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April 23, 1971

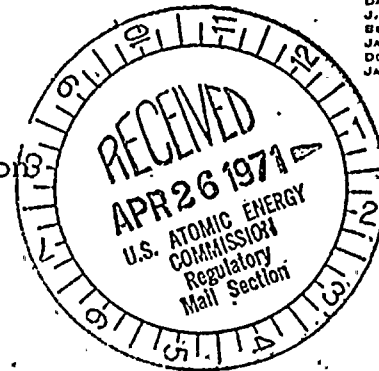
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United States Atomic Energy Commission
Washington, D. C. 20545

Attention: Mr. Harold L. Price
Director of Regulation

Gentlemen:



DOCKET NO. 50-275 - UNIT 1 - DIABLO CANYON SITE

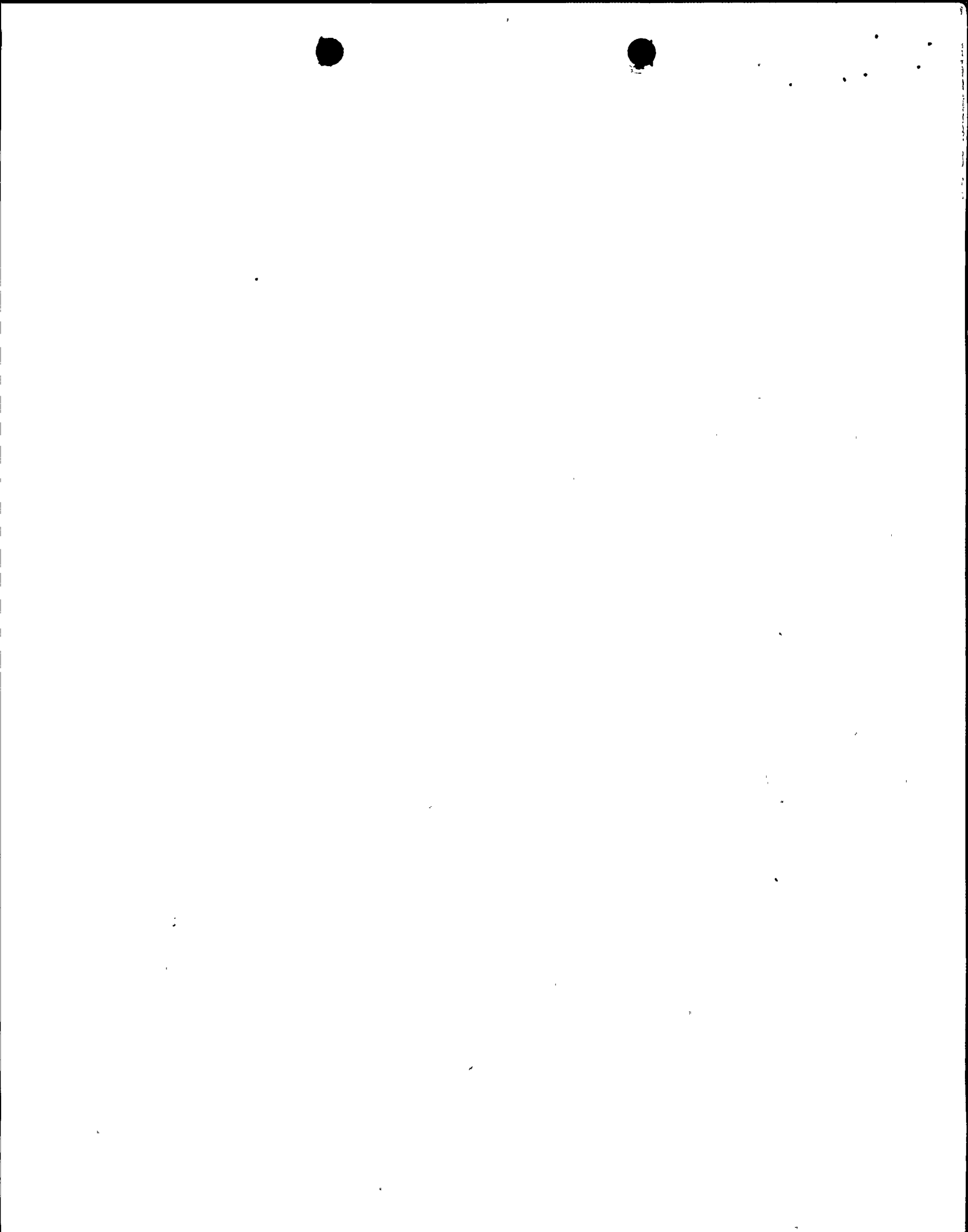
This letter responds to your February 9, 1971 letter regarding the requirements under the National Environmental Policy Act as reflected in the revised Appendix D to 10 CFR Part 50 with reference to the construction permit issued April 23, 1968, for Unit 1 at PG&E's Diablo Canyon Site. The response is in three parts answering respectively the requirements as stated on page 2 of your letter.

