

NOV 22 1982

Docket No. 50-275

Pacific Gas and Electric Company
P. O. Box 7442
San Francisco, California 94106

Attention: Mr. Philip A. Crane, Jr.
Assistant General Counsel

Gentlemen:

This refers to the routine, monthly inspection conducted by Messrs. J. D. Carlson and M. M. Mendonca of this office from October 3, 1982, through October 30, 1982, of activities authorized by NRC License No. DPR-76, and to the discussions of our findings held by Mr. Carlson with Mr. 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 items of noncompliance with 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 unless you notify this office, by telephone, within ten days of the date of this letter and submit written application to withhold information contained herein within thirty days of the date of this letter. Such application must be consistent with the requirements of 2.790(b)(1).

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OFFICE	RV <i>[initials]</i>	RV <i>[initials]</i>	RV <i>[initials]</i>	RV <i>[initials]</i>		
SURNAME	Carlson:ia	Mendonca	Kirsch	Bishop		
DATE	11/19/82	11/19/82	11/19/82	11/19/82		

NOV 22 1982

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

Sincerely,

Original signed by

D. F. Kasch

T. W. Bishop, Chief
Reactor Projects Branch No. 2

Enclosure:
NRC Inspection Report
No. 50-275/82-36

cc w/o enclosure:
J. L. Schuyler, PG&E
J. D. Shiffer, PG&E
W. S. Raymond, PG&E

cc with enclosure:
R. C. Thornberry, PG&E (Diablo Canyon)

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

November 22, 1982

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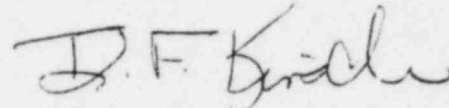
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November 22, 1982

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Sincerely,



for T. W. Bishop, Chief
Reactor Projects Branch No. 2

Enclosure:
NRC Inspection Report
No. 50-275/82-36

cc w/o enclosure:
J. L. Schuyler, PG&E
J. D. Shiffer, PG&E
W. S. Raymond, PG&E

cc with enclosure:
R. C. Thornberry, PG&E (Diablo Canyon)

U. S. NUCLEAR REGULATORY COMMISSION

REGION V

Report No. 50-275/82-36

Docket No. 50-275 License No. DPR-76 Safeguards Group _____

Licensee: Pacific Gas and Electric Company

P. O. Box 7442

San Francisco, California 94106

Facility Name: Diablo Canyon Unit 1

Inspection at: Diablo Canyon Site, San Luis Obispo County, California

Inspection conducted: October 3, 1982 through October 30, 1982

Inspectors: *D. F. Kirsch* 11/19/82
for J. D. Carlson, Sr. Resident Reactor Inspector Date Signed

M. M. Mendonca 11/19/82
for M. M. Mendonca, Resident Reactor Inspector Date Signed

Approved by: *D. F. Kirsch* 11/19/82
D. F. Kirsch, Chief, Reactor Projects Section No. 3 Date Signed

Summary:

Inspection on October 3 through October 30, 1982 (Report No. 50-275/82-36)

Areas Inspected: Routine inspections of plant operations, surveillance testing, physical security, maintenance, TMI Task Action Plan Items, emergency drill, interface with offsite emergency response organizations, and design changes and modifications. The inspection involved 151 inspector-hours by two NRC Resident Inspectors.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

- *R. C. Thornberry, Plant Manager
- *R. Patterson, Plant Superintendent
- *J. M. Gisclon, Power Plant Engineer
- *D. A. Backens, Supervisor of Maintenance
- *J. A. Sexton, Supervisor of Operations
- J. V. Boots, Supervisor of Chemistry and Radiation Protection
- W. B. Kaefer, Technical Assistant to the Plant Manager
- R. G. Todaro, Security Supervisor
- *R. T. Twiddy, Supervisor of Quality Assurance
- *R. C. Howe, Regulatory Compliance Engineer

The inspectors also interviewed a number of other licensee employees including shift supervisors, reactor and auxiliary operators, maintenance personnel, plant technicians and engineers, quality assurance personnel and members of General Construction.

*Denotes those attending the exit interview on October 29, 1982.

2. Operational Safety Verification

During the inspection period, the inspectors observed and examined activities to verify the operational safety of the licensee's facility. The observations and examinations of those activities were conducted on a daily, weekly, or monthly basis.

