

U. S. NUCLEAR REGULATORY COMMISSION

REGION V

Report No. 50-275/82-25

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: July 4, 1982 through July 31, 1982

Inspectors: *D.F. Kirsch* 8-10-82  
for J. D. Carlson, Sr. Resident Reactor Inspector Date Signed

*M.M. Mendonca* 8-10-82  
for M. M. Mendonca, Resident Reactor Inspector Date Signed

Approved by: *D.F. Kirsch* 8-10-82  
D. F. Kirsch, Chief, Reactor Projects Section 3 Date Signed

\_\_\_\_\_  
Date Signed

Summary:

Inspection on July 4-31, 1982 (Report No. 50-275/82-25)

Areas Inspected: Routine inspections of plant operations, surveillance testing, physical security, maintenance, and TMI Action Item follow-up. The inspection involved 84 inspector-hours by two NRC Resident Inspectors.

Results: No items of noncompliance or deviations were identified.

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## DETAILS

### 1. Persons Contacted

- \*R. 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. Tadaro, Acting Security Supervisor
- \*R. T. Twiddy, Supervisor of Quality Assurance
- \*R. C. Howe, Regulatory Compliance Engineer

The inspectors also talked with and 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.

### 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 the licensee's adherence to limiting conditions for operations as prescribed in the facility Technical Specifications. Logs, instrumentation, recorder traces, and other operation records were examined to obtain information on plant conditions, trends, and compliance with regulations. The turnover of information on plant status was observed to determine that all pertinent information was relayed.

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

- a. General plant and equipment conditions
- b. Maintenance requests and repairs
- c. Fire hazards and fire fighting equipment
- d. Ignition sources and flammable material control
- e. Conduct of activities as per 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 cleanliness

During each week, the inspectors conversed with operators in the control room, and other plant personnel. The discussions centered on pertinent topics relating to general plant conditions, procedures, security, training, and other topics aligned with the work activities involved.

The inspectors examined the licensee's nonconformance reports to confirm the deficiencies were identified and tracked by the system. Identified nonconformances were being tracked and followed to the completion of corrective action.

No items of noncompliance or deviations were identified.

### 3. Maintenance

Maintenance activities including both preventive and corrective maintenance were reviewed by the inspectors during the month. Observations by the inspectors verified that proper approvals, system clearance and tests of redundant equipment were performed, as appropriate, prior to maintenance of safety-related systems or components. The inspectors verified that qualified personnel performed the maintenance using appropriate maintenance procedures. Replacement parts were examined to determine the proper certification of materials, workmanship and tests. During the actual performance of maintenance activity, the inspectors checked for proper fire protection controls and housekeeping, as appropriate. Upon completion of the maintenance activity, the inspectors verified that the component or system was properly tested prior to returning the system or component to service.

No items of noncompliance or deviations were identified.

### 4. Surveillance

The surveillance testing of safety-related systems were reviewed by the inspectors. Observations by the inspectors 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 met the acceptance criteria of the Technical Specifications 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 to restore the system or component to an operable status consistent with the technical specification requirements.

5. TMI Item II.G.1: Emergency Power for Pressurizer Equipment

The preoperational testing for the PORV backup Nitrogen System has been completed and reviewed. This closes this item.

No items of noncompliance or deviations were identified.

6. Exit Interview

The inspectors met with licensee representatives (denoted in Paragraph 1) on July 30, 1982. During this meeting, the scope and findings of the inspection were summarized by the inspectors.

