



Tennessee Valley Authority, Sequoyah Nuclear Plant, P.O. Box 2000, Soddy Daisy, Tennessee 37384

August 17, 2020

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 Revisions**

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 documents are the SQN Emergency Plan Implementing Procedures (EPIPs) listed below.

EPIP	Revision	Title	Effective Date
1	55	Emergency Plan Classification Matrix	August 6, 2020
3	40	Alert	July 28, 2020
4	42	Site Area Emergency	August 10, 2020
5	51	General Emergency	August 10, 2020

The above referenced revisions were evaluated in accordance with 10 CFR 50.54(q)(3) and 10 CFR 72.44(f) and determined that the changes do not reduce the effectiveness of the Emergency Plan. Details of the revisions are included in the enclosure.

There are no 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,

Matthew Rasmussen
Site Vice President
Sequoyah Nuclear Plant

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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 55

- Wording in Section 3.1.N. was updated concerning the notification of the State from “less than fifteen (15) minutes” to “within 15 minutes”. This aligns the wording with 10 CFR 50, Appendix E, Section IV.D.3, and the Radiological Emergency Plan (REP) Section 5.2.1.A.
- Certificate of Compliance 1032, Amendment 3, was added to Table I-1 of the wallboards and as a reference in Initiating Condition (IC) EU1. There was no change in values from the previous revision.
- In Fission Product Barrier Matrix Loss 3.A, references to Central Emergency Control Center (CECC) EPIP-19 were removed concerning how the value is derived for the containment high range radiation monitors and it was replaced with reference to calculation TIRPS193, Appendix A, Table A8-2. This ensures that the actual calculation where the value is derived is being referenced vice another procedure. It also ensures that when TIRPS193 is revised that EPIP-1 is identified as a potential impact.

EPIP-3, Revision 40

- Added References to 10 CFR 50.72 and 10 CFR 50 Appendix E. Added the title for each 10 CFR reference on page 5, Section 2.1.
- Revised Chemistry’s secondary phone number to 843-6348 on page 9, Section 3.4[1.1].

EPIP-4, Revision 42

- Added References to 10 CFR 50.72 and 10 CFR 50 Appendix E. Added the title for each 10 CFR reference on page 5, Section 2.1.

EPIP-5, Revision 51

- Added References to 10 CFR 50.72 and 10 CFR 50, and 10 CFR 72.75. Added the title for each 10 CFR reference on page 7, Section 2.1.
- Added conditional steps to ensure that during an FG1 IC that the Emergency Action Levels (EALs) the IC was declared on are documented and communicated to the CECC Director on page 9, Section 3.2[1][1.3], and page 32, Section 1.1[1].
- Revised the Revision Log for Revision 50 to include changes to Appendix H.