



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

CNL-16-050

March 31, 2016

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  
Renewed Facility Operating License Nos. DPR-77 and DPR-79  
NRC Docket Nos. 50-327 and 50-328

Subject: **Sixth Status Update of Planned Actions to Facilitate Maintenance of 6.9 Kilovolt and 480 Volt Shutdown Boards at Sequoyah Nuclear Plant, Units 1 and 2**

- References:
1. Letter from TVA to NRC, "Planned Actions to Facilitate Planned Maintenance of 6.9 Kilovolt and 480 Volt Shutdown Boards at Sequoyah Nuclear Plant, Units 1 and 2," dated July 17, 2012 (ML12202A011)
  2. Letter from TVA to NRC, "Fifth Status Update of Planned Actions to Facilitate Maintenance of 6.9 Kilovolt and 480 Volt Shutdown Boards at Sequoyah Nuclear Plant, Units 1 and 2," dated March 27, 2015 (ML15096A208)
  3. Letter from TVA to NRC, "Sequoyah Nuclear Plant, Units 1 and 2 - License Amendment Nos. 334 and 327, Improved Technical Specifications, Implementation," dated November 4, 2015 (ML15310A042)
  4. Letter from TVA to NRC, "Sequoyah Nuclear Plant, Units 1 and 2, Proposed Technical Specification Change to Extend the Allowed Completion Time to Restore Essential Raw Cooling Water System Train to OPERABLE Status from 72 hours to 7 days (TS-SQN-16-01)," dated March 11, 2016 (ML16071A333)

In the Reference 1 letter, Tennessee Valley Authority (TVA) committed to provide an update to the Nuclear Regulatory Commission (NRC) on the status of the efforts to permit the scheduling of the preventive maintenance (PM) for the Sequoyah Nuclear Plant (SQN) 6.9 kilovolt (kV) and 480 Volt (V) shutdown boards (SDBs) for Units 1 and 2 with one unit in Mode 5 or 6 or defueled and the other unit in Mode 1, 2, 3, or 4.

TVA provided the last status update in Reference 2, and included a commitment to provide another update of the information by March 31, 2016. This letter satisfies the commitment stated in Reference 2.

With the implementation of Improved Technical Specifications (ITS) (Reference 3), the Completion Time (CT) in TS 3.7.8 to restore one ERCW System train to OPERABLE status needs to be extended from 72 hours to 7 days. In the letter from TVA to NRC dated March 11, 2016 (Reference 4), TVA is proposing changes to SQN Units 1 and 2, Technical Specification (TS) 3.7.8, "Essential Raw Cooling Water (ERCW) System," to extend the allowed Completion Time to restore one ERCW System train to OPERABLE status from 72 hours to 7 days. These changes are needed to facilitate cleaning and inspection of the 6.9 kV shutdown boards and associated 480 V shutdown boards without requiring a dual unit shutdown.

TVA is scheduled to begin SDB maintenance with SQN Unit 1 A-Train during the fall 2016 refueling outage pending NRC approval of the ERCW LAR.

Other design and licensing basis changes needed to support the SDB PM, including the Auxiliary Control Air temporary modification and various associated subordinate facility changes, will be implemented under the provisions of 10 CFR 50.59.

There is one new regulatory commitment provided in the enclosure to this submittal. TVA will provide an update on the status of SQN SDB Maintenance activities, no later than March 31, 2017.

Please address any questions regarding this letter to Tom Hess at (423) 751-3487.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

Enclosure: Regulatory Commitment

cc (Enclosure):

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector - Sequoyah Nuclear Plant  
NRC Project Manager - Sequoyah Nuclear Plant

**Enclosure**

**Sequoyah Nuclear Plant, Units 1 and 2**

**Regulatory Commitment**

Update Letter Regarding Implementation of Shutdown Board Preventive Maintenance

Tennessee Valley Authority will provide an update on the status of activities associated with periodic shutdown board preventive maintenance at Sequoyah Nuclear Plant. This letter will provide an update of the information previously provided in the March 31, 2016, letter regarding this subject, and will be submitted no later than March 31, 2017.