

JACK B. MOORE
VICE PRESIDENT

February 17, 1976

Director of Nuclear Reactor Regulation
 ATTN: Mr. H. R. Denton, Director
 Division of Site Safety and
 Environmental Analysis
 U. S. Nuclear Regulatory Commission
 Washington, D. C. 20555



Gentlemen:

SUBJECT: Docket #50-361 and 50-362
San Onofre Nuclear Generating
Station Units 2 and 3

This letter forwards three originals of the San Onofre Units 2 and 3 Preoperational Monitoring Program. Forty copies will be submitted under separate cover. This program has been developed pursuant to Section 3.E.3 of the Construction Permits for San Onofre Units 2 and 3. That section calls for expansion of the San Onofre Unit 1 Environmental Monitoring Program in connection with the construction of Units 2 and 3.

As requested by Mr. B. J. Youngblood in a meeting held on November 1, 1974, at the NRC Offices in Rockville, Maryland, we acknowledge the following two additional conditions related to the construction of Units 2 and 3:

- (1) "A control program shall be established by the Applicants to provide for a periodic review of all construction activities to assure those activities conform to the environmental conditions set forth in the construction permit."
- (2) "Before engaging in a construction activity which may result in a significant adverse environmental impact that was not evaluated or that is significantly greater than that evaluated in the Environmental Statement, the Applicants shall provide written notification to the Director of Licensing, U. S. Nuclear Regulatory Commission."

In response to these additional conditions, we intend to implement the control program described by the document entitled



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"Environmental Monitoring Administration Controls Program Manual," which was forwarded to the Commission by letter dated March 21, 1975 in Docket 50-206. This control program will be implemented in connection with the Preoperational Monitoring Program by about March, 1976.

The Preoperational Monitoring Program includes the following Special Studies:

- (1) Construction Monitoring Program
 - (a) Erosion Control During Construction
 - (b) Construction Dewatering Discharge
 - (c) Construction Monitoring of Conduit Construction and Sand Disposal
- (2) Terrestrial Biology Study
- (3) Thermal Exception Study

All of the Special Studies are in progress. All elements of the Preoperational Monitoring Program will begin at least two years prior to the fuel loading of San Onofre Unit 2.

This letter also forwards three reports which present and support the position that no additional hydraulic modeling to determine the impact of the circulating water system on the environment need be included in the Preoperational Monitoring Program. These reports are:

- (1) "Itemized Summary Discussion of Specific Areas of Concern for San Onofre Nuclear Generating Station Units 2 and 3 Thermal Modeling," by Southern California Edison Company. This report, prepared by the Applicants, answers questions raised by the NRC staff on June 20, 1974 concerning the thermal effects of the Units 2 and 3 diffuser outfall.
- (2) "Interpretation of Results from Hydraulic Modeling of Thermal Outfall Diffusers for the San Onofre Nuclear Power Plant," by the California Institute of Technology (Cal Tech). This report summarizes work done by Cal Tech to develop the final diffuser outfall configuration. It describes the diffuser system and includes additional information on several aspects of the diffuser's performance to be expected. The possible interactions of diffuser

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