1. ENVIRONMENTAL REPORT. Preparation of an Environmental Report is well under way. The report will cover both Units 1 and 2 at our Diablo Canyon site because we found this manner of presentation to be the most meaningful. In preparing the report we have attempted to follow the AEC's most recent "Guide To The Preparation Of Environmental Reports For Nuclear Power Plants", a copy of which you forwarded to us with your letter of March 12, 1971. We believe we will be in a position to file the report during the month of June 1971.

2. STANDARDS AND REQUIREMENTS FOR THE PROTECTION OF THE ENVIRONMENT. The following steps have been taken by PG&E to comply with standards and requirements for the protection of the environment as imposed by Federal and State law or by agreements which are applicable to the Unit 1 facility. Federal and State approvals already received by the Company are cited. So far as we know all necessary approvals for construction of Unit 1 have been obtained.

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a) Resources Agency, State of California: On December 6, 1966, the State of California, acting through its Resources Agency, and PGandE entered into an agreement relating to the construction and operation of a plant at Diablo Canyon. The Resources Agency acted on behalf of the Departments of Conservation, Water Resources, Parks and Recreation, Fish and Game, and Harbors and Watercraft. A copy of the agreement is attached. While execution of the agreement was not required by Federal or State law, the investigations and studies performed pursuant to the agreement and the performance by PGandE of its other obligations under the agreement, formed the basis for other governmental actions which were required by law. The agreement, accordingly, is referred to for this purpose.

Pursuant to the agreement, PGandE acting in concert with governmental agencies; performed, is performing, or will perform the following environmental studies:

