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June 4, 1985

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Director, Office of Nuclear Reactor Regulation
Attention: Mr. J. A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Subject: Docket No. 50-206
SEP Topic III-6, Seismic Design Considerations
Long Term Seismic Criteria and Methodology
San Onofre Nuclear Generating Station
Unit 1

Over the past few months, several meetings were held between SCE and members of the NRC staff and their consultants to review the proposed criteria and methodology to be used for the Long Term Service Seismic Reevaluation of San Onofre Unit 1. During these meetings, the NRC requested that additional information be provided on several specific subjects. The purpose of this letter is to provide this requested information. In addition, a status report has been prepared, identifying all the action items which have resulted from the NRC staff review of this subject. Also, a report has been prepared providing additional technical basis for the strain criteria which is proposed for the seismic piping analysis.

Accordingly, enclosed are 3 copies of each of the following reports:

1. "SONGS-1 Long Term Service Seismic Reevaluation Program Status Report for all Action Items Identified from the NRC Letter dated March 27, 1985," dated May 31, 1985.
2. "SAN ONOFRE NUCLEAR GENERATING STATION UNIT 1, Long Term Seismic Reevaluation Program, Technical Basis for Piping Strain Limits and Development of Linear, Elastic Analysis Methodology," dated May 31, 1985.
3. "Revised Test Problems, SONGS-1 Long Term Service Seismic Program," Impell Report No. 01-0310-1398, Revision 0, dated May 31, 1985.
4. "Report on Studies of Soil Modulus and Damping, San Onofre Site" dated June 4, 1985.

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J. A. Zwolinski

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If you have any questions or desire additional information, please contact me.

Very truly yours,

m. j. medford

Enclosures

cc: M. J. Russell (EG&G Idaho)
Long-Chin Shieh (LLNL)
N. C. Tsai (NCT Engineering)