

JUN 13 1975

Docket Nos. 50-275
and 50-323

Distribution

NRC PDR	IE (3)
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RWKlecker	LPhillips
ELD -	McDonald

Pacific Gas and Electric Company
ATTN: Mr. John C. Morrissey
Vice President & General Counsel
77 Beale Street
San Francisco, California 94106

Gentlemen:

As a result of our continuing review of the Diablo Canyon FSAR we find that we will need additional information. The specific information requested is contained in the Enclosure and concerns boron precipitation effects on long term cooling.

To maintain our review schedule, we will need your response at least by the time you submit your revised EOCs analysis. Please inform us within 14 days after receipt of this letter of your schedule for submitting a revised EOCs analysis, the EOCs information requested in my letter of April 3, 1975 and the information requested in the enclosure to this letter.

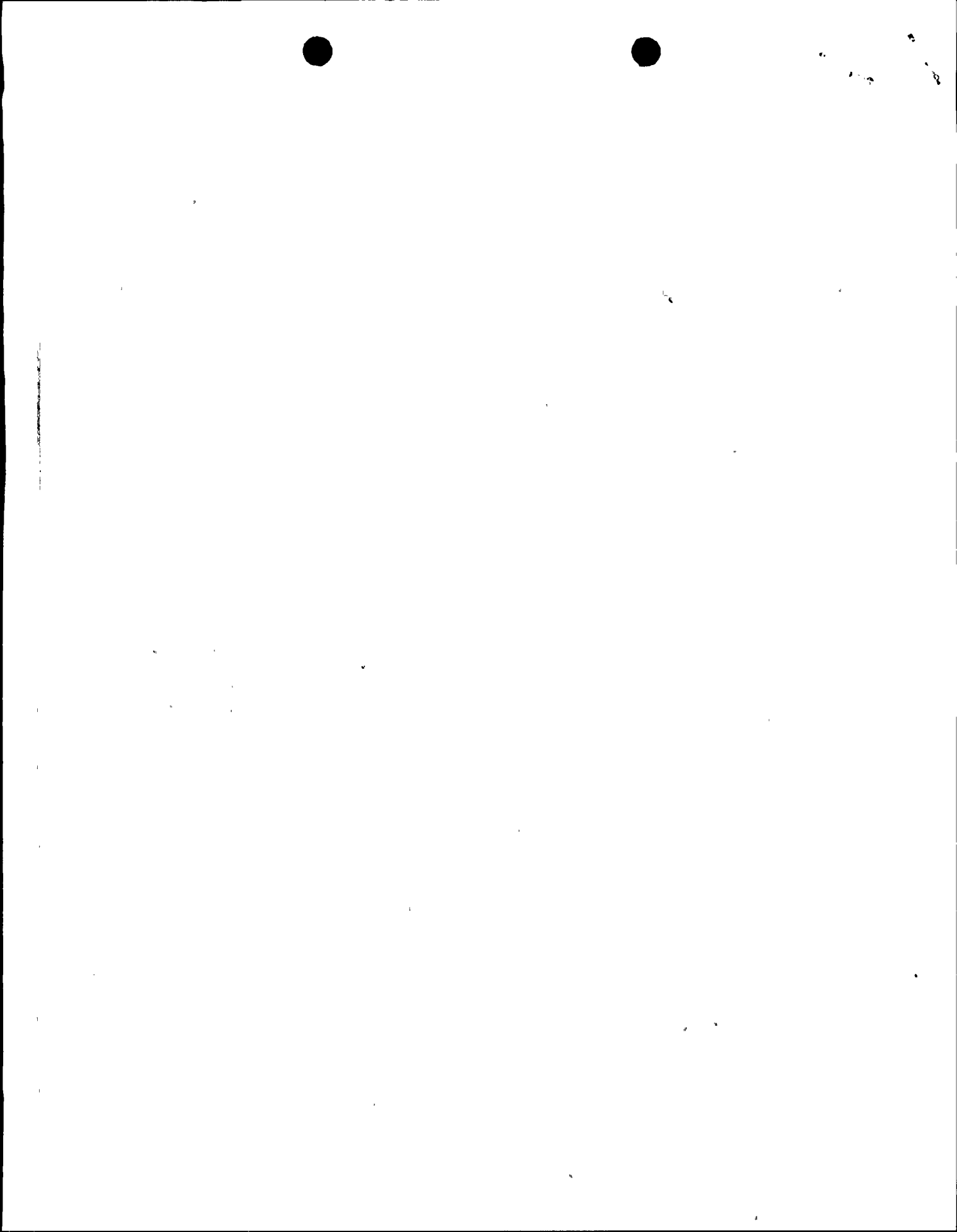
Sincerely,

Olan D. Parr, Chief
Light Water Reactors
Project Branch 1-3
Division of Reactor Licensing

Enclosure:
Request for Additional
Information

cc: See page 2

OFFICE	RL:LWR 1-3 DAllison	RL:LWR 1-3 ODParr				
SURNAME	DAllison:mk	ODParr				
DATE	6/13/75	6/13/75				



