



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

CNL-18-052

April 4, 2018

10 CFR 50.54(q)  
10 CFR 72.44(f)

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, 50-296, and 72-052

**SUBJECT: TENNESSEE VALLEY AUTHORITY - CENTRAL EMERGENCY CONTROL CENTER EMERGENCY PLAN IMPLEMENTING PROCEDURE REVISIONS**

In accordance with the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.54(q) and 10 CFR 72.44(f), Tennessee Valley Authority (TVA) is submitting a description of changes to the TVA Radiological Emergency Plan (REP), Appendix A.

<u>Document</u>	<u>Revision</u>	<u>Title</u>	<u>Effective Date</u>
NP-REP, Appendix A	109	Radiological Emergency Plan, Appendix A	3/22/2018

Description of Changes and Summary of Analysis

REP, Appendix A was revised to reflect changes in the Emergency Action Levels (EALs) that were necessary following the Unit 3 refueling outage in which the final plant modifications were completed to allow BFN to operate at an increased maximum reactor core thermal power level. The transition to Extended Power Uprate (EPU) was approved for BFN Units 1, 2, and 3 by NRC letter dated August 14, 2017 (ML17032A120). The changes in the EALs reflect changes in the Emergency Operating Instructions (EOIs) that were needed as a result of the new EPU conditions and power level.

These changes were evaluated in accordance with 10 CFR 50.54(q)(3). TVA determined that the changes did not reduce the effectiveness of the TVA REP. The TVA REP, as revised, continues to meet the requirements in Appendix E to 10 CFR 50 and the planning standards of 10 CFR 50.47(b).

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There are no new regulatory commitments in this letter. If you have any questions regarding this submittal, please contact Ed Schrull at (423) 751-3850.

Respectfully,

A handwritten signature in black ink, appearing to read "J. W. Shea".

J. W. Shea  
Vice President, Nuclear Regulatory Affairs and Support Services

cc:

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector - Browns Ferry Nuclear Plant  
NRR Project Manager - Browns Ferry Nuclear Plant  
NRC Director - Division of Spent Fuel Management, NMSS