

Attachment 1

Surry Power Station Emergency Plan, Revision 64

10 CFR 50.54(q)(5) Summary

Virginia Electric and Power Company (VEPCO)

10 CFR 50.54(q)(5) Summary of Analysis for Surry Emergency Plan, Revision 64

Surry Emergency Plan (SEP), Revision 64, incorporated the changes described below. A description of why each change was not a reduction in the effectiveness of the emergency plan and the regulatory basis for each non-editorial change are provided.

Section 5.1, Normal Station Organization, was revised to replace the reference to a station procedure with the Quality Assurance Program Description (QAPD). The emergency planning standard for onsite emergency organization per 10 CFR 50.47(b)(2) and Appendix E Section IV.A.1 requirements continue to be met because the onsite organization is specified in the QAPD.

Section 6.2, Assessment Actions, was revised to add a statement that information in the Emergency Action Level (EAL) Technical Basis Document, (referenced in Appendix 10.8), contains assessment criteria and actions related to the emergency classification. The emergency planning standard for accident assessment per 10 CFR 50.47(b)(9) and Appendix E Section IV.B.1 requirements continue to be met because assessment actions are specified.

Section 7.2.2.4, Dedicated NRC Communications, was revised to update how the parametric data from the Emergency Response Data System (ERDS) is now transmitted following implementation of Design Change SU-16-01032, "PCS Data Diode System Installation". The emergency planning standard for emergency equipment per 10 CFR 50.47(b)(8) and Appendix E Sections IV.E.8.c and VI requirements continue to be met because data transmission to the NRC continues to be provided.

Editorial changes were made to the following:

1. Table of Contents, Section 1.1, Sections 5.3.2 and 5.3.3, Figures 5.3 and 5.4, Sections 6.4, 6.4.2, 6.4.3 and 6.4.4, Section 10 Appendices (10.2), Agreement Letters (State Agencies), and Appendix 10.2 to change the previous referenced names and acronyms, i.e., Virginia Commonwealth University Medical Center (VCUMC), Medical College of Virginia Hospital (MCVH), to Virginia Commonwealth University Health.
2. Section 1.1 to add hyphen to Self-Reading Dosimeter.
3. Section 5.3.3 to update title.
4. Section 7.2.2.2 to correct the description of the Early Warning System transmitter location.
5. Section 8.1 to update an executive title.
6. Section 8.3.1 and 8.3.3 to update Training Program Guide references and document number/title.
7. Table 8.1, "Scope of Training" footnote to update a reference to the plant data acquisition system.