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

CNL-15-197

September 25, 2015

10 CFR 50.4

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

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

Watts Bar Nuclear Plant, Unit 1
Facility Operating License No. NPF-90
NRC Docket No. 50-390

Watts Bar Nuclear Plant, Unit 2
Construction Permit No. CPPR-92
NRC Docket No. 50-391

Subject: **Tenth Progress Update on Improved Flood Mitigation System Project**

References:

1. Letter from TVA to NRC, "Commitment to Install Improved Flood Mitigation Systems," dated April 16, 2013 (ML13108A107)

2. Letter from TVA to NRC, "Progress Update on Improved Flood Mitigation System Project," dated July 1, 2013 (ML13189A135)

By letter dated April 16, 2013, Tennessee Valley Authority (TVA) committed to install improved flood mitigation systems at the Sequoyah Nuclear Power Plant (SQN), Units 1 and 2, and the Watts Bar Nuclear Plant (WBN), Units 1 and 2 (Reference 1). TVA committed to complete implementation of the improved flood mitigation systems at SQN and WBN by December 31, 2016. TVA also committed to provide periodic written updates regarding the progress of the project. The most recent update was in a letter from TVA to NRC dated June 30, 2015 (ML15181A398).

The purpose of this letter is to provide the tenth written update regarding the progress of the improved flood mitigation system project consistent with Commitment 2 in Enclosure 2 of the Reference 1 letter and Commitment 1 in Enclosure 2 of the Reference 2 letter.

During a June 27, 2013 public meeting and in the first update (Reference 2), TVA advised the NRC that engineering design and project controls for the project were being developed consistent with TVA's existing design and project management procedures. The Project Status Schedule, provided in Table 1 of this letter, lists the major tasks associated with the design and project controls developed to implement the flood mitigation system. Table 1 is used to provide the overall status of the improved flood mitigation system project each quarter. The status of the Table 1 tasks from June 20, 2015 to September 20, 2015 is provided below.

- Task 5, Conduct Engineering Design Phase - Continues in-progress; the scheduled finish date is as scheduled on10/30/15.
- Task 7, Implementation - Revised scheduled start date from 09/15/15 to 10/05/15, due to minor delays in Engineering Design deliverables. No impact to the Task 7 scheduled finish date.

Overall, the project remains on schedule to complete by December 15, 2016.

TABLE 1
PROJECT STATUS SCHEDULE
(updates shown in bold text)

	Task	Scheduled Start	Scheduled Finish	Status
1	Team Organization Structure		05/29/13	Complete
2	Develop Project Plan		10/30/13	Complete
3	Perform Conceptual Design Phase		10/30/13	Complete
4	Perform Preliminary Design Phase		04/30/14	Complete
5	Conduct Engineering Design Phase	05/01/14	10/30/15	In-Progress
6	Procure Long-Lead Items	11/01/14	10/21/15	Complete
7	Implementation	**10/05/15**	12/15/16	Not Started

TVA will provide the eleventh quarterly written progress update regarding the improved flood mitigation system project by December 31, 2015, consistent with Commitment 2 in Enclosure 2 of TVA's letter to NRC dated April 16, 2013 (Reference 1).

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
NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Sequoyah Nuclear Plant
NRC Senior Resident Inspector - Watts Bar Nuclear Plant
NRR Project Manager - Sequoyah Nuclear Plant
NRR Project Manager - Watts Bar Nuclear Plant, Unit 1
NRR Project Manager - Watts Bar Nuclear Plant, Unit 2