



1101 Market Street, Chattanooga, Tennessee 37402

CNL-24-040

May 8, 2024

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 – 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). The affected documents are the Central Emergency Control Center (CECC) Emergency Plan Implementing Procedures (EPIPs) listed below.

<u>Document</u>	<u>Revision</u>	<u>Title</u>	<u>Effective Date</u>
CECC EPIP-6	53	Central Emergency Control Center (CECC) Plant Assessment Staff Procedure for Alert, Site Area Emergency, and General Emergency	04/15/2024
CECC EPIP-8	60	Dose Assessment Staff Activities During Nuclear Plant Radiological Emergencies	04/15/2024

Description of Changes and Summary Analysis

CECC EPIP-6

TVA revised this EPIP as follows.

- Section 4.2, "Definitions"

Revised section 4.2 to delete extraneous wording in the definition of Holdup Time.

- Appendix B, "Plant Systems Assessment"

Revised Appendix B step C.3, to reinforce that the time the reactor is subcritical following an Anticipated Transient Without Scram is obtained from the Main Control Room.

CECC EPIP-8

TVA revised this EPIP as follows.

- Section 5.4, "Back Calculation"

Revised section 5.4 to provide additional clarifying guidance for performing back calculations.

- Section 5.8, "Comparison of Measured Field Data to Dose Projections"

Revised section 5.8 to provide additional clarifying guidance on comparing field data to calculated projections.

- Section 6.2, "Preparing an Upgraded PAR"

Revised section 6.2 to delete guidance for staged evacuation which is no longer applicable.

- Section 9.0, "Abbreviations and Definitions"

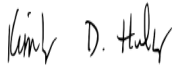
Revised section 9.0 to delete extraneous wording in the definition of Holdup Time.

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The above 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).

There are no new regulatory commitments in this letter. Please address any questions regarding this submittal to Stuart L. Rymer, Senior Manager, Fleet Licensing, at slymer@tva.gov.

Respectfully,



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Date: 2024.05.08 12:39:34 -04'00'

Kimberly D. Hulvey
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