

February 9, 1981

Docket No. 50-206
LS05-81-02-020

DISTRIBUTION
Docket
NRC PDR
Local PDR
ORB Reading
DEisenhut
RPurpfe
TNovak
RTedesco
GLainas
DCrutchfield
HSmith
SNowicki
OELD
OI&E (3)
NSIC
TERA
ACRS (10)



W. T. Russell
T. Cheng
B. Hermann

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 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. 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. 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 C/R 0098, "Development of Criteria for Seismic Review of Selected Nuclear Power Plants" in performing your reanalysis.

If the final staff decision on seismic input ground motion results in a spectrum greater than 2/3g Housner the margins that are shown to exist in the structures, systems and components at the 2/3g Housner Spectrum could be used as justification to preclude reanalysis at the higher spectrum.

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

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

cc: See next page

8105040005

* Discussed in detail and verbally concurred on 1/29/81 before ACRS Subcommittee MTC.

DE: SER
WTL for 1/29/81
Schauer *
DE: AD C&E
WTL for 1/29/81
J. Knight *

WTL for 1/29/81

OFFICE	DL: OEB #4	DL: SEPB	DL: SEPB	DE: GE	DL: OEB #5	DL: AD/SA	DL: TR
SURNAME	SNowicki:cc	TCheng	WRussell	Jacobson	DCrutchfield	GLainas	DEisenhut
DATE	1/30/81	1/30/81	1/30/81		1/29/81	2/9/81	2-9-81



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

February 9, 1981

Docket No. 50-206
ES05-81-02-020

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 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. 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. 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 C/R 0098, "Development of Criteria for Seismic Review of Selected Nuclear Power Plants" in performing your reanalysis.

If the final staff decision on seismic input ground motion results in a spectrum greater than 2/3g Housner the margins that are shown to exist in the structures, systems and components at the 2/3g Housner Spectrum could be used as justification to preclude reanalysis at the higher spectrum.

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

Sincerely,

Dennis M. Crutchfield
Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

- cc: See next page

Mr. R. Dietch

- 2 -

February 9, 1981

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
San Diego, California 92112

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, Criteria and Standards
Division
Office of Radiation Programs
(ANR-460)

U. S. Environmental Protection
Agency
Washington, D. C. 20460

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