OCEANOGRAPHY

Bottom Contour Map

Tides

Temperatures - Surface Infrared
Surface Continuous
Vertical

Salinity

Currents - Metered
Drogues

Dissolved Oxygen

Turbidity

Dye Dispersion

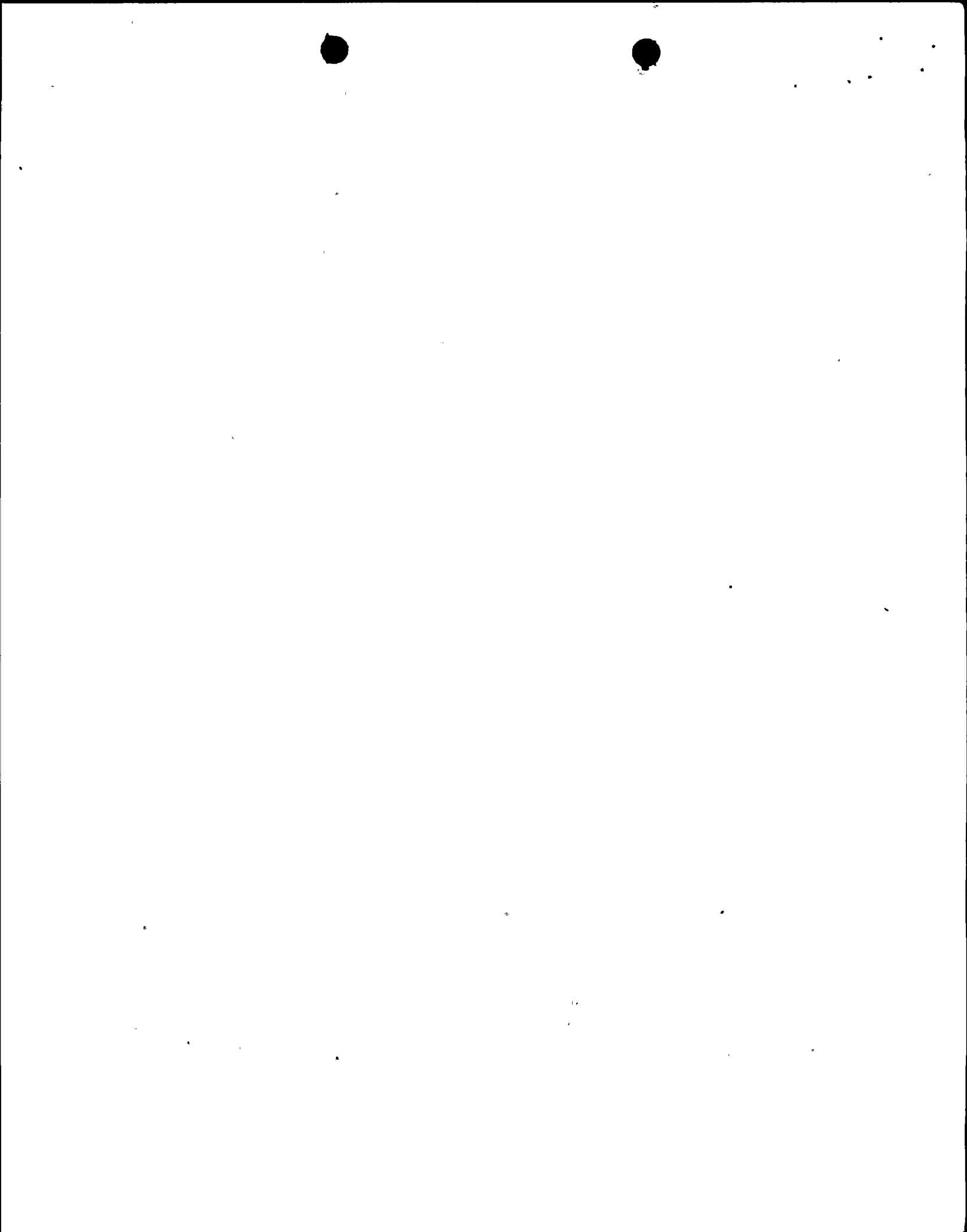
Kelp Distribution

Literature Search and Compilation of Data from
Existing Studies

ECOLOGY

Preliminary Reconnaissance Dives

Survey - Qualitative PGandE
Qualitative Consultant
Qualitative Dept. of Fish and Game
Quantitative PGandE
Quantitative Consultant
Quantitative Dept. of Fish and Game



