



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

September 19, 1985

Docket No.: 50-206  
LS05-85-09-016

Mr. Kenneth P. Baskin, Vice President  
Nuclear Engineering  
Safety and Licensing Department  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

Dear Mr. Baskin:

SUBJECT: LONG TERM SERVICE (LTS) SEISMIC CRITERIA AND METHODOLOGY  
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 1

*See  
repts*

By letter dated March 12, 1985, you submitted a report which describes the analysis methods and acceptance criteria that you propose to use to complete the seismic reevaluation for San Onofre Unit 1. Supporting information was provided in letters dated March 29, April 15, April 30, May 14, June 4, July 19, and August 2, 1985, as well as during meetings on February 12, February 27, April 1-2, April 30-May 1, June 10-11, and July 1-2, 1985.

The staff issued the results of a preliminary review of your proposal in a letter dated March 27, 1985, which identified issues requiring resolution prior to implementation of the plan. The enclosed safety evaluation report (SER) provides the results of the staff's review of your proposed LTS methodology and criteria. The issues addressed in the enclosed evaluation have been discussed extensively with your staff and consultants. While some of the alternative criteria and methods continue to be explored, we believe that this evaluation provides a sufficient basis for the Southern California Edison Company to complete implementation of the LTS plan.

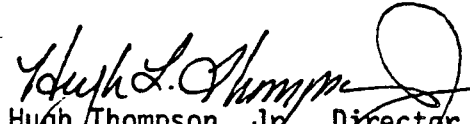
The staff concludes that the proposed methods and criteria, as modified by and with the reservations and limitations noted in the staff's evaluation, provide a reasonable basis to complete the seismic reevaluation of San Onofre Unit 1 and to design any plant modifications necessary to ensure the plant's capability to withstand a 0.67g modified-Housner ground response spectrum earthquake. This evaluation also identifies those specific areas which require particular attention during your implementation of the LTS program.

Mr. Kenneth P. Baskin

- 2 -

Should you have any questions concerning this evaluation, please contact Christopher Grimes (301-492-8414).

Sincerely,



Hugh Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosures:  
See Attached List

Mr. Kenneth P. Baskin  
Southern California Edison Company

San Onofre Nuclear Generating Station  
Unit No. 1

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General Counsel  
James Beoletto, Esquire  
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Mr. Hans Kaspar, Executive Director  
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1516 - 9th Street  
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Regional Administrator, Region V  
U.S. Nuclear Regulatory Commission  
1450 Maria Lane  
Walnut Creek, California 94596

September 19, 1985

Mr. Kenneth P. Baskin

- 2 -

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Sincerely,

Original signed by: H. L. Thompson

Hugh Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

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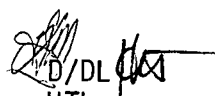
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Mr. Kenneth P. Baskin

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Should you have any questions concerning this evaluation, please contact Christopher Grimes (301-492-8414).

Sincerely,

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

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Because of the nature of the seismic analyses at this time, there are certain aspects of the staff's review that are incomplete or dependent on the analysis results. These issues are summarized in the conclusion of the SER and will be addressed as part of the staff's audit review of your implementation of the LTS program, which will include an independent confirmatory analysis of at least one piping subsystem.

Should you have any questions concerning this evaluation, please contact Christopher Grimes (301-492-8414).

Sincerely,

Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

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