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

CNL-19-090

September 24, 2019

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 certain Central Emergency Control Center (CECC) Emergency Plan Implementing Procedures (EPIP).

Document	Revision	Title	Effective Date
CECC EPIP-1	68	Central Emergency Control Center (CECC) Operations	8/26/2019
CECC EPIP-6	44	CECC Plant Assessment Staff Procedure for Alert, Site Area Emergency, and General Emergency	8/26/2019

Document	Revision	Title	Effective Date
CECC EPIP-7	41	CECC Radiological Assessment Staff Procedure for Alert, Site Area Emergency, and General Emergency	8/26/2019
CECC EPIP-8	49	Dose Assessment Staff Activities During Nuclear Plant Radiological Emergencies	8/26/2019

Description of Changes and Summary of Analysis

CECC EPIP-1
TVA revised CECC EPIP-1 to clarify that TVA provides some data to the State via web access to the TVA network. In addition, this revision updated checklist items related to news releases and to the method for providing information to the State. TVA also modified the State update forms to remove numbering and units associated with retiring the Forecast Radiological Emergency Dose (FRED) Code, the Radiological Emergency Dose (RED) Code, and the Back-calculation Radiological Emergency Dose (BRED) Code that the Meteorological Information & Dose Assessment System (MIDAS) is replacing.

CECC EPIP-6
The revision to this EPIP updated the Systems Assessment appendix based on retiring the FRED, RED, and BRED dose codes and replacing them with MIDAS. In addition, it added a specific reference to the appendix for making recommendations to the Technical Support Center Technical Assessment Team.

CECC EPIP-7
TVA revised this EPIP to retire the FRED, RED, and BRED dose codes and to replace them with MIDAS. This revision made other changes to align responsibilities with CECC EPIP-8, clarify the Meteorologist's role, update classification wording, ensure that displays reflect the most current information, remove requirements to print the Rad Boardwriter's screen every 30 minutes, and update the location for a position kit.

CECC EPIP-8
This revision to CECC EPIP-8 retired the FRED, RED, and BRED dose codes and replaced them with MIDAS. In addition, TVA changed this EPIP to reflect a new version of MIDAS that incorporated improved features and updated some terminology. This revision updated instructions for running the WATERDOSE code to reflect the transition of that code to a Windows-based environment. TVA made other minor/editorial changes as well.

The changes above 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 in this letter. Please address any questions regarding this submittal to Kimberly D. Hulvey 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
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