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 G. Ertter (#01026)
 SECY Mail Facility (3)(76-2442)

NOV 11 1978

Docket Nos. 50-275
and 50-323

Mr. Charles Hearn
1846 Placentia Avenue, Apt. D
Costa Mesa, California 92627

Dear Mr. Hearn:

Your letter of October 15, 1976 to the Nuclear Regulatory Commission has been referred to me for reply. I am pleased to provide the information you requested, as discussed below.

You asked about the status of an operating license for the Diablo Canyon Nuclear Power Plant in connection with the discovery of a nearby fault. No operating license has been issued. Before one can be issued, the plant's seismic design capabilities must be reanalyzed in terms of a more severe earthquake which could originate on the nearby fault. The Commission's requirements regarding earthquake safety, which lead to this approach, are summarized in the enclosed document, "Risk of Earthquakes." Since the analysis is currently being performed, we do not yet know what plant modifications will be necessary.

You also asked about the Commission's safety precautions concerning the licensing of nuclear power plants and the handling of radioactive substances from these plants. These precautions are outlined in the enclosed documents, "Insuring Safe Design of Nuclear Power Plants," "Transportation of Nuclear Fuel and Waste," and "Disposal of Radioactive Waste."

You asked about the meaning of the word "nuke." I am not aware of a dictionary definition for this word. However, I have seen it used in a slang sense with the following meanings:

- (1) nuclear
- (2) nuclear power plant
- (3) nuclear powered ship
- (4) nuclear trained personnel
- (5) nuclear weapon

OFFICE						
SURNAME						
DATE						



Mr. Charles Hearn

- 2 -

Finally, you asked about breeder reactors. Breeder reactors of several types have been built and operated in this country and elsewhere on an experimental basis. The U. S. Energy Research and Development Administration, in a joint venture with the electric utility industry, is planning to build a large plant at the Clinch River site in Tennessee to demonstrate the feasibility of using large scale commercial breeder reactors for electric power generation. This project is currently undergoing safety and environmental reviews by the U. S. Nuclear Regulatory Commission in connection with an application for a construction permit. The enclosed report, ERDA 76-1, discusses energy choices for the future and indicates where breeder reactors might fit into a national energy plan.

Sincerely,

Original Signed by
Ben C. Rusche

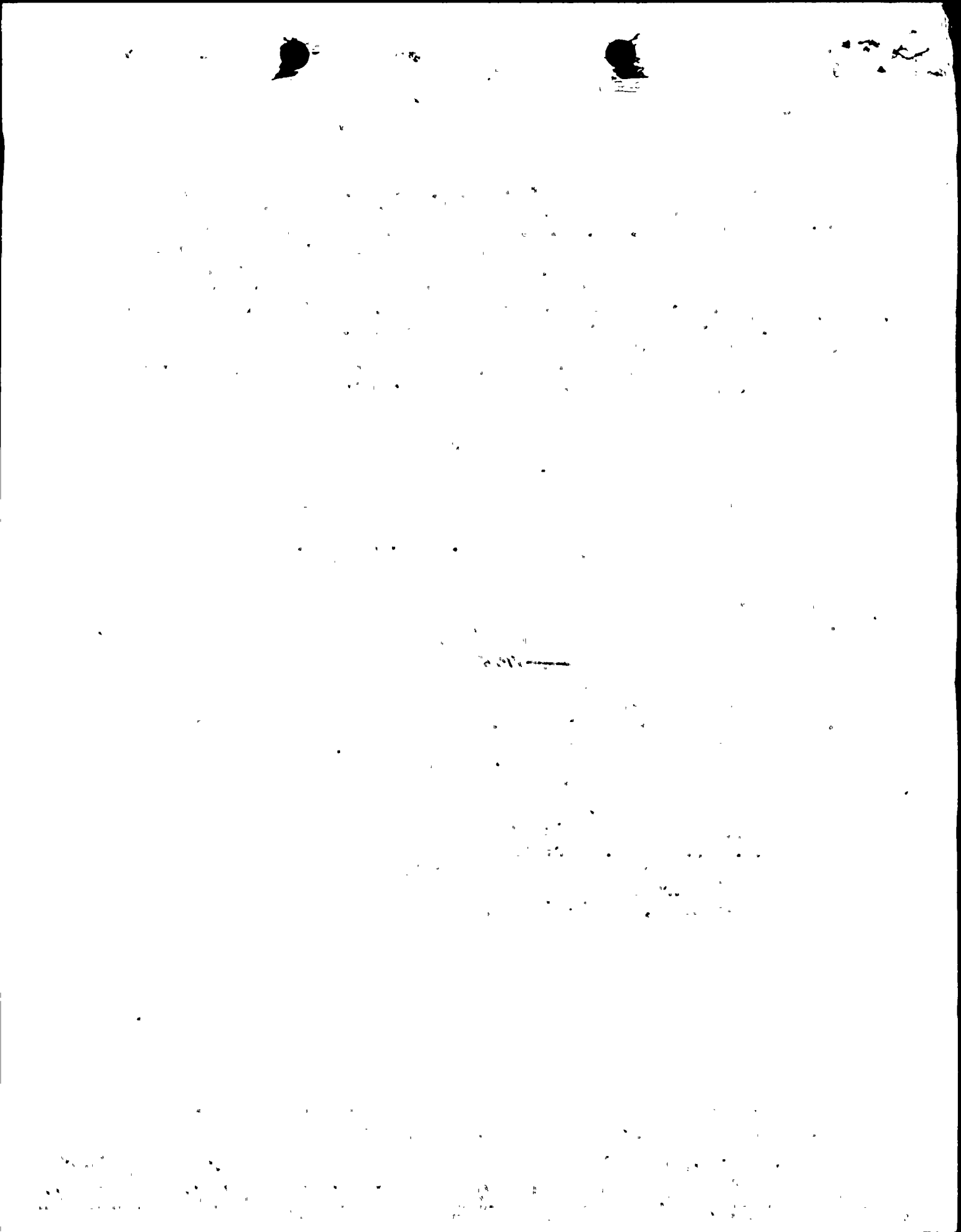
Ben C. Rusche, Director
Nuclear Reactor Regulation

