

SNUPPS

Standardized Nuclear Unit
Power Plant System

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Executive Director

January 14, 1980

SLNRC 80-3 FILE: 0540
SUBJ: SNUPPS FSAR Review

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, D. C. 20555

Docket Nos. STN 50-482, STN 50-483, STN 50-485, STN 50-486

Ref.: NRC letter from Olan D. Parr, dated November 20, 1979, to
J. K. Bryan - Union Electric Co.

Dear Mr. Denton:

The referenced letter indicated that the NRC was not able to perform an acceptance review of the SNUPPS Final Safety Analysis Report (FSAR) and the Callaway operating license (OL) application. The reason given for the review delay was related to the Three Mile Island accident that occurred over nine months ago. The SNUPPS Utilities believe that the NRC should have made the necessary adjustments in order to be able to proceed with the reviews of license applications. A review to determine if the SNUPPS FSAR and Callaway OL application are complete and acceptable for docketing should have been conducted within 30 days of receipt. This review should now be conducted immediately.

The SNUPPS FSAR is a complete document and rigorous attention was given to NRC requirements during the FSAR preparation. The SNUPPS FSAR includes the information requirements of Revision 3 to the Standard Format and Content for Safety Analysis Reports. All of the Regulatory Requirements Review Committee's Category 2, 3, and 4 items have been addressed and are indexed in FSAR Section 1.9. Questions asked by the NRC of applicants that referenced RESAR-3 during their construction permit review have been answered in SNUPPS FSAR Section 1.10. Appendix 3A provides responses to all Division 1 Regulatory Guides through 1.144 and the most recent revision to the Regulatory Guides through April 1979. Appendix 3B provides the results of integrated hazards analyses that were performed to assure that the SNUPPS design provides protection against tornadoes, floods, missiles, pipe breaks, fires, and seismic events. FSAR Section 1.3 compares parameters and features of SNUPPS with other nuclear plants and also provides all significant changes that have been made in the plant since the review of the PSAR was completed.

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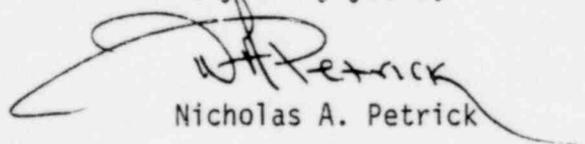
Sections 3.10 and 3.11 provide much more detailed information on equipment seismic and environmental qualification than has been provided in other recent FSARs.

Efforts to improve and add to the FSAR are continuing. As noted in the foreword to the SNUPPS FSAR, Section 15.6.5 describes the methods and models used in the loss-of-coolant accident analysis. The actual analysis results which were not available for incorporation in the FSAR are now available, show compliance with the 10CFR50.46 acceptance criteria, and will be incorporated in the first SNUPPS FSAR revision. FSAR material is being prepared to address the TMI short-term lessons learned and to address the NRC's October 18, 1979 requests for additional information concerning the SNUPPS fire protection system.

Throughout the two-year preparation period of the SNUPPS FSAR, considerable use was made of the NRC Standard Review Plan for each FSAR section. In addition, NRC requests for additional information issued to other OL applicants were used to provide a complete FSAR and to enhance the OL review process. After receiving the referenced letter, acceptance review questions for previous FSARs were again reviewed in detail to determine applicability to the SNUPPS FSAR. This review involved 885 questions asked of five recent applications. Only six percent of these were considered to request applicable information that may not already be addressed in the SNUPPS FSAR. Therefore, it is apparent that the SNUPPS FSAR is more responsive to NRC requirements than other tendered FSARs. Any additional information that the NRC may require will be provided during the course of the review.

The SNUPPS Utilities have submitted a complete and thorough FSAR that is applicable to four duplicate plants. The remainder of the Callaway application was submitted in October 1979 and the Wolf Creek application will be tendered in the very near future. The NRC should docket the SNUPPS FSAR and the Callaway OL application, and should establish a review schedule promptly. Your attention to this matter will be appreciated.

Very truly yours,


Nicholas A. Petrick

RLS:dck

cc: J. E. Arthur RGE
J. K. Bryan UE
G. L. Koester KGE
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