

RELATED CORRESPONDENCE

SAN LUIS OBISPO MOTHERS FOR PEACE/October 14, 1974

OFFICE OF THE SECRETARY

74 OCT 22 AM 10:35

Mr. Philip A. Crane, Jr.
Law Department
Pacific Gas and Electric Co.
77 Beale Street
San Francisco, CA 94106

(Re: AEC Dockets 50-275 & 50-323)

Dear Mr. Crane:

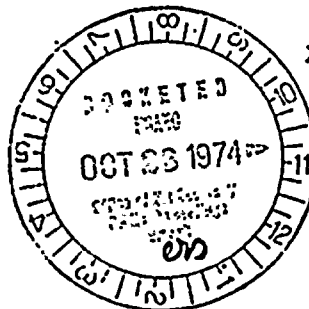
Enclosed on behalf of myself and Mothers for Peace is an interrogatory to which we would appreciate P.G. and E.'s response.

Sincerely yours,

Sandra A. Silver

Sandra A. Silver
1315 Cecelia Ct.
San Luis Obispo
CA 93401

Dated: October 14, 1974



Xc with interrogatory:
Richard L. Black, OGC
Elizabeth S. Bowers
William P. Cornwell
Frederick Eissler
John Forster
Secretary of the Commission, AEC
Andrew J. Skaff, PUC
Lonnie Valentine

RELATED CORRESPONDENCE

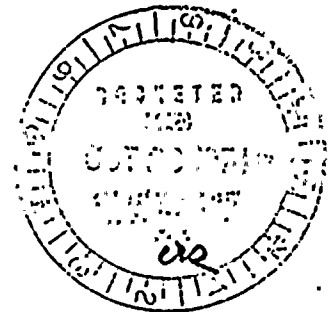
In the matter of
PACIFIC GAS & ELECTRIC CO. }
Diablo Canyon Units 1 & 2 }

AEC Docket Nos. 50-275-01.
50-323-01

INTERVENOR'S INTERROGATIONS OF APPLICANT

Intervenor submits the following interrogatories to the applicant (PG&E) to be answered, under oath, by such PG&E personnel as have knowledge of the facts, in accordance with the appropriate provisions of AEC Rules of Practice, 10 CFR 2.740b, among others. References in the Interrogations to "PG&E" are to the Pacific Gas and Electric Co., including its officers, employees, contractors, subcontractors, vendors, and consultants.

1. Reference FSAR, Paragraph 11.2.6: Release Points. Describe methods, procedures, and assurance program associated with continuous radio-activity monitoring of.
 - A. All subystem wastes passing through a single header
 - B. The blowdown discharge
2. With respect to interrogatory #1, please set forth
 - A. Identity of isotopes monitored
 - B. How tritium presence is determined
 - C. Locations of readout devices
 - D. Nature of readout devices (e.g., stripchart?)
 - E. What records, if any, will be kept on file.
3. With respect to interrogatory 2.E, set forth
 - A. How long records will be kept
 - B. Where they will be kept
 - C. Who will be their custodian
4. With respect to the records of interrogatory 2.E, will you allow members of the public to inspect them?
 - A. If answer is no, explain why not.
 - B. If answer is affirmative, set forth
 1. Complete conditions and requiremnts you will impose on inspectors.
5. Reference FSAR, paragraph 11.3.6: Release Points. Please answer interrogatories nos. 1,2,2, and 4 for the case of all waste gas release points enumerated in par. 11.3.6, including miscellaneous steam leakage.
6. Cite, by location, all multichannel analyzers on the site, giving make, model number, and type of detector(s) used with each analyzer.
7. Reference FSAR, p. 11.4-13, par. 3. Please set forth quantitative criteria used by operator to make a waste gas release decision.
8. Explain the purposes of the "Future Rec Tank" Nos. O-3 and O-4, shown on FSAR, Figure 11.4-10 (Sheet 5 of 11), Amen. 4, Feb., 1974.





9. Reference FSAR, p. 11.5-14, third line. With respect to "long term on-site storage area", set forth maximum on-site storage time for
 - A. Wastes in fiberboard boxes (DOT Type 12H)
 - B. Low level drummed wastes (DOT Type 17h)
 - C. High level drummed wastes (DOT Type 17H)
10. With respect to plutonium-239 and also with respect to the other plutonium isotopes, please set forth the description of all post start-up programs to measure the presence of these specific radioisotopes
 - A. On external surfaces of incoming fresh fuel containers
 - B. On external surfaces of any irradiated fuel and waste product casks, drums, or containers.
 - C. In the several waste gas release points
 - D. In the liquid waste release points
 - E. In the atmosphere above the site exclusion area
 - F. In the atmosphere beyond the site exclusion boundary
 - G. In terrestrial and marine animal tissue
 - H. In terrestrial and marine plants
11. For each negative answer to a question #10 sub-part, please explain.
12. Do you have any program to measure, off-site, the presence of plutonium radionuclides (as opposed to gross activity) that were not enumerated in the responses to question #10?
 - A. If no, explain why not
 - B. If affirmative, please identify and describe.
13. Does PG&E have any knowledge of the deliberate transfer of any sea otters, this year, into or out of the sea in the neighborhood of the Diablo facility?
 - A. If yes, please set forth for each such event
 1. Date
 2. Names and addresses of persons who performed the transfer
 3. Under whose authority it was done
 4. Number of otters involved
 5. Reasons for transfer
 6. Names of witnesses and their addresses
14. Reference FSAR, par. 11.6.5: Data Analysis and Presentation. Will PG&E make this data available to the public?
 - A. If no, where can they get the data.
 - B. If yes, set forth time, place, and conditions
 - C. Will the data to be reported quarterly include identification of any alpha emitters? If so, which?
15. Describe lightning protection, if any, associated with all off-gas systems.
16. In the event that the data, referred to in interrogatories 1, 2, 10, 12, 14, collected and processed pursuant to the radiological monitoring program, is made available for public inspection, but in a form which is averaged over a time period of a month or more, will PG&E make available for inspection and copying, upon request of any member of the public,

- A. The raw data exhibiting fine structure
- B. Data averaged over one day
- C. Data averaged over one hour.