Enclosures:

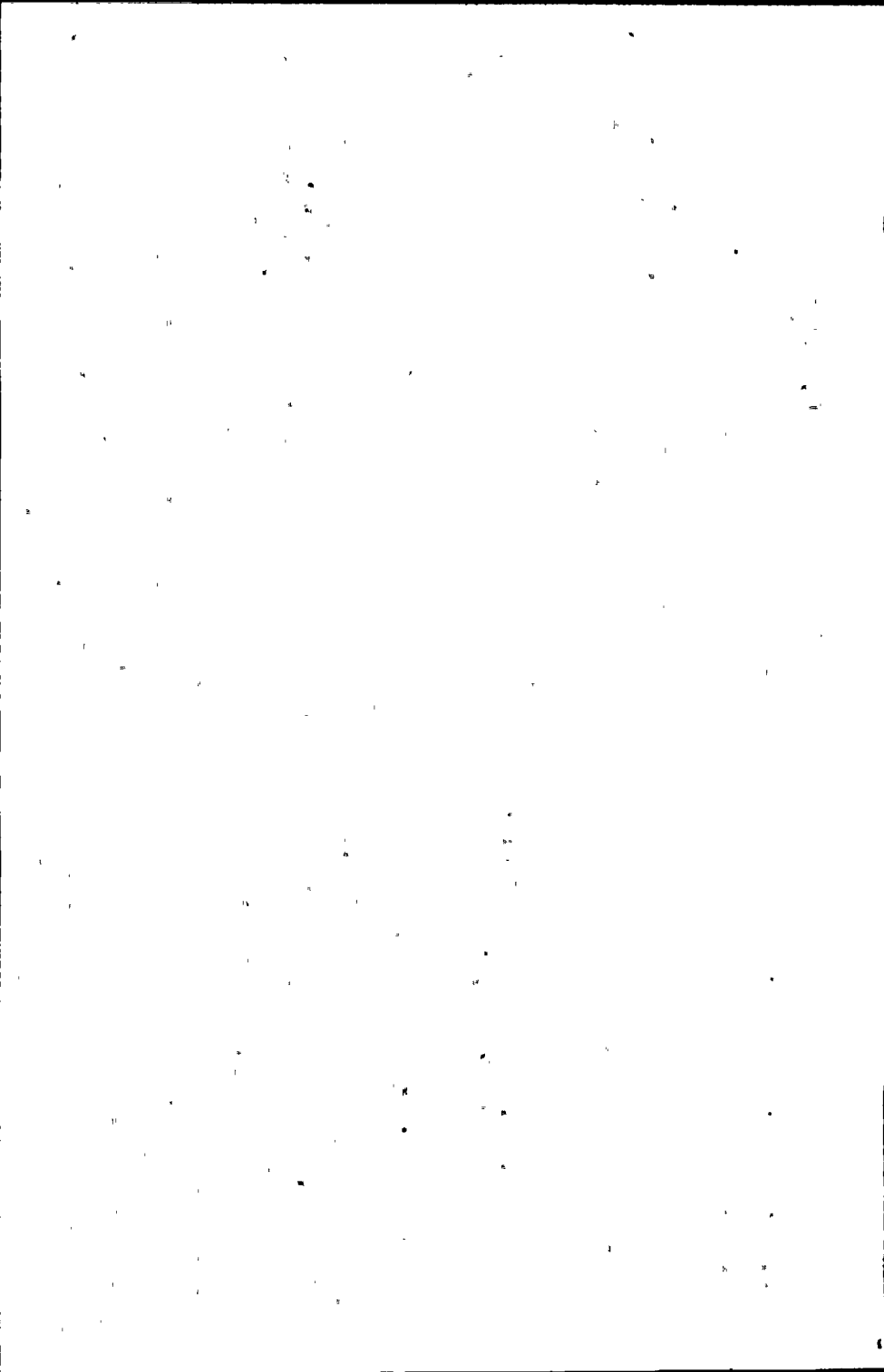
1. "Risk of Earthquakes", February 3, 1975
2. "Insuring Safe Design of Nuclear Power Plants", December 10, ~~1976~~ 1975
3. "Transportation of Nuclear Fuel and Waste", January 2, 1976
4. "Disposal of Radioactive Waste", December 10, 1975
5. "A National Plan for Energy Research, Development & Demonstration: Creating Energy Choices for the Future", ERDA 76-1 (SUMMARY)

