

FROM: Southern California Edison Company Rosemead, California 91770 J. B. Moore		DATE OF DOCUMENT: 9-21-71		DATE RECEIVED: 9-24-71		NO.: 4152	
TO: Dr. Morris		LTR: <input checked="" type="checkbox"/>		MEMO: <input type="checkbox"/>		REPORT: <input type="checkbox"/>	
		ORIG.: 1		CG: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	
		ACTION NECESSARY <input type="checkbox"/>		CONCURRENCE <input type="checkbox"/>		DATE ANSWERED:	
CLASSIF: U		POST OFFICE		NO ACTION NECESSARY <input type="checkbox"/>		COMMENT <input type="checkbox"/>	
REG. NO:		FILE CODE: 50-361		50-362		BY:	
DESCRIPTION: (Must Be Unclassified)		REFERRED TO		DATE		RECEIVED BY	
Ltr re our 9-16-71 ltr & meeting W/DRL on 9-20-71...trans the following:		Geller		9-27-71			
		W/4 cys for ACTION					
		DISTRIBUTION:					
		Reg Files (2) (1 ea docket)					
		AEC PDR (2) (1 ea docket)					
		Compliance (2)					
ENCLOSURES: Proposed Program of Offshore Geophysical Exploration by Western Geophysical Co. for San Onofre Units 2 & 3.		OCC, RmP506A					
		H. Price & Staff					
		Morris/Schroeder					
		Dube/Wilson					
		Skovholt					
REMARKS: 1-SAN PDR 1-PLA PDR Dist: per R. A. Birkel		Boyd					
		DeYoung					
		Denton					
		Case/Maccary				4152	
						fod	

U.S. ATOMIC ENERGY COMMISSION

MAIL CONTROL FORM FORM AEC-3265 (8-60)

Southern California Edison Company

P. O. BOX 351

LOS ANGELES, CALIFORNIA 90053

JACK B. MOORE
VICE PRESIDENT

September 21, 1971

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50-362
SCE

Regulatory

File Cy.

We've moved
our General Office to
2244 Walnut Grove Avenue
Rosemead, California 91770
(213) 572-2292

Dr. Peter A. Morris, Director
Division of Reactor Licensing
United States Atomic Energy Commission
Washington, D.C. 20545

Dear Dr. Morris:

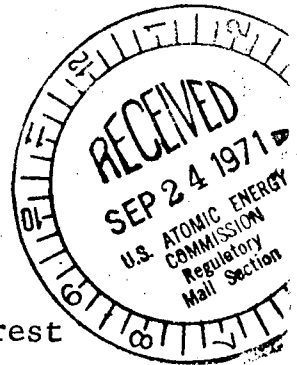
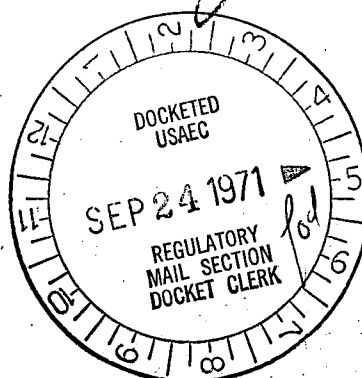
This letter will acknowledge receipt of your letter of September 16, 1971, wherein you express interest in additional investigations and explorations which we would propose to conduct offshore at the San Onofre site to provide additional data and information that can be used to establish appropriate seismic criteria for the San Onofre Station.

An outline of the proposed program, as presented to your staff and representatives from USGS and NOAA in a meeting held on September 20, 1971, is attached. It is our understanding that the advanced geophysical technique to be used in the program is viewed by you as one that will allow us to expand the basis of geological and seismological data upon which past interpretations of offshore geology and seismology have been made, and it is based on this understanding that we are proceeding with the program.

We also appreciate the opportunity to continue to meet with you as additional bases for seismic design criteria at San Onofre are developed.

Very truly yours,

Enclosure



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Received w/ltir Dated 9-21-71

PROPOSED PROGRAM OF OFFSHORE GEOPHYSICAL EXPLORATION

by

WESTERN GEOPHYSICAL COMPANY

for

SAN ONOFRE UNITS 2 AND 3

1. Obtain Western Proprietary Spec Data Pt I
San Diego Area, 1970, and Phase I Outer Banks
750 miles
2. Acquisition of Data (See Program Map)
 - a) Seismic Reflection, AQUAPULSE[®] array, Model C
guns, Sum 4,1200%, one mile cable, digital
recording 232 miles.
 - b) Sea magnetometer data, analog recording, 360 miles.
 - c) Seismic Refraction, 4 profiles.
Includes Vessel (Western Crest), crew, and position
surveying (Shoran).
3. Seismic Reflection Processing,
Sum 4,1200% stack, deconvolved before stack;
velocity analysis (VELAN[®]) every two miles, 232 miles.
4. Magnetometer Data Processing,
Regional correction, profile and map presentation,
360 miles.
5. Seismic Refraction Processing, Four Profiles.

6. Velocity Analysis (VELAN[®]), additional located for specific geologic control, approximately 20 VELANS[®].
7. Seismic Section Full-Waveform Migration, approximately 100 miles.
8. Average Velocity Section with Internal Velocity distribution, approximately 50 miles.
9. Interpretation Seismic and Magnetic Data, Geologic Integration, and Reporting, 1000 miles.