



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

November 13, 2017

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

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

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

**SUBJECT: TENNESSEE VALLEY AUTHORITY - WATTS BAR NUCLEAR PLANT  
EMERGENCY PLAN IMPLEMENTING PROCEDURE 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), the Tennessee Valley Authority (TVA) is submitting a description of changes to the Watts Bar Radiological Emergency Plan (REP). The affected documents are the Watts Bar Emergency Plan Implementing Procedures (EPIPs) named below.

<u>EPIP</u>	<u>Revision</u>	<u>Title</u>	<u>Effective Date</u>
12	0041	Emergency Equipment and Supplies	11/01/2017
13	0024	Initial Dose Assessment for Radiological Emergencies	10/12/2017

Description of Changes and Summary of Analysis

EPIP-12 was revised to add emergency preparedness as the responsible organization for hospital cabinet inventories; change emergency dosimetry inventory to semi-annual frequency; remove 9 volt batteries from hospital inventory; add van designator to the inventory review signoff for Emergency Van #1, and add an inventory review signoff for Emergency Van #4. Additionally, several editorial changes were made to correct inconsistent formatting, correct grammar, and align the procedure to new utility-specific terminology.

EPIP-13 was revised to replace the Attachment C's Watts Bar Noble Gas Release Rates table with a direction to reference CECC EPIP-8, Attachment 13, which contains the current graph for use in this calculation. Similarly, Attachment L's Multi-Unit Release Dose Assessment Flowchart was replaced with direction to reference CECC EPIP-8, Attachment 15, which contains the current flowchart for use.

These changes were evaluated in accordance with 10 CFR 50.54(q)(3). It was determined that the changes did not reduce the effectiveness of the Watts Bar emergency plan, and the Watts Bar emergency plan, 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 Thomas Detchemendy, Emergency Prepared Manager, at (423) 365-3232.

Respectfully,



Paul Simmons  
Site Vice President  
Watts Bar Nuclear Plant

cc:

NRC Regional Administrator - Region II  
NRC Senior Resident Inspector - Watts Bar Nuclear Plant  
NRR Project Manager - Watts Bar Nuclear Plant