

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION V

Report No. 50-275/82-06
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: January 2 to January 29, 1982
Inspectors: Tolbert Young Jr. for 2-9-82
John D. Carlson, Sr. Resident Reactor Inspector Date Signed
Tolbert Young Jr. for 2-9-82
Marvin Mendonca, Resident Reactor Inspector Date Signed
Tolbert Young Jr. 2-9-82
Approved By: Tolbert Young, Jr., Reactor Projects Section 2 Date Signed

Summary:

Inspection of January 2 to January 29, 1982 (Report
No. 50-275/82-06)

Areas Inspected: Routine inspections of plant operations, surveillance testing, physical security, maintenance, and follow-up on LERs. The inspection involved 54 inspector-hours by two NRC Resident Inspectors.

Results: No items of noncompliance or deviations were identified.

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
*C. M. Seward, Acting Supervisor of Quality Assurance (QA)
*W. B. Kaefer, Technical Assistant to the Plant Manager
*R. G. Tadaro, Acting Security Supervisor

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. Operation 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 material control;
- 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; and
- h. Plant housekeeping and 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 traced 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 the 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 was reviewed by the inspectors. Observations by the inspectors included verification that proper procedures were used, that 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.

No items of noncompliance or deviations were identified.

5. Licensee Event Report (LER) Follow-up

The circumstances and corrective action described in the LER Nos. 81-07, 81-08, 81-09, and 81-10 were examined by the inspectors. The inspectors found that each LER had been reviewed by the licensee and reported to the NRC within the proper reporting intervals. The inspectors verified that appropriate corrective actions were taken. These LERs are considered closed.

No items of noncompliance or deviations were identified.

6. Non-routine Reporting Program

This inspection was conducted to ascertain: (1) whether responsibilities have been assigned for review and evaluation of off-normal operating events, planned and unplanned maintenance activities, surveillance testing, and outage activities assure conformance with regulatory requirements; and (2) whether there is a program to review and assure corrective action for vendor bulletins and circulars. This inspection found that the licensee's program and its implementation is in conformance with NRC accepted programs.

No items of noncompliance or deviations were identified.

7. Housekeeping/Cleanliness Program

This inspection was conducted to ascertain whether the licensee is implementing adequate housekeeping and cleanliness controls to assure that the quality of safety-related systems is maintained. It is found that the licensee's program and its implementation is in conformance with the NRC accepted program.

No items of noncompliance or deviations were identified.

8. General

The resident inspectors attended the ASLB hearings for full power licensing, as support to the NRC staff.

Also, Commissioner Tom Roberts, Gary Zech, and Jessica Lavery, the Commissioner's technical and legal assistants, respectively, were given a site tour by the resident inspectors. The tour included the control room, Unit 1 containment, and the Technical Support Center.

9. Exit Interview

The inspectors met with licensee representatives (denoted in paragraph 1) on January 29, 1982. During this meeting, the scope and findings of the inspection were summarized by the inspectors.