

NOV 21 1984

Docket Nos. 50-275
50-323

Pacific Gas and Electric Company
77 Beale Street
Room 1435 San Francisco, California 94106

Attention: Mr. J. D. Shiffer, Vice President
Nuclear Power Generation

Gentlemen:

Subject: NRC Inspection - Diablo Canyon Units 1 and 2

This refers to the routine inspection conducted by Mr. E. M. Garcia of this office on October 29 through November 2, 1984 of activities authorized by NRC License Nos. DPR-76, DPR-80, and Construction Permit No. CPPR-69 and to the discussion of our findings held by Mr. Garcia with Mr. Patterson and other members of your staff at the conclusion of the inspection.

Areas examined during this inspection are described in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

No violations of NRC requirements were identified within the scope of this inspection.

In accordance with 10 CFR 2.790(a), a copy of this letter and the enclosure will be placed in the NRC Public Document Room.

Diablo Canyon SSER-33

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Appendix B

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Pacific Gas and Electric Company

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Should you have any questions concerning this inspection, we will be glad to discuss them with you.

Sincerely,

Original signed by
E. A. Wenslawski

F. A. Wenslawski, Chief
Emergency Preparedness and
Radiological Protection Branch

Enclosure:
Inspection Report
Nos. 50-275/84-37
50-323/84-24

cc w/enclosure:
S. D. Skidmore, PG&E
R. C. Thornberry, Plant Manager (Diablo Canyon)
Dick Vollmer, NRR
P. A. Crane, Jr., Attorney, PG&E
C. M. Seward, PG&E
R. Weinberg, News Services
State of CA (Johnson)

bcc: RSB/Document Control Desk (RIDS)
Mr. J. Martin
Resident Inspector

EJG
E. GARCIA
11/21/84

G. YUHAS
G. YUHAS
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F. WENSLAWSKI
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11/21/84

Diablo Canyon SSER-33

B.1-2

Appendix B

U. S. NUCLEAR REGULATORY COMMISSION

REGION V

Report Nos. 50-275/84-37, 50-323/84-24.

Docket Nos. 50-275, 50-323

License Nos. DPR-76, DPR-80, and CPPR-69

Licensee: Pacific Gas and Electric Company
77 Beale Street
Room 1435
San Francisco, California 94106

Facility Name: Diablo Canyon Units 1 and 2

Inspection at: San Luis Obispo County, California

Inspection conducted: October 29 through November 2, 1984

Inspectors: E. M. Garcia 11/21/84
E. M. Garcia, Radiation Specialist Date Signed

Approved by: G. P. Yuhas 11/21/84
G. P. Yuhas, Chief, Facilities Radiological Date Signed
Protection Section

Summary:

Inspection on October 29 - November 2, 1984 (Report Nos. 50-275/84-37 and 50-323/84-24)

Areas Inspected: Routine unannounced inspection by a regionally based inspector including organization and staffing of the Chemistry and Radiation Protection Department; Unit 1 startup tests; Unit 2 preoperational tests, radiation monitor calibrations, and implementation of NUREG 0737, Items II.B.3 and II.F.1; and followup on allegation RV-84-A-0107. This inspection involved 39 hours on site by one inspector.

Results: Of the four areas inspected no violations or deviations were identified.

meet the commitment to Item II.F.1 attachment 3, Containment High Range Radiation Monitor. As with the other monitors discussed in this section these monitors have been "signed off" by the preoperational test staff, but not yet accepted by NPO.
(50-323/83-26-01, Open)

No violations or deviations were identified in this area.

5. Allegation RV-84-A-0107

An individual, previously employed by a licensee contractor, contacted the NRC to express concern regarding the disposal of hazardous materials. For purpose of clarity this individual will be referred to as Mr. A.

Mr. A informed the NRC that he had been told by another person that there were cracks at the bottom of a pond at the site, and that material, contaminated with lead and mercury, had been removed from this pond and disposed of in a landfill.

Mr. A stated that he was also aware that the licensee was putting water contaminated with boron and slight amounts of radioactive materials in another pond on site.

Three areas of potential safety significance related to this allegation are:

- a. Is the licensee improperly disposing of nonradioactive hazardous materials?
- b. If the cracks in question are located in a pond that serves a safety function, has the structural integrity of this pond been effected such that the pond may not fulfill its intended function?
- c. Is the licensee releasing radioactive materials to the environment by an unmonitored uncontrolled pathway?

