

SNUPPS

Standardized Nuclear Unit
Power Plant System

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Nicholas A. Petrick
Executive Director

October 18, 1982

SLNRC 82- 041FILE: 0278
SUBJ: Seismic Analysis

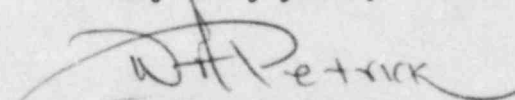
Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Docket Nos. STN 50-482 and STN 50-483
Reference: SLNRC 81-62, dated August 30, 1981

Dear Mr. Denton:

Enclosure 2 to the referenced letter provided a report of the comparison of the finite element method and the lumped mass method of seismic analysis for selected SNUPPS structures. This comparison was provided in response to a request by the NRC's Structural Engineering Branch. The report has recently been updated to include the effects of a design spectrum suggested by Lawrence Livermore National Laboratory for the Wolf Creek site and modifications to the elastic half-space analysis computer code made since the original report. The revised report is attached.

Very truly yours,


Nicholas A. Petrick

MHF/nld

Enclosure: Comparison of Finite Element and Lumped Mass Seismic
Analysis Methods for Selected SNUPPS Buildings, Rev. 1,
June, 1982

cc: G. L. Koester KGE J. H. Neisler USNRC/Cal
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