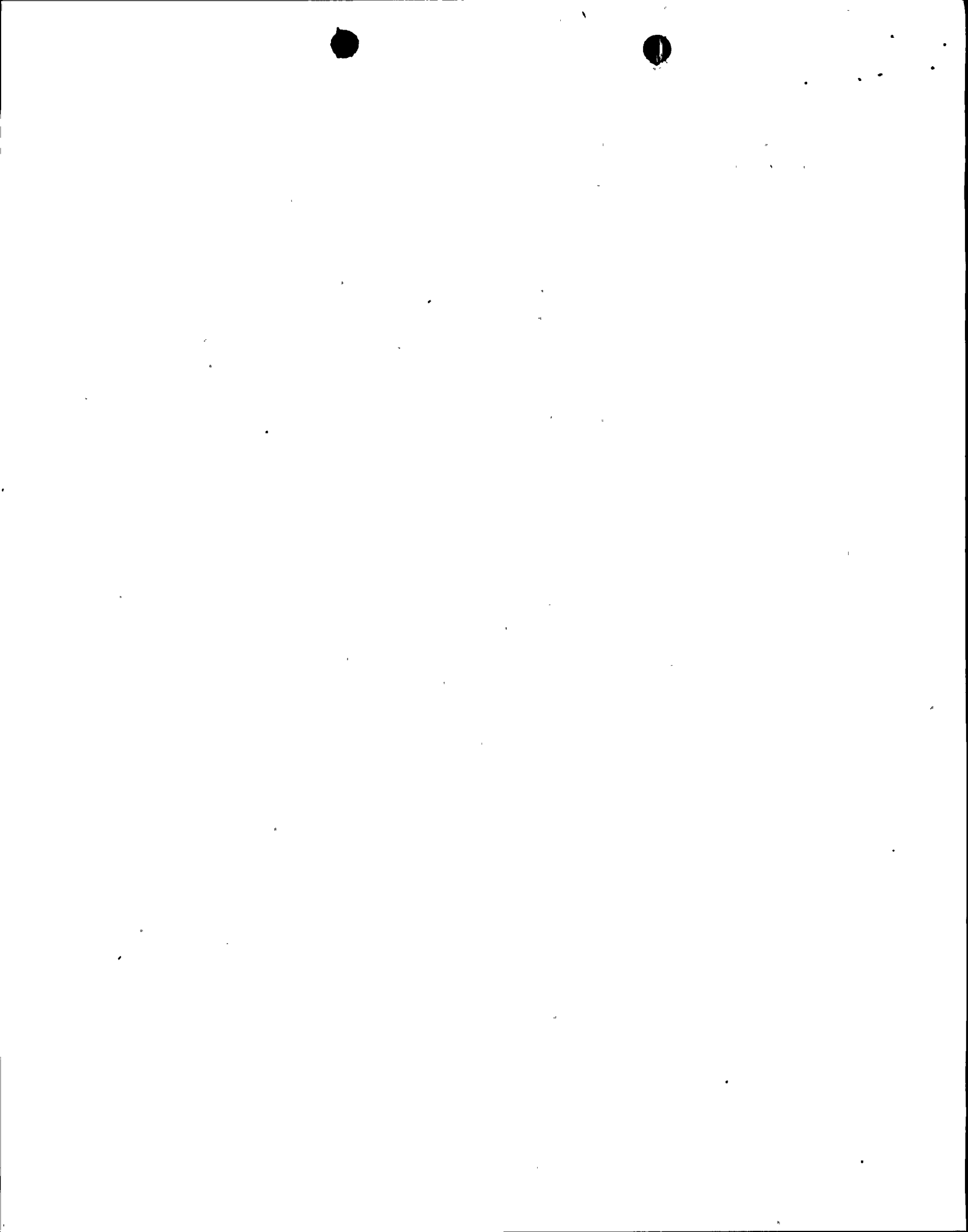
PREDICTIONS

Plume Characteristics and Distribution
Effects on Principal Ecological Communities
Effects on Other Beneficial Uses

