

SNUPPS

Standardized Nuclear Unit
-- Plant System

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Nicholas A. Petrick
Executive Director

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SLNRC 84- 0045 FILE: 0278
SUBJ: Equipment Qualification


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

Docket Nos. STN 50-482 and STN 50-483

Dear Mr. Denton:

The enclosure provides additional information regarding several equipment qualification issues which have recently been identified by the NRC staff.

Very truly yours,



Nicholas A. Petrick

MHF/nld9a14
Enclosure

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Enclosure

Additional Equipment Qualification Information

I. Environmental Qualification

A. Electrical Equipment

1. All electrical equipment reviewed to the requirements of 10CFR 50.49 has been qualified or justifications for interim plant operation have been prepared and submitted to the NRC staff. The status of equipment qualification is described in greater detail in Section II of the SNUPPS "Report of Independent Review of Environmental Qualification Programs to NUREG-0588" which was submitted by letter SLNRC 83-0015 (3/10/83) and revised by letters SLNRC 83-0030 (5/27/83) and SLNRC 84-0013 (2/1/84). Justifications for interim operation have been provided in SLNRC 84-0009 (1/27/84) and SLNRC 84-0034 (2/23/84).

B. Mechanical Equipment

1. A final report of the mechanical equipment review will be issued. This report will document that all safety-related mechanical equipment reviewed under the SNUPPS Mechanical Equipment Review Program has been determined to be environmentally qualified or justifications for interim operation will be included.

II. Seismic Qualification

- A. The process of evaluation and reconciliation of as-built reactor coolant system (RCS) loads for the Calaway Plant has not been totally completed at this time. However, the evaluation of the steam generator and reactor coolant pump RCS nozzle loads has been completed; and, in all cases, the as-built stresses are within Code-allowable limits.
- B. The original fuses in 4.16 kV switchgear at the SNUPPS plants are being replaced with fuses which have been seismically qualified under specification E-018, "Motor Control Centers". Design Change Packages and Field Change Work Plans have been issued to effect this change at both SNUPPS plants. The qualification documents for E-018 were reviewed by the NRC staff during the seismic qualification audits for the SNUPPS plants.

- C. A description of the Wolf Creek document retrieval system was presented to the NRC audit team during the Seismic Qualification Review Team (SQRT) audit of the SNUPPS plants; the NRC audit team did not identify this issue as open at the Wolf Creek exit meeting. The document retrieval system described at the SQRT audit will be implemented prior to fuel load at Wolf Creek.

III. Pump and Valve Operability

- A. As requested during the Pump and Valve Operability review, the SNUPPS FSAR will be updated in a future revision to incorporate a listing of active pumps and valves within the BOP scope of supply.
- B. All active safety-related pumps and valves have been qualified for operability as described in SNUPPS FSAR Sections 3.9(B)3.2.2 and 3.9(N)3.2. Because operability includes consideration of seismic and environmental qualification, the justifications for interim operation which have been submitted to the NRC for seismic and environmental qualification programs should be considered applicable to the operability review of pumps and valves.