

March 15, 1981

Docket No. 50-206
LS05-81-03-031

Mr. R. Dietch, Vice President
Nuclear Engineering and Operations
Southern California Edison Company
2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770

Dear Mr. Dietch:

Due to a resource limitations caused by contested seismic hearings the staff final decision on the SONGS 1 seismic input ground motion has been delayed. Based upon our review of the information that you presented in the December 4, 1980 meeting, it does not appear likely that an acceptable free field spectrum will be lower than the 2/3g Housner Spectrum. However, you may consider the recent NRC guidelines for performing Soil Structure Interaction Analysis which provide limits for reduction of input motion at the structure foundation and the guidance contained in NUREG/CR-0098, "Development of Criteria for Seismic Review of Selected Nuclear Power Plants" in performing your reanalysis. You should continue your seismic reanalysis program using the 2/3g Housner ground response spectrum as directed by our August 4, 1980 letter until the final NRC staff decision is made.

If our final decision on seismic input ground motion is greater than 2/3g Housner spectrum, we would evaluate the margins that are shown to exist in the structures, systems and components to determine if reanalysis using a higher spectra is necessary.

We request your response within 20 days indicating your intent with respect to continued reanalysis.

Sincerely,

Original signed by
Dennis M. Crutchfield

Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
Division of Licensing

cc: See next page

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OFFICE	SEPB:DL <i>mc</i>	SEPB:DL:SL	SEPB:DL:C <i>WR</i>	ORB#5:DL:PM <i>SN</i>	ORB#5:DL:C <i>mc</i>	AD:SA:DL <i>GL</i>	D:DL <i>DE</i>
SURNAME	TCheng:dk	RHermann	WRussett	SNowicki	DCrutchfield	GLinas	DEisenhut
DATE	3/4/81	3/4/81	3/4/81	3/5/81	3/6/81	3/9/81	3/5/81



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

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Operating Reactors Branch No. 5
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Mr. R. Dietch

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SAN ONOFRE NUCLEAR
GENERATION STATION,
UNIT NO. 1
DOCKET NO. 50-206

cc:

Charles R. Kocher, Assistant
General Counsel
Southern California Edison Company
Post Office Box 800
Rosemead, California 91770

David R. Pigott
Samuel B. Casey
Chickering & Gregory
Three Embarcadero Center
Twenty-Third Floor
San Francisco, California 94111

Jack E. Thomas
Harry B. Stoehr
San Diego Gas & Electric Company
P. O. Box 1831
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Resident Inspector
c/o U. S. NRC
P. O. Box AA
Oceanside, California 92054

Mission Viejo Branch Library
24851 Chrisanta Drive
Mission Viejo, California 92676

Mayor
City of San Clemente
San Clemente, California 92672

Chairman
Board of Supervisors
County of San Diego
San Diego, California 92101

California Department of Health
ATTN: Chief, Environmental
Radiation Control Unit
Radiological Health Section
714 P Street, Room 498
Sacramento, California 95814

Director, Technical Assessment
Division
Office of Radiation Programs
(AW-459)
U. S. Environmental Protection
Agency
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection
Agency
Region IX Office
ATTN: EIS COORDINATOR
215 Freemont Street
San Francisco, California 94111



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