



Tennessee Valley Authority, Post Office Box 2000, Soddy Daisy, Tennessee 37384

March 30, 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

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

**Subject: Emergency Plan Implementing Procedure Revision**

In accordance with the requirements of 10 CFR 50.54(q) and 10 CFR 72.44(f), the Tennessee Valley Authority is submitting a description of changes to the Sequoyah Nuclear Plant (SQN) Radiological Emergency Plan. The affected document is the SQN Emergency Plan Implementing Procedure (EPIP) listed below.

EPIP	Revision	Title	Effective Date(s)
1	57	Emergency Plan Classification Matrix	March 5, 2021

The above referenced revision was evaluated in accordance with 10 CFR 50.54(q)(3) and 10 CFR 72.44(f) and determined that the change does not reduce the effectiveness of the Emergency Plan. Details of the revision are included in the enclosure.

There are no new regulatory commitments contained in this letter. Should you have any questions concerning this submittal, please contact Mr. Paul Gain, Site Emergency Preparedness Manager, at (423) 843-7088.

Respectfully,  
**Lovitt, Matthew  
Robert**

Digitally signed by Lovitt,  
Matthew Robert  
Date: 2021.03.30 10:04:12 -04'00'

for Thomas B. Marshall  
Site Vice President  
Sequoyah Nuclear Plant

U.S. Nuclear Regulatory Commission  
Page 2  
March 30, 2021

Enclosure: SQN Units 1 & 2 Description of Revision/Change

cc: NRC Regional Administrator – Region II  
NRC Senior Resident Inspector – Sequoyah Nuclear Plant  
NRC Director – Division of Fuel Management, NMSS

## **ENCLOSURE: SQN UNITS 1 & 2 DESCRIPTION OF REVISION/CHANGE**

### **EPIP-1, Revision 57**

- Updated the Reactor Vessel Level Indicating System (RVLIS) lower range indication for Initiating Conditions (ICs) CG1 and CS1. The lower range indication for the top of active fuel in Mode 5 was 64%. Due to an update in calculation methodology in Revision 037 of SQS20110, Emergency and Abnormal Operating Procedure Setpoints, the design output was revised to reflect a lower range indication of 60% as being the top of the active fuel in Mode 5. The change affected EAL 1.a of CG1 and 2.b of CS1 and their associated bases. Also, added the calculation as a reference for both ICs.