



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

CNL-19-023

January 25, 2019

10 CFR 50.90

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: **Supplement to Application to Modify the Technical Specifications for the Browns Ferry Nuclear Plant (TS-512), Sequoyah Nuclear Plant (TS-17-03) and Watts Bar Nuclear Plant (TS-17-20) to Incorporate New Technical Specification for Unbalanced Voltage Relays**

- References:
1. TVA Letter to NRC, CNL-17-034, "Application to Modify the Technical Specifications for the Browns Ferry Nuclear Plant (TS-512), Sequoyah Nuclear Plant (TS-17-03) and Watts Bar Nuclear Plant (TS-17-20) to Resolve the Open Phase Issue Identified in NRC Bulletin 2012-01, 'Design Vulnerability in Electrical Power System'," dated November 17, 2017 (ML17324A349)
  2. NRC Letter to TVA, "Browns Ferry Nuclear Plant, Units 1, 2, and 3; Sequoyah Nuclear Plant, Units 1 and 2; and Watts Bar Nuclear Plant, Units 1 and 2 - Request for Additional Information Related to License Amendment Request to Incorporate New Technical Specification for Unbalanced Voltage Relays (EPID L-2017-LLA-0030)," dated May 21, 2018 (ML18115A379)

3. TVA Letter to NRC, CNL-18-077, "Response to Browns Ferry Nuclear Plant, Units 1, 2, and 3 (TS-512); Sequoyah Nuclear Plant, Units 1 and 2 (TS-17-03); and Watts Bar Nuclear Plant, Units 1 and 2 (TS-17-20) - Request for Additional Information Related to License Amendment Request to Incorporate New Technical Specification for Unbalanced Voltage Relays," dated June 18, 2018 (ML18169A404)
4. TVA Letter to NRC, CNL-18-130, "Revised Application to Modify the Technical Specifications for the Browns Ferry Nuclear Plant (TS-512), Sequoyah Nuclear Plant (TS-17-03) and Watts Bar Nuclear Plant (TS-17-20) to Incorporate New Technical Specification for Unbalanced Voltage Relays," dated November 19, 2018 (ML18324A609)

In Reference 1, Tennessee Valley Authority (TVA) submitted a License Amendment Request (LAR) to the Nuclear Regulatory Commission (NRC) to Renewed Facility Operating License Nos. DPR-33, DPR-52, and DPR-68 for the Browns Ferry Nuclear Plant, Units 1, 2, and 3, Renewed Facility Operating License Nos. DPR-77 and DPR 79 for the Sequoyah Nuclear Plant, Units 1 and 2, and Facility Operating License Nos. NPF-90 and NPF-96 for the Watts Bar Nuclear Plant, Units 1 and 2, to propose adding a new level of protection, "Unbalanced Voltage" to the Technical Specifications for the Loss of Power instrumentation.

In Reference 2, the NRC transmitted a request for additional information (RAI) and TVA responded to the RAI in Reference 3.

In Reference 4, following discussions with the NRC, TVA revised Reference 1, in its entirety, to remove some extraneous information, make minor clarifications, and revise the implementation date to ensure sufficient time to complete the required implementation actions. However, the Reference 4 letter did not explicitly state that the Reference 2 RAIs and the Reference 3 RAI responses were still applicable. Therefore, this letter clarifies that Reference 2 and Reference 3 remain applicable to the Reference 4 LAR.

TVA has reviewed the information supporting a finding of no significant hazards consideration and the environmental consideration provided to the NRC in Reference 4. The supplemental information provided in this submittal does not affect the bases for concluding that the proposed license amendment does not involve a significant hazards consideration. In addition, the supplemental information in this submittal does not affect the bases for concluding that neither an environmental impact statement nor an environmental assessment needs to be prepared in connection with the proposed license amendment. Additionally, in accordance with 10 CFR 50.91(b)(1), TVA is sending a copy of this letter and the enclosures to the Alabama State Department of Public Health and the Tennessee Department of Environment and Conservation.

There are no new regulatory commitments associated with this submittal. Please address any questions regarding this request to Mr. Michael A. Brown, Fleet Licensing Manager, at (423) 751-3275.

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I declare under penalty of perjury that the foregoing is true and correct. Executed on this 25th day of January 2019.

Respectfully,



E. K. Henderson  
Director, Nuclear Regulatory Affairs

cc:

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant  
NRC Senior Resident Inspector - Sequoyah Nuclear Plant  
NRC Senior Resident Inspector - Watts Bar Nuclear Plant  
NRC Project Manager – Browns Ferry Nuclear Plant  
NRC Project Manager – Sequoyah Nuclear Plant  
NRC Project Manager – Watts Bar Nuclear Plant  
State Health Officer, Alabama Department of Public Health  
Director, Division of Radiological Health - Tennessee Department of Environment and Conservation