



1101 Market Street, Chattanooga, Tennessee 37402

CNL-22-006

January 12, 2022

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

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, 50-328, and 72-034

Subject: **TENNESSEE VALLEY AUTHORITY - RADIOLOGICAL EMERGENCY PLAN  
APPENDIX REVISION**

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). The affected document is the REP appendix listed below.

<u>Document</u>	<u>Revision</u>	<u>Title</u>	<u>Effective Date</u>
REP-Appendix B	109	Sequoyah Nuclear Plant Radiological Emergency Plan	12/16/2021

**Description of Changes and Summary of Analysis**

**REP-Appendix B**

TVA revised this REP as follows:

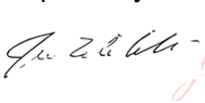
- Section 3.0, "Responsibility"  
Replaced the title "Unit Supervisor" with current title "Nuclear Unit Senior Operator (NUSO)."
- Section 5.0, "Site Emergency Organization"  
Moved the location of the table title, "Typical Transition of Command and Control Functions," to above the table.

- Figure B-1, "OSC Emergency Organization (Including Minimum Staffing and Augmentation)"  
Added radiological protection technician and support at 60-minute and 90-minute response times to the Operations Support Center emergency organization. The change clarifies the figure by being consistent with staffing in Figure B-2.
- Figure B-2, "Minimum Onshift and Augmentation Response Personnel"  
Changed the title of Figure B-2 to reflect that the figure includes augmentation personnel. Replaced the title "Unit Supervisor" with current title "NUSO." Added "(CECC)" next to Central Emergency Control Center Director title to be consistent with other positions in the table.

The above changes were evaluated in accordance with 10 CFR 50.54(q)(3) and 10 CFR 72.44(f). 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).

There are no new regulatory commitments contained in this letter. If you have any questions regarding this submittal, please contact Kimberly D. Hulvey, Senior Manager, Fleet Licensing, at 423-751-3275.

Respectfully,



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James T. Polickoski  
Director, Nuclear Regulatory Affairs

cc:

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