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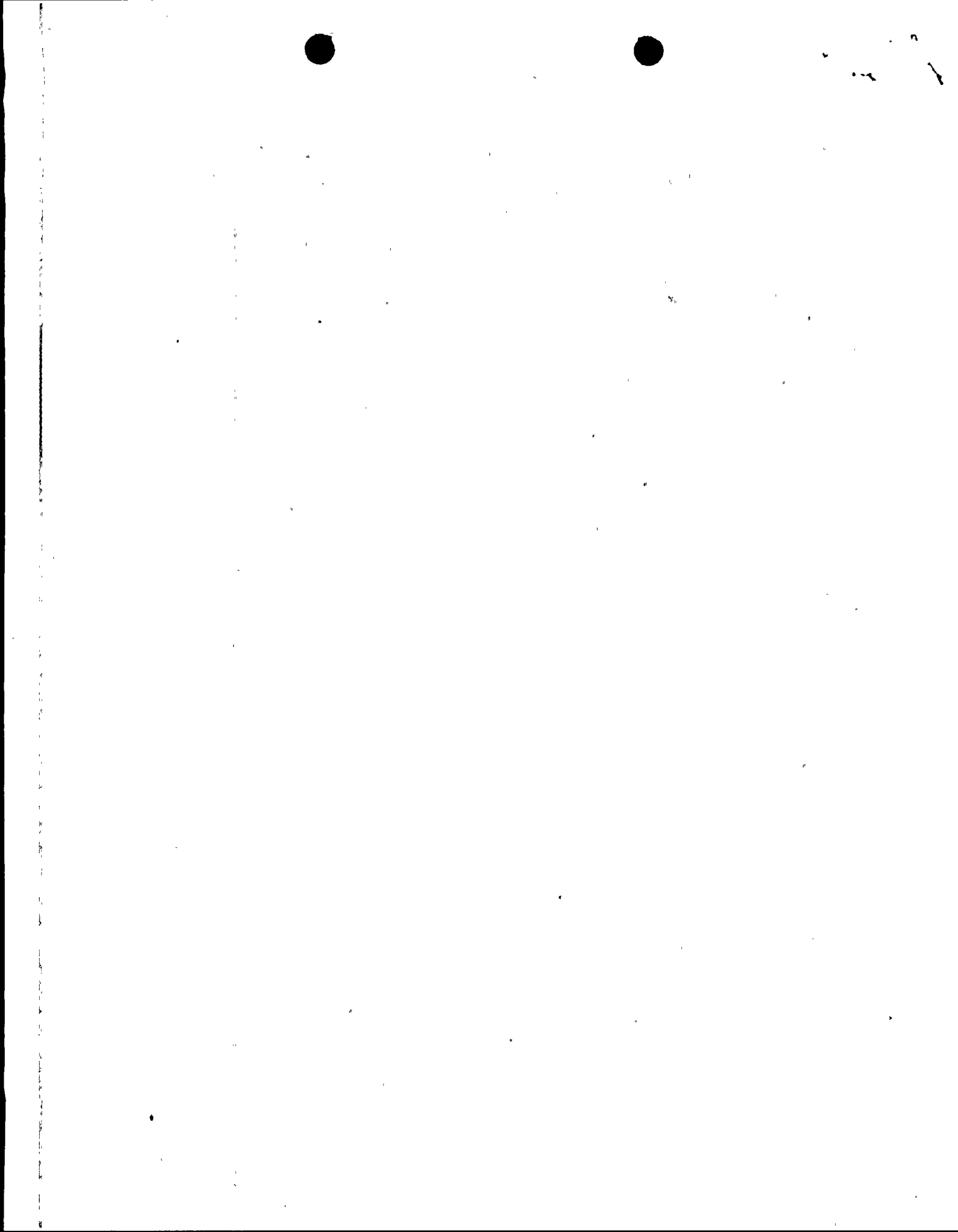
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1315 Cecelia Court
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ENCLOSURE

DIABLO CANYON UNITS 1 & 2
DOCKET NOS. 50-275 AND 50-323
REQUEST FOR ADDITIONAL INFORMATION

6.43 The ECCS provided for Diablo Canyon generally satisfies our requirements with regard to long term cooling. However, the system configurations have not been specifically evaluated to show that significant changes in chemical concentrations would not occur during the long term after a LOCA. These potential changes in chemical concentrations have not been specifically addressed by appropriate operating procedures. Accordingly, you should review the system capabilities and operating procedures that the Diablo Canyon has adopted to assure that boron precipitation would not compromise long-term core cooling capability following a loss-of-coolant accident (LOCA). This review should consider all aspects of the Diablo Canyon design, including component qualification in the LOCA environment, in addition to a detailed review of your operating procedures. This should include specific treatment of remotely actuated valves which may be submerged following a LOCA. You should examine the vulnerability of your design to single failures that would result in any significant boron precipitation.

You should submit this evaluation and associated operating procedures to us by the time you submit your revised ECCS analysis. We will promptly inform you about the acceptability of any necessary modifications to your operating procedures. These modifications should then be promptly effected to assure that boron precipitation will not interfere with the ability of your facility to conform to Criterion (5) of 10 CFR 50.46(b).

Solute concentrations may be subject to satisfactory control through operating procedures. However, if equipment modifications are required or desirable to simplify such procedures, you should submit a plant which accomplishes installation of such equipment prior to fuel loading.

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