



Sequoyah Nuclear Plant, Post Office Box 2000, Soddy Daisy, Tennessee 37384

June 01, 2022

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 (EIPs) listed below.

EPIP	Revision	Title	Effective Date(s)
2	41	Notification of Unusual Event	May 16, 2022
3	43	Alert	May 16, 2022
4	45	Site Area Emergency	May 16, 2022
5	55	General Emergency	May 16, 2022

The above referenced revisions were evaluated in accordance with 10 CFR 50.54(q)(3) and 10 CFR 72.44(f). It was 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 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,

Marshall, Thomas B.  Digitally signed by Marshall, Thomas B.
Date: 2022.06.01 10:21:56 -04'00'

Thomas B. Marshall
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-2, Revision 41

- Reformatted signature blocks to include date and time.
- Added clarification to steps in Section 3.4 and Attachment 8 on how to use the plant public announcement system using the 4800 bridge.
- Updated Section 3.1 with new steps to ensure the state is notified during an Unusual Event initial notification.
- Added steps to Attachment 7 to use Vaporstream for Unusual Event termination notification to the state.
- Reformatted Attachment 1, Section 2.0, Radiological Release Determination.
- Updated Attachment 10, Vaporstream Guide, to match the current process and added event termination guidance.
- Added a new Section 2.0, Radiological Release Determination Guidance, to Attachment 10.
- Performed minor editorial changes to fix publication issues.

EPIP-3, Revision 43

- Reformatted signature blocks to include date and time.
- Added clarification to steps in Attachments 3 and 7 on how to use the plant public announcement system using the 4800 bridge.
- Added new step in Section 3.2 and Attachment 7 to ensure the state is notified during the initial event notification.
- Reformatted Attachment 1, Section 2.0, Radiological Release Determination.
- Updated Attachment 10, Vaporstream Guide, to match the current Vaporstream process.
- Added a new Section 2.0, Radiological Release Determination Guidance, to Attachment 10.
- Performed minor editorial changes to fix publication issues.

EPIP-4, Revision 45

- Reformatted signature blocks to include date and time.
- Added clarification to steps in Attachments 3 and 7 on how to use the plant public announcement system using the 4800 bridge.
- Updated steps in Section 3.2 and Attachment 7 to ensure the state is notified during the initial event notification.
- Reformatted Attachment 1, Section 2.0, Radiological Release Determination.
- Updated Attachment 10, Vaporstream Guide, to match the current Vaporstream process.
- Added a new Section 2.0, Radiological Release Determination Guidance, to Attachment 10.
- Performed minor editorial changes to fix publication issues.

EPIP-5, Revision 55

- Reformatted signature blocks to include date and time.
- Added clarification in Section 3.3 and Attachments 3 and 7 on how to use the plant public announcement system using the 4800 bridge.
- Added new step in Section 3.2 to ensure the state and risk counties are notified during the initial event notification.

- Reformatted Attachment 1, Section 2.0, Radiological Release Determination.
- Updated Attachment 11, Vaporstream Guide, to match the current Vaporstream process and to include a new Section 2.0, Radiological Release Determination Guidance.
- Added steps to Section 3.8 and Attachment 10 for protective action recommendation upgrade notifications using Vaporstream.
- Performed minor editorial changes to fix publication issues.