



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

August 5, 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 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(s)
2	39	Notification of Unusual Event	July 19, 2021
3	41	Alert	July 19, 2021
4	43	Site Area Emergency	July 19, 2021
5	53	General Emergency	July 19, 2021

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: 2021.08.05 13:58:33
-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 39

- Updated Appendix A, NOUE [Notification of Unusual Event] Initial Notification Form.
 - Page 14, Appendix A, page 1, updated Radiological Release Section.
 - Page 15, Appendix A, page 2, Section 1.0, added form completion instructions as a new section.
 - Pages 16-17, Appendix A, Section 2.0, added Radiological Release Determination Guidance as a new section.
- Updated the procedure to remove all references to pagers and the Emergency Paging System.
- Pages 10, 12, 13, and 27-28, updated the title of Appendix I to Alternate ERO [Emergency Response Organization] Activation Using TEENS [TVA Enterprise Emergency Notification System].
- Pages 30-31, updated Appendix I to replace activation of the ERO using the Emergency Pager System with an alternate activation method using TEENS.

EPIP-3, Revision 41

- Updated Appendix A, Alert Initial Notification Form.
 - Page 13, Appendix A, page 1, updated Radiological Release Section.
 - Page 14, Appendix A, page 2, Section 1.0, added form completion instructions as a new section.
 - Pages 15-16, Appendix A, Section 2.0, added Radiological Release Determination Guidance as a new section.
- Updated the procedure to remove all references to pagers and the Emergency Paging System.
- Pages 8, 11, 12, 21, and 34-35, updated the title of Appendix H to Alternate ERO Activation Using TEENS.
- Pages 34-35, updated Appendix H to replace activation of the ERO using the Emergency Pager System with an alternate activation method using TEENS.

EPIP-4, Revision 43

- Updated Appendix A, Site Area Emergency Initial Notification Form.
 - Page 13, Appendix A, page 1, updated Radiological Release Section.
 - Page 14, Appendix A, page 2, Section 1.0, added form completion instructions as a new section.
 - Pages 15-16, Appendix A, Section 2.0, added Radiological Release Determination Guidance as a new section.
- Updated the procedure to remove all references to pagers and the Emergency Paging System.
- Pages 8, 11, 12, 21, and 33-34, updated the title of Appendix H to Alternate ERO Activation Using TEENS.
- Pages 33-34, updated Appendix H to replace activation of the ERO using the Emergency Pager System with an alternate activation method using TEENS.

EPIP-5, Revision 53

- Updated Appendix A, General Emergency Initial Notification Form.
 - Page 19, Appendix A, page 2, updated Radiological Release Section.
 - Page 20, Appendix A, page 3, Section 1.0, added form completion instructions as a new section.

- Pages 21-22, Appendix A, Section 2.0, added Radiological Release Determination Guidance as a new section.
- Updated the procedure to remove all references to pagers and the Emergency Paging System.
- Pages 11, 16, 17, and 44-45, updated the title of Appendix I to Alternate ERO Activation Using TEENS.
- Pages 42-43, Appendix H, updated PAR [Protective Action Recommendation] charts to match the new PAR charts located in the REP [Radiological Emergency Plan] Generic Part.
- Pages 44-45, updated Appendix I to replace activation of the ERO using the Emergency Pager System with an alternate activation method using TEENS.