SEP 16 1985

Docket Nos.: 50-275
and 50-323

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Mr. J. D. Shiffer, Vice President
Nuclear Power Generation
c/o Nuclear Power Generation, Licensing
77 Beale Street, Room 1451
San Francisco, California 94106

Dear Mr. Shiffer:

Subject: Detailed Control Room Design Review - Units 1 and 2

Enclosed is our report on an in-progress audit (IPA) of your detailed control room design review (DCRDR) effort for the Diablo Canyon Nuclear Power Plant, Units 1 and 2. The audit was conducted during February 11-15, 1985 by members of the NRC staff from the Division of Human Factors Safety with assistance from Science Applications International Corporation (SAIC) as consultants. The report was prepared by SAIC. We concur with the technical contents and conclusions.

We have reviewed your organization, processes and results of your DCRDR with respect to requirements in NUREG-0700, NUREG-0800, Standard Review Plan, Section 18.1, Revision 1 and Appendix A to Section 18.1, Revision 0. In addition to our IPA in February of this year we also reviewed your Summary Report dated December 28, 1984 and your DCRDR Program Plan dated August 2, 1983.

Based on our audit and review we conclude that your DCRDR does not fully meet the requirements of NUREG-0737, Supplement 1. The enclosed IPA Report identifies our concerns and additional information required. We intend to meet with you in late October to discuss these matters. A suggested agenda for the meeting is provided in the IPA Report. At the meeting we will also discuss the format and schedule for submittal of the needed information. If you have any questions please contact Mr. Schierling, the Diablo Canyon Project Manager.

Sincerely,

/S/

George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing

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Enclosure: As stated

cc: See next page

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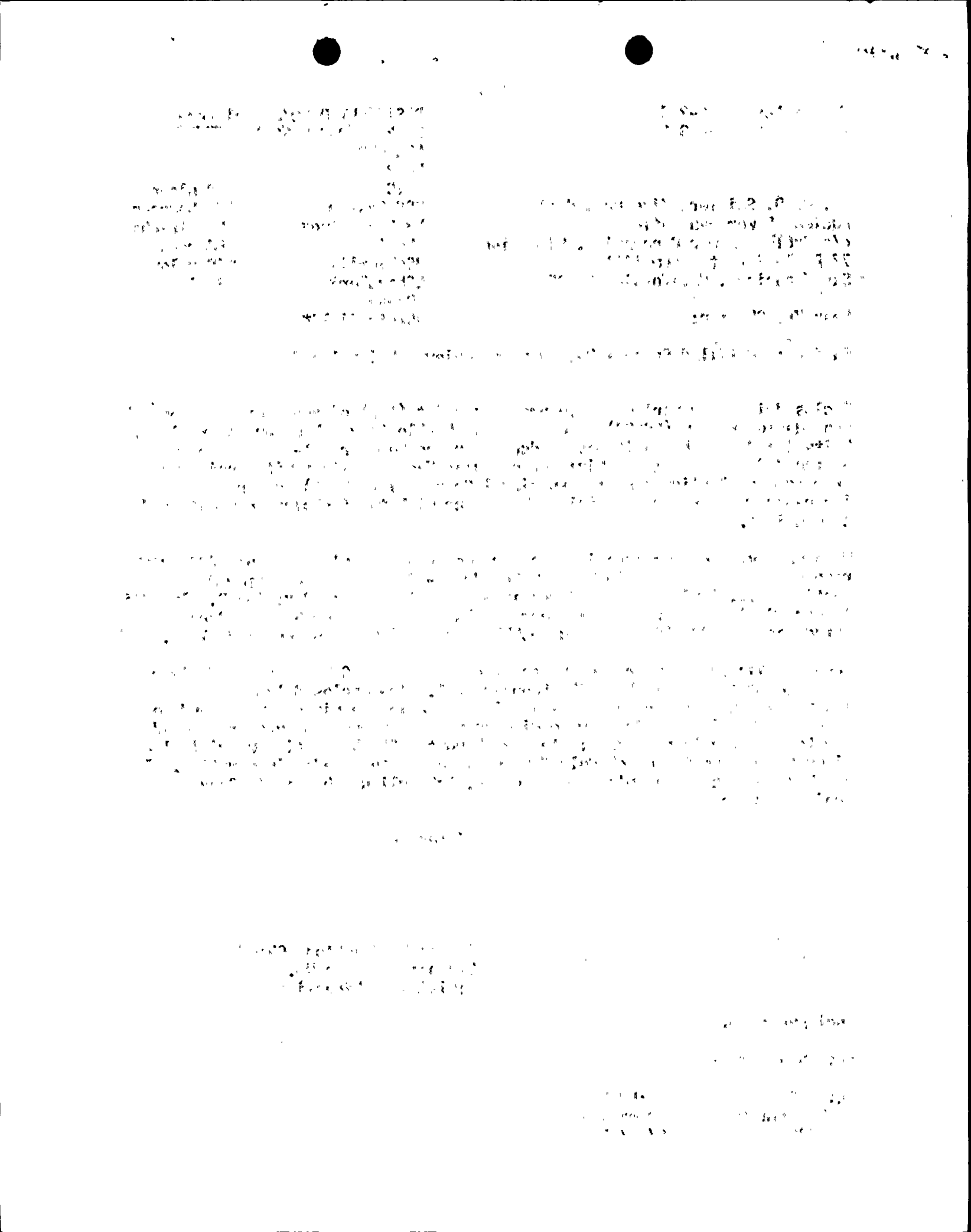

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