OTHERS

Meteorological Measurements

- b) California Public Utilities Commission: In compliance with California Public Utilities Code, PGandE obtained a certificate of public convenience and necessity from the CPUC on November 8, 1967. The action of this Commission was based in part upon the environmental studies performed pursuant to the agreement with the Resources Agency as well as other governmental authorizations which had been obtained.
- c) Atomic Energy Commission: PGandE was granted a construction permit for Unit 1 on April 23, 1968.
- d) California Water Quality Control Board: The Regional Water Quality Control Board established waste discharge requirements for Units 1 and 2 and adopted them October 17, 1969. Response to compliance with the requirements of Sec. 21(b) of the Federal Water Pollution Control Act is covered by part three of this letter.
- e) State Lands Commission: PGandE received two leases of offshore lands required for the construction of a breakwater and the intake and discharge structures for the plant. The State Lands Commission considered the environmental aspects of the construction and operation in granting the leases and inserted protective conditions.
- f) Port San Luis Harbor District: The District granted PGandE a lease of an area at Port San Luis for barge unloading operations. Before the lease was granted it was reviewed by the State Department of Fish and Game, the State Lands Commission, and the Regional Water Quality Control Board.



g) California Department of Public Health: PGandE has established a radiological monitoring program in compliance with the requirements of the State Department of Public Health.

h) County of San Luis Obispo: An electric generating station is a permitted use at Diablo Canyon under the zoning ordinance of the County of San Luis Obispo. No use permit was required. A building permit was obtained which contained provision for review by the County of architectural and landscaping detail. In addition, while not required by statute or ordinance, PGandE reviewed the routes of its transmission lines from the plant with the County Planning Director and the Planning Commission of San Luis Obispo County and made changes in the routes in accordance with suggestions made by these officials.

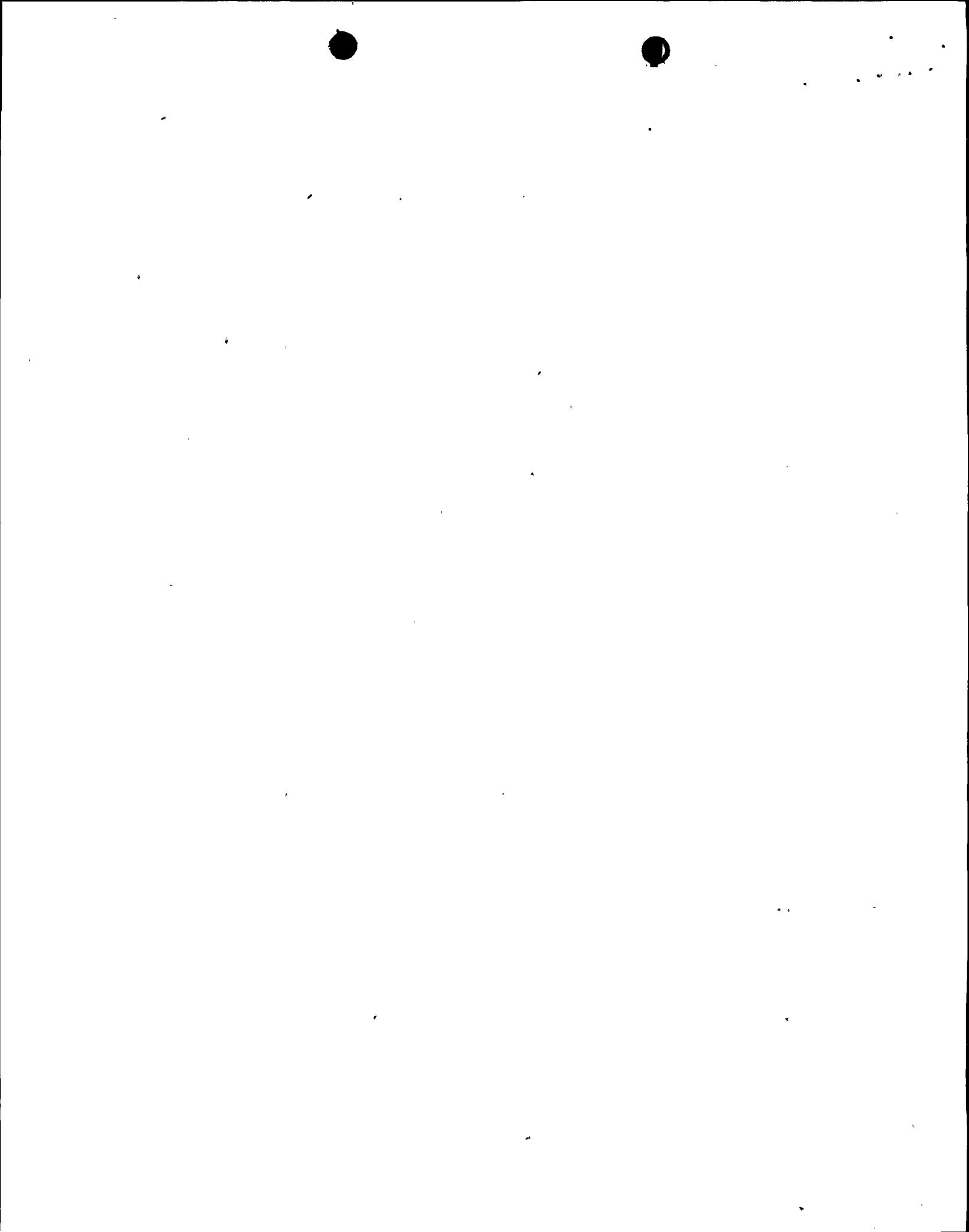
i) Other State Agency Actions: While not required by statute, PGandE retained an independent archeologist to make an archeological survey and such excavations as were warranted prior to commencing any construction. The results of these investigations have been recorded in a report for the archeological archives of the State as well as appropriate educational institutions.