17. If the answer to any part of question 16 is no, please explain.
18. If the answer to any part of question 16 is affirmative, please set forth time, place, and conditions for such inspection and copying.
19. With respect to the facilities in the "Five Cities" area of Pismo Beach, close to the Southern Pacific railroad tracks, and referred to as the "Pismo Lay-Down Yard" please set forth its future role with respect to
 - A. Train-truck transfer of fresh fuel
 - B. Train-truck transfer of spent fuel
 - C. Train-truck transfer of waste products
 - D. Storage of fresh or spent fuel and various waste products.
20. If the facility referred to in question #19 will be used to transfer and/or store radioactive materials, set forth the radiological monitoring program to be implemented there.
21. Please identify by title and brief summary of contents, all manuals, guides, procedures, plans, and other documents and texts which will be required to be in the control room (and associated offices) for the use of senior control operators during
 - A. Initial fuel loading
 - B. Startup and power ascension
 - C. Commercial operation
22. Please answer interrogatory no. 21 for the case of Plant Superintendent.
23. Reference PSAR, "Reporting of Security Incidents", p. 13.7-7, line six is vague because the words "facts" and "substantiated" are not quantitated. Please explain.
24. Reference PSAR p. 7.7-26. Please identify "alternate control room locations" setting forth control capabilities of each such location.
25. Is the Hot Shutdown Panel to be attended by a control operator (or other personnel) 24 hours a day? If not, please explain.
26. Please identify all commercial and/or test reactors which have used or tested, or have plans to use, 17 X 17 fuel assemblies. Please set forth, for each case, power-time data, a brief summary of the results of studies made, and identify any and all problems discovered.
27. How will defective seals and subsequent releases of radioactivity (if pressure differential reverses) from the containment personnel and equipment hatches be monitored?
28. Reference "Responses of P.G.&E. Co. to Interrogatories Filed by San Luis Obispo Mothers For Peace Dated September 3, 1974" dated October 4, 1974. (Hereinafter referred to as P.G.&E. Responses of Oct. 4, 1974). Will you provide Intervenor with prompt updating of your answers to Interrogatories Nos. 33, 37, 37, 38 if changes in any respect occur in the future?

29. Regarding the cracks (or linear indications) in the various unit 1 and 2 steam generator nozzles, please provide Intervenor with a list of all studies, documents, and communications of which you have knowledge. In addition, please provide Intervenor with a list of all studies, documents, and reports on the cracks, which are currently in progress giving dates of expected completion.
30. With respect to Diablo Unit 1 spent fuel reprocessing, please set forth
- A. Identification of potential reprocessors with whom you are negotiating
 - B. Identification of American reprocessors who presently are capable of reprocessing (in contradistinction to storing) your spent fuel.
31. Do you know of any reprocessing plants in America which are currently reprocessing (in contradistinction to storing) spent fuel from commercial reactors? If yes, please identify.
32. Reference P.G.andE. Responses of Oct. 4, 1974, Interrogatory Response No. 36B.2. Please provide specific route of roads and highways.
33. Reference P.G.andE. Responses of Oct. 4, 1974, Response No. 37A.2. Please quantitate the term "significant quantities."
34. With respect to Diablo drummed radwaste please set forth
- A. Whether or not transportation from Diablo will be over Cuesta Grade?
 - B. Reference FSAR p. 11.5-13, par. 1 (Amend 3). What is meant by "accepted operating procedure."
35. What plans, if any, do you have for the routine and non routine ultrasonic crack detection of possible defects in the welded thick-steel pressure vessel and other components in the primary coolant loop to detect potential catastrophes before they occur?
36. Reference FSAR, Figure 11.5-4. Please explain the term "truck and railroad entrance." Under what circumstances would a railroad siding be extended to the Diablo site?
37. Reference FSAR, Figure 11.5-4. Please explain what possible uses you might have for the area marked "Reserved for Future Radiation Waste Storage Vault." Please set forth circumstances which might require you to increase your radiation waste storage capabilities.
38. With respect to disposal of Diablo spent resins set forth
- A. Name of contractor who will handle this.
 - B. Whether or not shipments will be over the Cuesta Grade.
39. Reference P.G.andE. Responses of Oct. 4, 1974, Response No. 64. Set forth basis for your disinterest in offsite meteorological measurements.
40. Reference San Luis Obispo County Sheriff's Department Interim Evacuation Plan (Diablo Canyon Power Plant) June, 1974 (hereinafter referred to as SLO-IEP.) Page E-1, par. A-1. Of the possible-qualified personnel assembled, how is it to be determined who may give the referred to release?

41. With respect to studies of geology and seismicity at the Diablo site and in areas coupled seismically to the Diablo site, please provide Intervenor with a list of all studies, papers, and documents (giving author, agency, and date) which are

A. Completed

B. In progress (giving date of expected completion)

Sandra A. Silver

Sandra A. Silver

Dated: October 14, 1974.



2 2 2 2