

March 24, 1976

Mr. Gordon Silver  
5055 Radford Avenue  
North Hollywood, California 91607

In the Matter of  
Pacific Gas and Electric Company  
(Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2)  
Docket Nos. 50-275 O.L. and 50-323 O.L.

Dear Mr. Silver:

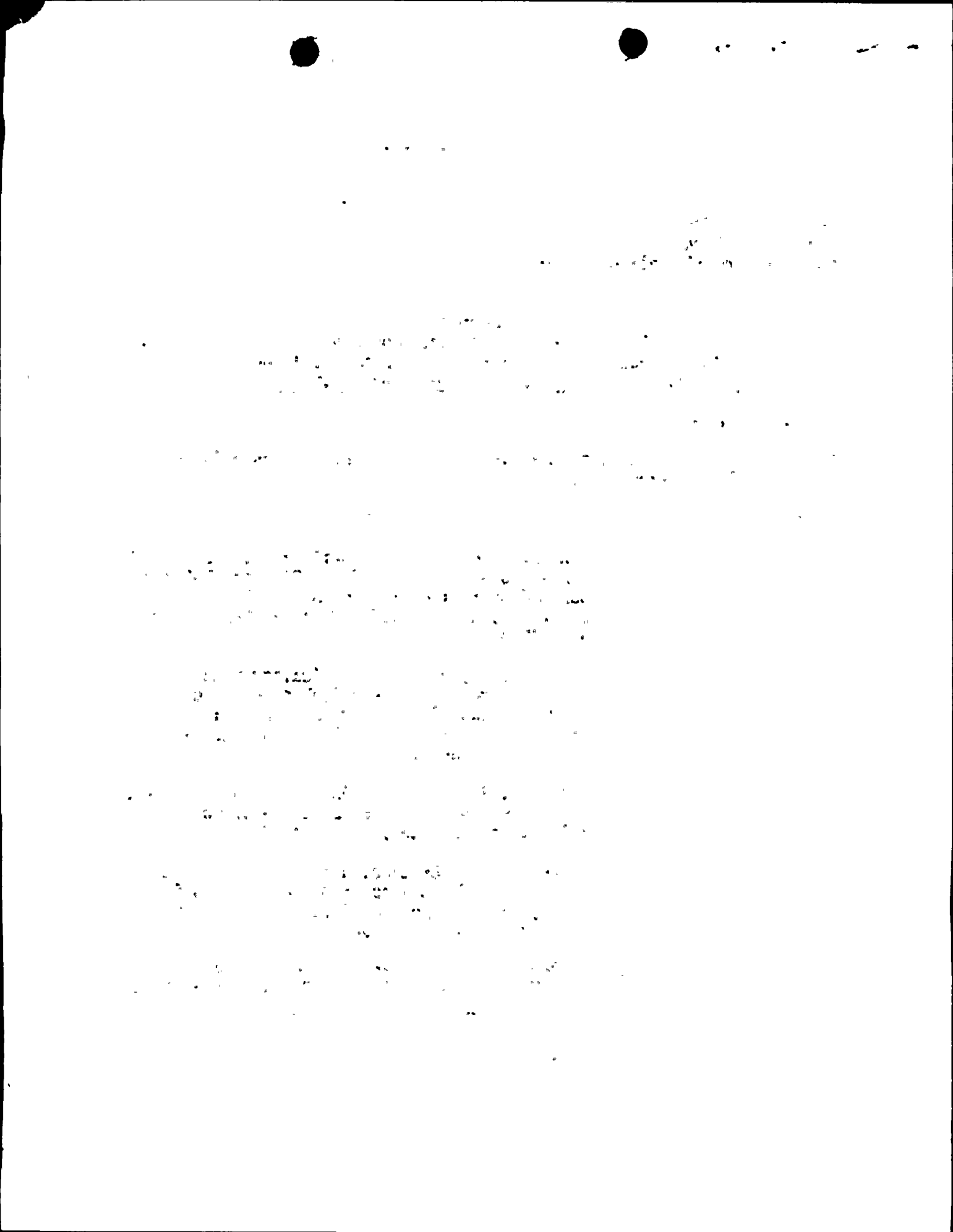
In accordance with our informal discovery agreement, enclosed is the following information you requested:

Request No. H-8

List of Criticality Studies

- a. Paxton, H. C., et al., "Critical Dimensions of Systems Containing U-235, Pu-239, and U-233," USAEC Report TID-7028, Los Alamos Scientific Laboratory and Oak Ridge National Laboratory, June 1964.
- b. Henry, H. F., et al., "Criticality Data and Nuclear Safety Guide Applicable to the Oak Ridge Gaseous Diffusion Plant," Revision 5, USAEC Report K-1019, Oak Ridge Gaseous Diffusion Plant, May 1959.
- c. Mills, C. B., "Critical Assemblies of Fissionable Materials," USAEC Report LA-3219-MS, Los Alamos Scientific Laboratory, April 1965.
- d. Clark, H. K., "Critical and Safe Masses and Dimensions of Lattices of U and UO<sub>2</sub> Rods in Water," USAEC Report DP-1014, Savannah River Laboratory, February 1966.
- e. Paxton, H. C., "Criticality Control in Operations with Fissile Material," LA 3366 REV, Los Alamos Scientific Laboratory, November 1972.

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Mr. Gordon Silver

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March 24, 1976

Sincerely,

L. Dow Davis  
Counsel for NRC Staff

cc: Elizabeth S. Bowers, Esq.  
Mr. Glenn O. Bright  
Dr. William E. Martin  
Philip A. Crane, Jr., Esq.  
Elizabeth Apfelberg  
Andrew J. Skaff, Esq.  
Raye Fleming  
Mr. Frederick Eissler  
Mrs. Sandra A. Silver  
Mr. William P. Cornwell  
Atomic Safety and Licensing  
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