Mr. A was informed that the first area was outside the purview of the NRC. Mr. A was also informed that the concern was brought to the attention of the State of California, Water Resources Control Board by the NRC.

The second area was examined by the senior resident inspector. It was determined that the only "ponds" that serve a safety function are the raw water reservoirs. Technical Specification 3.7.9.1b requires that the raw water reservoirs contain a minimum usable volume of 270,000 gallons of water for fire suppression. These reservoirs are cut from bed rock and are lined with a plastic liner 80 mils thick. The surveillance requirement associated with this Technical Specification requires that the water supply volume be verified at least once every seven days. The resident inspectors have periodically noted that the required volume was being maintained. Since license DPR-76 was originally issued, there have not been any reports of instances where the available volume was below that required. There has not been any reports of cracks in the structure of the reservoirs. The liners have required repairs due to shrinking

with age, but this shrinkage has not effected the ability of the reservoirs to fulfill their function.

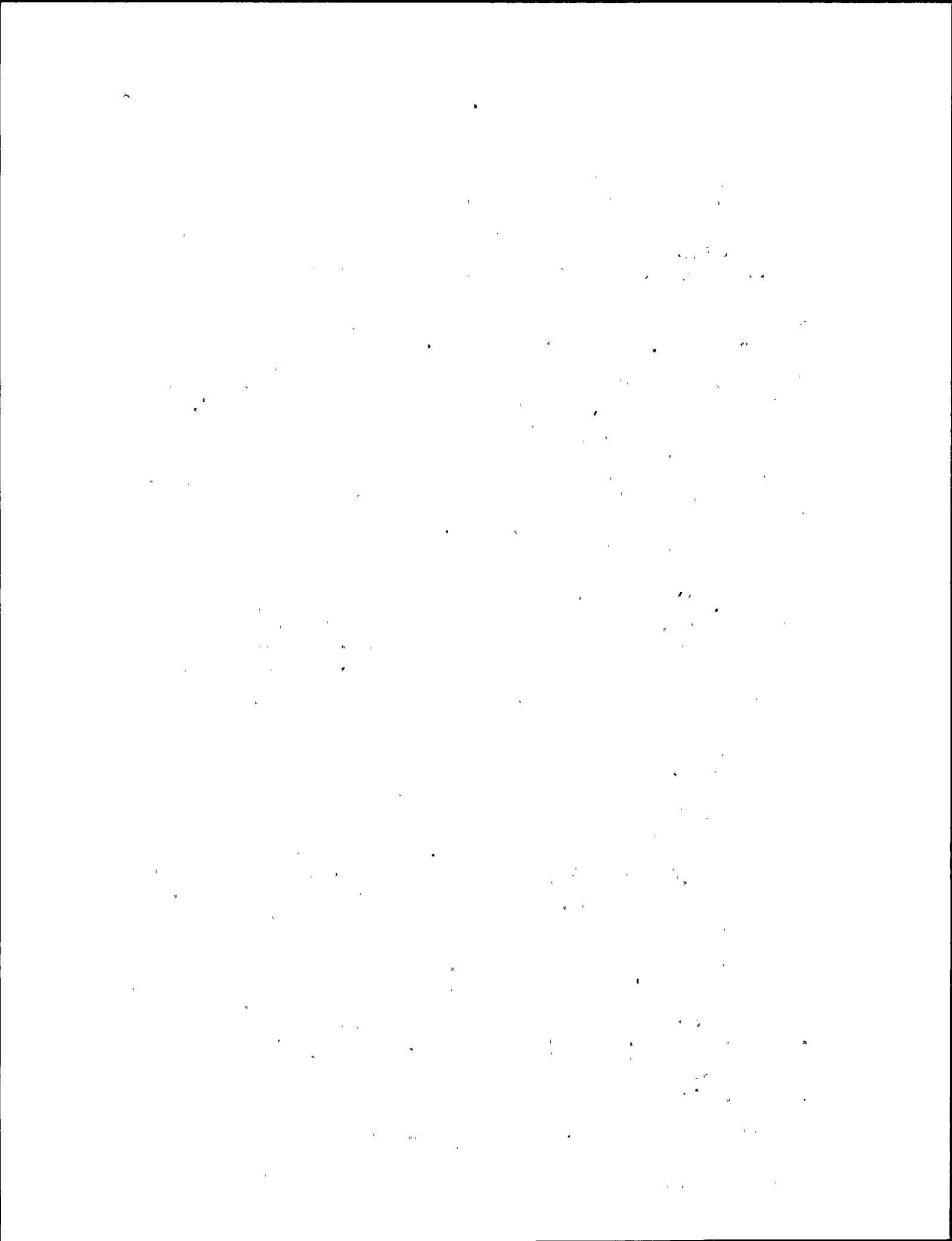
The fact that these reservoirs are build on bedrock, that they are lined, that they have not been reported as suffering cracks, and that they have maintained the required water level indicate that this possible concern is unfounded.

