to be discussed with the NRC Project Manager.

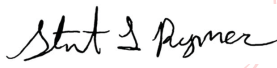
TVA will provide the thirteenth status update on these project deliverable submittal milestones by October 31, 2022, consistent with the commitment made in the referenced letter.

U.S. Nuclear Regulatory Commission
CNL-22-052
Page 3
April 27, 2022

There are no new regulatory commitments made in this letter.

If additional information is needed regarding this update, please contact Russell Thompson at rrthompson@tva.gov.

Respectfully,

 Digitally signed by Rymer, Stuart
Loveridge for
Date: 2022.04.27 17:24:18 -04'00'

James T. Polickoski
Director, Nuclear Regulatory Affairs

cc:

- NRR Director - NRC Headquarters
- NRC Regional Administrator - Region II
- NRC Project Manager - Browns Ferry Nuclear Plant
- NRC Project Manager - Sequoyah Nuclear Plant
- NRC Project Manager - Watts Bar Nuclear Plant
- NRC Senior Resident Inspector - Browns Ferry Nuclear Plant
- NRC Senior Resident Inspector - Sequoyah Nuclear Plant
- NRC Senior Resident Inspector - Watts Bar Nuclear Plant