On a daily basis, the inspectors observed control room activities to verify compliance with limiting conditions for operation as prescribed in the facility Technical Specifications. Logs, instrumentation, recorder traces, and other operational records were examined to obtain information on plant conditions, trends, and compliance with regulations. Shift turnovers were observed on a sample basis to verify that all pertinent information on plant status was relayed.

During each week, the inspectors toured the accessible areas of the facility to observe the following:

- a. General plant and equipment conditions.
- b. Maintenance activities and repairs.
- c. Fire hazards and fire fighting equipment.
- d. Ignition sources and flammable material control.
- e. Conduct of selected activities for compliance with the licensee's administrative controls and approved procedures.

- f. Interiors of electrical and control panels.
- g. Implementation of the licensee's physical security plan.
- h. Plant housekeeping and cleanliness.

The inspectors talked with operators in the control room, and other plant personnel. The discussions centered on pertinent topics related to general plant conditions, procedures, security training, and the applicable work activities involved.

A nonconformance report was examined which documented a leaking relief valve on the backup nitrogen accumulator for the power operated relief valve. The inspectors confirmed that the deficiency was appropriately identified and tracked, by the licensee's system, to the completion of corrective action.

No items of noncompliance or deviations were identified.

3. Maintenance

Maintenance activities on various Engineered Safety Features valves were reviewed by the inspectors during the month. The inspectors verified that proper approvals, system clearances and tests on redundant equipment were performed, as appropriate, prior to conducting maintenance on safety-related systems or components. The maintenance activities were performed by qualified personnel using appropriate maintenance procedures. Replacement parts were examined to verify proper certification of materials, workmanship and tests. During the actual performance of maintenance activities, the inspectors verified the implementation of proper fire protection controls and housekeeping. Upon completion of the maintenance activity, the valves were tested prior to returning the system or component to service.

No items of noncompliance or deviations were identified.

4. Surveillance

Surveillance testing activities on the control room isolation system chlorine detectors were examined by the inspectors. These examinations included verification that proper procedures were used, test instrumentation was calibrated and that the system or component being tested was properly removed from service, if required by the test procedure. Following completion of the surveillance tests, the inspectors verified that the test results complied with Technical Specification acceptance criteria and were reviewed by the cognizant licensee personnel. The inspectors also verified that corrective action was initiated, if required, to determine the cause for any unacceptable test results and that the system or component was restored to operable status consistent with technical specification requirements.

5. Emergency Preparedness - Drill Observation

The inspectors witnessed an emergency drill on October 20, 1982. The inspectors observed the drill conduct, emergency facility manning and capabilities, use of emergency procedures, emergency classification techniques, emergency mitigation activities, and protective measures for site personnel and the public.

At one point in the drill scenario, the feasibility of pressure reduction using the pressurizer power operated relief valves was discussed. This evolution was necessary to reduce pressure in order to inject the accumulator volume into the RCS. The licensee concluded that approved guidelines appropriate to the drill conditions did not exist (for example, low reactor vessel water level and high core temperatures) and that an analysis would be needed to establish such guidelines. The licensee committed to prepare such guidelines. This item will be examined during a future inspection (82-36-01).

No items of noncompliance or deviations were identified.

6. Emergency Preparedness - Coordination with Offsite Agency

The inspectors observed the interaction of the licensee with the California Department of Forestry (CDF) while combating a grass fire around the plant site during October 16-19, 1982. The inspectors attended a critique of this event, between CDF and licensee personnel, on October 22, 1982. The inspectors found that the fire response actions, by CDF and the licensee, demonstrated timely communications, acceptable personnel actions and training, and generally good cooperation between CDF and the licensee. Items needing improvement were identified and are being acceptably addressed.

No items of noncompliance or deviations were identified.

7. Design Changes and Modifications

Work activities on the incore thermocouple system and containment annulus structural steel were observed. The activities were conducted in accordance with specification and drawing requirements. Control of tools, fire prevention and welding activities appeared appropriate.

No items of noncompliance or deviations were identified.

8. TMI Task Action Plan Items

Item III.D.1.1: Primary Coolant Sources Outside Containment

The inspector reviewed test results and leakage reduction measures for the Hydrogen Purge/External Recombiner System and the Containment Spray System. Test results for the Gaseous Radwaste System and the NSSS Sampling System will be examined during a future inspection.

No items of noncompliance or deviations were identified.

9. Exit Interview

The inspectors met with licensee representatives, denoted in paragraph 1, on October 29, 1982, and discussed the scope and findings of the inspection.