



1101 Market Street, Chattanooga, Tennessee 37402

CNL-21-087

November 3, 2021

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

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

Watts Bar Nuclear Plant, Units 1 and 2
Facility Operating License Nos. NPF-90 and NPF-96
NRC Docket Nos. 50-390, 50-391, and 72-1048

Subject: **TENNESSEE VALLEY AUTHORITY - EMERGENCY PREPAREDNESS
DEPARTMENT PROCEDURE REVISIONS**

In accordance with the requirements of Title 10 of the *Code of Federal Regulations* (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) for Browns Ferry, Sequoyah, and Watts Bar nuclear plants. The affected document is the Emergency Preparedness Department Procedure (EPDP) listed below.

<u>Document</u>	<u>Revision</u>	<u>Title</u>	<u>Effective Date</u>
EPDP-3	20	Emergency Plan Exercises and Preparedness Drills	10/05/2021
EPDP-3	21	Emergency Plan Exercises and Preparedness Drills	10/07/2021

Description of Changes and Summary of Analysis

EPDP-3

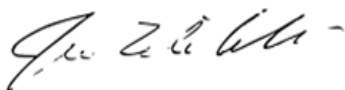
TVA revised this EPDP as follows:

- Section 3.2.A.2.c, added “Scenario Template” to the title and updated the title of the Attachment 4 reference. Also, added (5) which states the controller package should include all accident assessment assumptions for which credit is to be taken. This action may include acceptable alternate paths identified during scenario development.
- Section 3.2.A.5, added (c) which states that drill and exercise performance (DEP) performance indicator opportunities should be evaluated utilizing guidance in EPDP-11, “Emergency Preparedness Performance Indicators.”
- Section 3.2.A.5.h, added two sentences comparing actual DEP to expected DEP, particularly focusing on functions associated with risk significant planning standards.
- Attachment 4, updated title from “Controllers Package” to “Controllers Package – Scenario Template.” Also, added a statement to “Opportunities” concerning acceptable alternate paths for evaluation of risk significant planning standards and added “Accident Assessment” under Opportunities.

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,



James T. Polickoski
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
NRC Director - Division of Spent Fuel Management, NMSS