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Sargent & Lundy Nuclear Quality Assurance Program
Topical Report SL-TR-1, Revision 24, Transmittal

United States Nuclear Regulatory Commission
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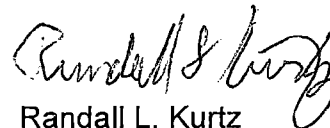
Gentlemen:

On September 6, 2016, Mr. Kevin Hsueh, Chief, Licensing Processes Branch Division of Policy and Rulemaking Office of Nuclear Reactor Regulation forwarded to me the Final Safety Evaluation for Revision 23 of S&L's Nuclear Quality Assurance Program Topical Report SL-TR-1A.

Enclosed is Revision 24 of SL-TR-1 submitted to you in accordance with 10 CFR 50.4(b)(7)(ii). Also enclosed are the justifications for the changes made in Revision 24. This Topical Report is non-proprietary. Please provide a safety evaluation for Revision 24.

If you have any questions, please contact me at 312-269-6562.

Yours very truly,



Randall L. Kurtz
Quality Assurance Manager

RLK:ARM:tls
Copies:
Enclosure
H. D. Cruz (NRC) (3/3)

T. R. White (1/0)

QAM Transmittal Letter R24.DOC

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SUMMARY OF CHANGES

Revision 24

Sargent & Lundy is submitting this draft Revision 24 of SL-TR-1 for review. The justifications for the changes in revision 24 are as follows.

1. (Chapter 00.00, Page 00-6) The commitment to Regulatory Guide 1.29 titled "Seismic Design Classification for Nuclear Power Plants" is updated to Revision 5 (July 2016). This change recognizes the updated version of Regulatory Guide 1.29 which describes a method that the NRC staff considers acceptable for use in identifying and classifying those features of light water-reactor (LWR) nuclear power plants that must be designed to withstand the effects of the safe shutdown earthquake (SSE).
2. (Chapter 00.00, Page 00-6) The commitment to Regulatory Guide 1.127 titled "Criteria and Design Features for Inspection of Water Control Structures Associated with Nuclear Power Plants" is updated to Revision 2 (February 2016). This change recognizes the updated version of Regulatory Guide 1.127 which describes a method that the NRC staff considers acceptable for designing water control structures (e.g., dams, slopes, canals, reservoirs, and associated conveyance facilities).
3. (Chapter 00.00, Page 00-6) A commitment is added to Revision 0 (January 2017) of Regulatory Guide 1.231 titled "Acceptance of Commercial-Grade Design and Analysis Computer Programs Used in Safety-Related Applications for Nuclear Power Plants". This change recognizes the initial issuance of Regulatory Guide 1.231 which describes a method that the NRC staff considers acceptable in meeting regulatory requirements for acceptance and dedication of commercial-grade design and analysis computer programs used in the safety-related applications of nuclear power plants.
4. (Chapter 01.01, Pages 01-2, 01-6 and 01-8) A change in commitment was made to identify that the QA Manager is now responsible for "reviewing software verification and validation documentation". This change is made in accordance with Section 17.3.A.2.a of NUREG-0800. This review is performed after the responsible design organization has completed and documented the testing to demonstrate proper performance. The technical preparation, review and approval of the testing documentation continues to be the responsibility of the responsible design organization.
5. (Paragraph 17.09, Pages 17-3 and 17-4) A change was made to allow magnetic disk or tape cartridge backups of electronic media. This change is to allow flexibility in the media used for backups by Sargent & Lundy. An additional change was made in this section to allow storage at a records storage facility or "in separate remote locations". This change is in accordance with ASME NQA-1-1994 Supplement 17S-1 4.4.4 "Dual Storage Facilities."