Working with the State Department of Fish and Game, PGandE removed approximately 10,000 abalone from the area of its breakwater construction and planted the abalone in a substitute location.

In constructing its access road to the plantsite, PGandE constructed a portion of a proposed county road to avoid routing construction traffic through the recreational area at Avila Beach. In relocating its electric line in lands of Port San Luis Harbor District, the line was placed underground to improve the appearance of the area intended for development as a small craft harbor.

j) Federal Aviation Administration: Design details for the plant were submitted to the Federal Aviation Administration to assure no intrusion into navigable air space.

k) Bureau of Land Management: Easements for transmission lines and access roads were granted by the



Bureau of Land Management, together with the right to use offshore rocks in construction of the breakwater, under conditions designed to protect the environment.

l) U. S. Forest Service: Easements for the transmission lines and access roads were granted by the U. S. Forest Service under terms and conditions designed to protect the environment.

m) Corps of Engineers: Permits were obtained from the U. S. Army Corps of Engineers for construction of the breakwater, the intake and discharge structures, and the barge unloading area. Prior to the issuance of these permits, comments were solicited from the appropriate agencies having jurisdiction over water quality and fish and wildlife.

n) Miscellaneous Permits: Various other permits which might be construed as having an environmental impact were obtained either by the Company or by its contractors under contract specifications imposed by the Company in connection with this construction. They do not appear to be sufficiently significant to warrant elaboration.

3. COMPLIANCE WITH § 21(b) OF THE FEDERAL WATER POLLUTION CONTROL ACT. The State of California adopted a water quality policy for thermal discharges in coastal and interstate waters on January 7, 1971. The State has also adopted procedures for obtaining certification under § 21(b) of the Federal Water Pollution Control Act. The policy for thermal discharges contemplates that the Regional Water Quality Control Boards will review waste discharge requirements previously established by the Boards and revise them where necessary to comply with the recently adopted policy.

We are in the process of preparing an application to the Regional Board for review of the waste discharge requirements at Diablo Canyon and for certification. The discharge from Unit 1 will meet the State Water Quality Policy for existing and new discharges.

On January 27, 1971, the State Water Quality Policy was submitted to the Administrator of the Environmental Protection Agency for approval as required by the Federal Water Pollution Control Act. At the date of this letter it is our



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April 23, 1971
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understanding that the Administrator had not yet approved the State policy. We will keep you advised of developments with regard to this item.

Very truly yours,

F. T. Searls

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