



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

CNL-18-014

February 21, 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

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) named below.

<u>Document</u>	<u>Revision</u>	<u>Title</u>	<u>Effective Date</u>
CECC EPIP-2	49	Operations Duty Specialist Procedure for Notification of Unusual Event	1/24/2018
CECC EPIP-3	50	Operations Duty Specialist Procedure for Alert, Site Area Emergency, or General Emergency	1/24/2018
CECC EPIP-6	41	CECC Plant Assessment Staff Procedure for Alert, Site Area Emergency, and General Emergency	1/26/2018
CECC EPIP-7	39	CECC Radiological Assessment Staff Procedure for Alert, Site Area Emergency, and General Emergency	1/26/2018
CECC EPIP-8	46	Dose Assessment Staff Activities During Nuclear Plant Radiological Emergencies	1/26/2018

Description of Changes and Summary of Analysis

CECC EPIP-2 was revised to update the coversheet to require an independent qualified reviewer, to update instructions for using WebEOC software, and to add notification of the TVA Nuclear Duty Officer in the event of a Notice of Unusual Event.

CECC EPIP-3 was revised to update the coversheet to require an independent qualified reviewer and to update instructions for using WebEOC.

CECC EPIP-6 was revised to incorporate MIDAS (Meteorological Information and Dose Assessment Software) as a replacement for the current dose assessment software. The changes include adding definitions to describe the specific MIDAS input core conditions and replacing the Plant Assessment Team Systems Assessment worksheet with one that includes the inputs necessary for the dose assessment staff to run MIDAS. Other editorial changes were also made.

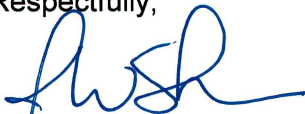
CECC EPIP-7 was revised to incorporate MIDAS as the primary dose assessment software. The changes include actions to be taken by the radiological board writer to display information in the CECC due to both software changes in MIDAS and other supporting software programs. Several actions have also been clarified as part of this revision and multiple updates and minor/editorial corrections were made.

CECC EPIP-8 was revised to incorporate MIDAS as the primary dose assessment software. The revision included rearranging the majority of the attachments and altering other actions for software systems that interface with MIDAS. Some changes were made to reflect software changes in MIDAS for the performance of multi-accident dose assessment. Other changes were made to add new information and clarify previously existing requirements. The procedure was also revised to include an additional method for comparing dose assessment results to field team readings. Finally, the revision included several editorial changes.

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).

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,



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

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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
NRR Project Manager - Browns Ferry Nuclear Plant
NRR Project Manager - Sequoyah Nuclear Plant
NRR Project Manager - Watts Bar Nuclear Plant
NRC Director - Division of Spent Fuel Management, NMSS