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

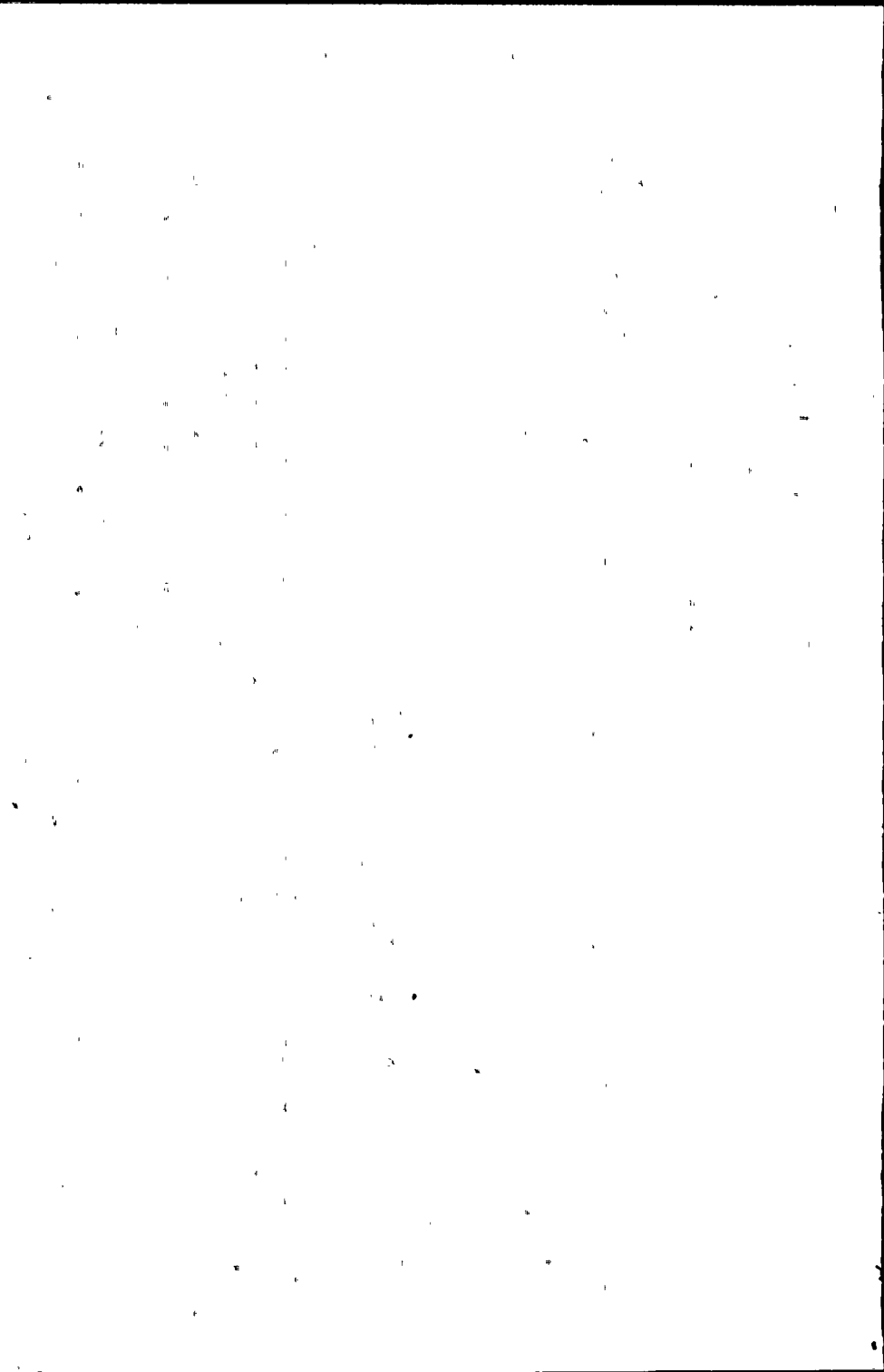
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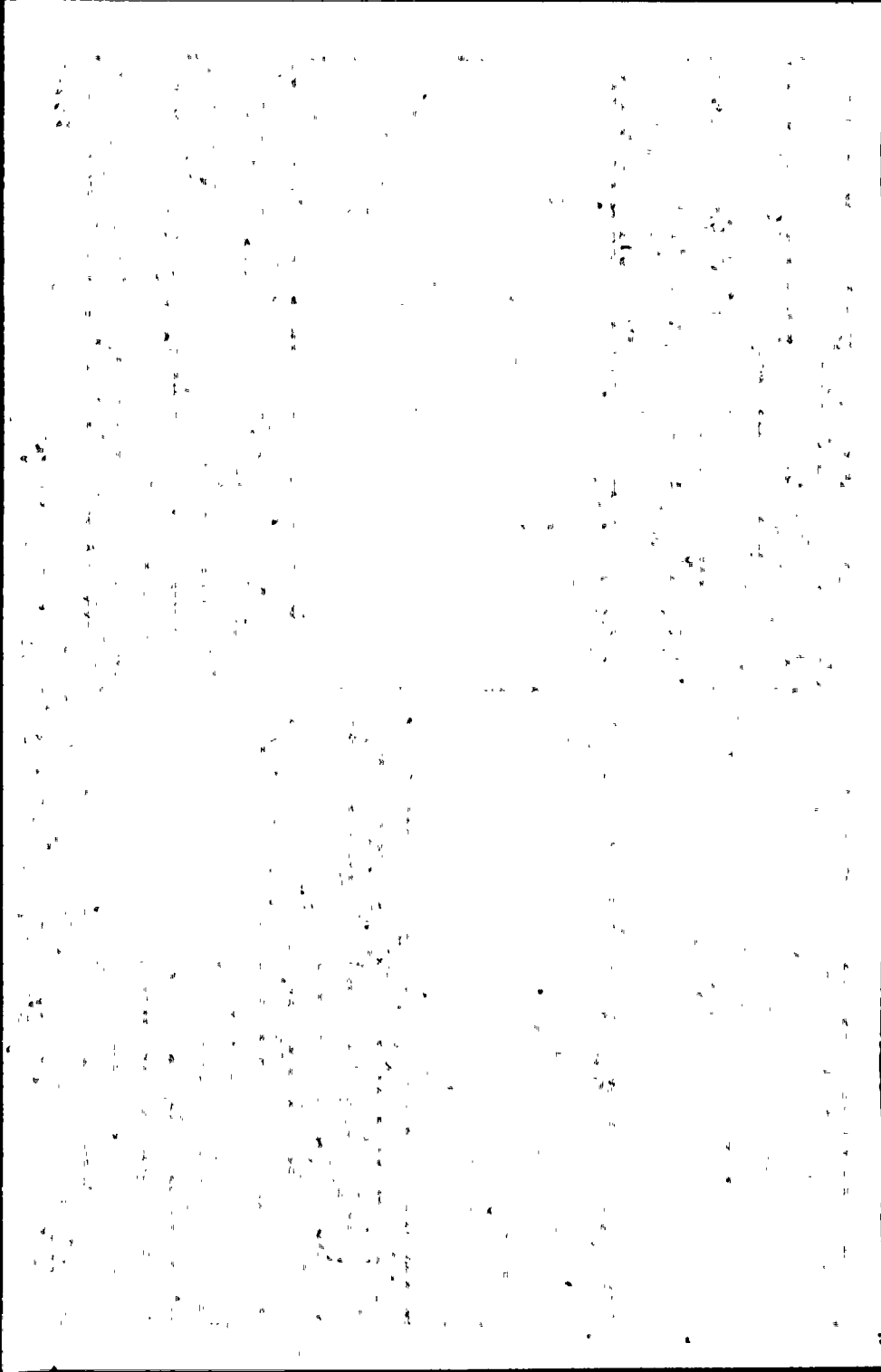
FROM: Charles Roata Costa Mesa, Calif.		ACTION CONTROL COMPL DEADLINE 11/9/76 ACKNOWLEDGMENT INTERIM REPLY FINAL REPLY FILE LOCATION	DATES CONTROL NO. 01026 DATE OF DOCUMENT Initialed (rec'd 10/20/76) PREPARE FOR SIGNATURE OF: <input type="checkbox"/> CHAIRMAN <input type="checkbox"/> EXECUTIVE DIRECTOR OTHER: <u> </u>
TO: Chairman Anderson		DESCRIPTION <input type="checkbox"/> LETTER <input type="checkbox"/> MEMO <input type="checkbox"/> REPORT <input type="checkbox"/> OTHER Req info on licensing of Diablo Canyon, precautions to ensure public safety, progress on breeder reactors, etc.	
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No. **76-2442**

