



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

CNL-17-072

June 27, 2017

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 (HEC-RAS) 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 NRC with dates for several project deliverables associated with the ongoing 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 modelling 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 second written update regarding the status of the project milestones consistent with the commitment made in the referenced letter.

There has been no change in milestone status since the update provided by letter dated December 27, 2016. The previous regulatory commitments to perform flooding Integrated Assessments for Watts Bar, Sequoyah, and Browns Ferry were formally withdrawn by letter dated March 10, 2017.

**TABLE 1
 PROJECT DELIVERABLE SUBMITTAL MILESTONES**

	Project Deliverable	Submittal Milestone
1	Browns Ferry Mitigating Strategies Assessment (MSA)	Complete
2	Sequoyah MSA	Complete
3	Watts Bar MSA	Complete
4	Watts Bar Focused Evaluation (FE)	December 2017
5	Sequoyah FE	December 2017
6	Browns Ferry FE	December 2017
7	Sequoyah Hydrology License Amendment Request (LAR)	April 2018
8	Watts Bar Hydrology LAR	May 2018

The calculations, analyses, and evaluations being performed in support of Tasks 4 - 8 are fundamentally based on precipitation values in Topical Report TVA-NPG-AWA16, "TVA Overall Basin Probable Maximum Precipitation and Local Intense Precipitation Analysis, Calculation CDQ0000002016000041." This topical report was submitted to NRC for review by letter dated September 20, 2016. Any significant revisions to the Topical Report would likely impact the HEC-RAS milestone schedule based on required rework.

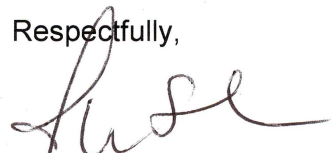
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TVA will provide the third status update on these project deliverable submittal milestones by December 31, 2017, consistent with the Commitment made in the referenced letter.

There are no new regulatory commitments contained in this letter.

If additional information is needed regarding this update, please contact Russell Thompson at (423) 751-2567.

Respectfully,



J. W. Shea
Vice President, Nuclear Licensing

cc:

- NRR Director - NRC Headquarters
- NRR JLD 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