The third area was examined during the inspection. Through conversations with the resident inspector and the licensee staff, review of site maps, and tours of the site, those structures that could be described as "ponds" were identified. Five "ponds" were identified and these are: the east and west raw water reservoirs, the clarifier blowdown pond, the waste holding pond, and the cement batch plant mud pond. Water samples from the first four "ponds" were collected, and are being analysed for radioactive materials by the NRC. The batch plant mud pond contains only waste concrete. Results do not identify any radioactive materials above the lower limit of detection of the NRC's gamma spectrometer. For Cesium-137 this value is calculated at $1.5E-8$ microcuries per milliliter. Analysis for tritium and beta emitters are being performed. The results of these analysis will be noted in a latter report. (50-275/84-37-02, Open)

The inspector also examined the licensee's program for monitoring normally uncontaminated release paths. Figure 3 denotes the paths for unmonitored or uncontrolled releases that were identified by the licensee as part of their response to IE Bulletin 80-10, "Contamination of Nonradioactive System and Resulting Potential for Unmonitored, Uncontrolled Release of Radioactivity to Environment". This figure also notes the scheduled frequency and type of analysis that are performed on these systems. Records of analysis of the east and west raw water reservoirs, and the waste holding pond were examined. The period reviewed is from initial criticality, April 29, 1984 to the week of the inspection. No radioactive materials above natural background were identified. The licensee also performs gamma spectrum analysis of the content of the waste holding pond before these nonradiological hazardous wastes are shipped to an approved disposal site. The inspector examined the analysis performed on May 31, 1984, and noted that no radionuclides were detected. Based on this review it does not appear that the licensee is releasing radioactive materials to the environment by an unmonitored uncontrolled pathway.

The inspector did note that the licensee's internal response to the IE Bulletin had not included a formal analysis of potential releases from the storm drains system. At the exit interview the licensee committed to evaluate and document the potential for radioactive releases through this pathway and that this evaluation would include a preliminary plan of actions to be taken when plant conditions, such as the contamination of the auxiliary boiler, make the storm drains a credible release pathway. (50-275/84-37-02)

No violations or deviations were identified in this area.





UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

MAR 22 1985

Docket Nos. 50-275 and 50-323

Pacific Gas and Electric Company
77 Beale Street, Room 1451
San Francisco, California 94106

Attention: Mr. J. D. Shiffer, Vice President
Nuclear Power Generation

Gentlemen:

Subject: NRC Inspection of Diablo Canyon Units 1 and 2

This refers to a routine inspection, conducted by Messrs. M. M. Mendonca, M. L. Padovan, T. M. Ross, and T. J. Polich, of this office during the period of January 6, 1985, through February 16, 1985. This inspection examined your activities as authorized by NRC License No. DPR-80, and Construction Permit No. CPPR-69. Discussions of our findings were held with Mr. R. C. Thornberry, and other members of your staff, at the conclusion of the inspection.

Areas examined during this inspection are described in the enclosed inspection report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspectors. No violations of NRC requirements were identified within the scope of this inspection.

In accordance with 10 CFR 2.790 (a), a copy of this letter and the enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this inspection, we will be glad to discuss them with you.

Sincerely,

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D. F. Kirsch, Acting Director
Division of Reactor Safety
and Projects

Enclosure:
Inspection Report
Nos. 50-275/85-01
50-323/85-03

cc w/enclosure:
S. D. Skidmore, PG&E
P. A. Crane, Jr., PG&E
R. C. Thornberry, PG&E (Diablo Canyon)
D. A. Taggart, PG&E (Diablo Canyon)
R. Weinberg, PG&E (Diablo Canyon)
State of CA

bcc:
RSB/Document Control Desk (RIDS)
Mr. J. Martin
Resident Inspector

RV	<i>DM</i>	<i>DM</i>	<i>DM</i>	<i>DM</i>	<i>DM</i>	<i>DM</i>	<i>H</i>
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