

U. S. NUCLEAR REGULATORY COMMISSION

REGION V

Report No. 50-275/82-37
50-323/82-16
Docket No. 50-275 License No. DPR-76 Safeguards Group _____
50-323 License No. CPPR-69

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

Facility Name: Diablo Canyon Units 1 & 2

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

Inspection conducted: October 31 through December 4, 1982

Inspectors: *D.F. Kirsch* 12/10/82
J. D. Carlson, Sr. Resident Reactor Inspector Date Signed

D.F. Kirsch 12/10/82
M. M. Mendonca, Resident Reactor Inspector Date Signed

Approved by: *D.F. Kirsch* 12/10/82
D. F. Kirsch, Chief, Reactor Projects Section No. 3 Date Signed

Summary:

Inspection from October 31 through December 4, 1982 (Report Nos. 50-275/82-37 and 50-323/82-16)

Areas Inspected: Routine inspections of plant operations, surveillance testing, physical security, maintenance, procurement, onsite review committee activities, general employee training, and licensed operator requalification training. The inspection involved 197 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. M. Lockett, Interim 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 December 3, 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 selected portions 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 of general plant conditions, procedures, security training, and other aspects of the involved work activities.

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

No items of noncompliance or deviation were identified.

3. Maintenance

Maintenance activities on a component cooling water pump, a 4160 V circuit breaker, a containment fan cooler unit, and a diesel generator were reviewed by the inspectors during the month. Observations by the inspectors verified that proper approvals were obtained and system clearance and tests of redundant equipment were performed, as appropriate, prior to conducting maintenance on safety related systems or components. The inspectors verified that qualified personnel performed the maintenance and used appropriate maintenance procedures. Replacement parts were examined to determine the proper certification of materials, workmanship and tests. During the actual performance of maintenance activities, the inspectors verified proper fire protection controls and housekeeping. Upon completion of the maintenance activity, the component was tested prior to return to service.

No items of noncompliance or deviations were identified.

4. Surveillance

Surveillance testing on the steam generator pressure and temperature, as required by Technical Specification 3.7.2.1, and the diesel generator system were reviewed by the inspectors. Observations by the inspectors included verification that proper procedures were used, test instrumentation was calibrated, and that the tested system or component was properly removed from service as required by the test procedure. Upon 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. Requalification Training

The inspectors attended operator requalification and hot-license-candidate training lectures and verified that the information presented was technically acceptable and met lesson plan requirements. In a future inspection, the inspectors intend to witness the simulator requalification training.

No items of noncompliance or deviations were identified.

6. Training

The inspectors reviewed selected training records and verified acceptable implementation of the licensee's general employee training program and attended selected portions of the licensee's training sessions. The inspectors also verified by interviews with personnel and review of lesson plans that instruction on prenatal radiation exposure was part of the training program.

No items of noncompliance or deviations were identified.

7. Procurement

Storage areas were toured, selected receipt inspections were observed, selected records were reviewed, personnel were interviewed and personnel qualifications were verified in this regard. One storage area was overcrowded to the extent that separation between safety and non-safety related materials could have been affected. The licensee is working on getting more space and cleaning up this storage area. This item will be examined during a future inspection. (82-37-01)

No items of noncompliance or deviations were identified.

8. Onsite Review Committee Activities

Plant Staff Review Committee meetings were attended and the resolution of discussed items verified. The meetings were conducted in accordance with Technical Specification requirements regarding quorum, frequency and review process. Minutes were reviewed and reflected the meeting discussions.

No items of noncompliance or deviations were identified.

9. Exit Interview

The inspectors met with licensee representatives (denoted in paragraph 1) on December 3, 1982 and discussed the scope and findings of the inspection.