Logging Date 10/19

NRC SECRETARIAT

TO: Commissioner _____ Date _____

Exec. Dir./Oper. Gen. Counsel

Cong. Liaison Solicitor

Public Affairs Secretary

Incoming: Charles Hearn, 1846 Placentia Ave.,
 From: Apt. D., Costa Mesa, Ca. 92627

To: Chairman Anders Date udtd

Subject: Requesting info. on licensing of
Diablo Canyon nuclear power plant.

- Prepare reply for signature of:
- Chairman
 - Commissioner _____
 - EDO, GC, CL, SOL, PA, SECY
 - Signature block omitted
 - _____
 - Return original of incoming with response

For direct reply* **SUSPENSE: Nov. 9**

For appropriate action

For information

For recommendation

Rec'd Off. EDO
 Date 10/20/76
 Time 19:00

Remarks: Logged Ex Parte. Original to Docket.

Cys to: GC, PE, PA, SEcy.

For the Commission: _____

*Send three (3) copies of reply to Secy Mail Facility



OFFICE OF THE ATTORNEY GENERAL

STATE OF NEW YORK
ALBANY

1913

IN SENATE, JANUARY 15, 1913.

REPORT

Charles Hearn
1846 Placentia Ave., Apt. D
Costa Mesa, Ca. 92627

10-15-76

Office of Administration
Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Anders;

I am an American citizen living in an academic community. I am writing this letter to ask you if you can supply me with some information.

The information I desire regards the licensing, or supposed licensing, of the nuclear plant in Diablo Canyon, Ca. My question is: Was the license for the plant to begin operations ever granted, and if it was, were there any extra safety precautions taken after an earthquake fault was found nearby?

If you could answer the dual question I have asked you, I would appreciate the information. I am writing an essay on nuclear environmental and safety risks and need the material.

Any additional information regarding safety precautions the NRG takes to ensure public health before granting and after granting licenses would be gratefully appreciated. Specifically, I am interested in the transportation, storage, and disposal of radioactive substances used at these plants.

Besides this material, I would also like to know if you could give me a good definition of a "nuke". I can't find one anywhere.

If you can give me any leads on what progress has been accomplished, to date, on breeder reactors, I could also use this information in my paper.

Any information you do send me I will be thankful for.

Sincerely Yours,
Charles Hearn
Charles Hearn

