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

REGION V

Report No. 50-133/80-02

Docket No. 50-133 License No. DPR-7 Safeguards Group _____

Licensee: Pacific Gas and Electric Company

77 Beale Street

San Francisco, California 94106

Facility Name: Humboldt Bay Unit 3

Inspection at: Eureka, California

Inspection conducted: May 20-22, 1980

Inspectors: P. J. Morrill for J.D.C. 6/9/80

J. D. Carlson, Reactor Date Signed

P. J. Morrill 6/9/80

P. J. Morrill, Reactor Inspector Date Signed

Approved By: D. M. Sternberg Date Signed

D. Sternberg, Chief, Reactor Project Section 1,
Reactor Operations and Nuclear Support Branch Date Signed

Summary:

Inspection on May 20-22, 1980 (Report No. 50-133/80-02)

Areas Inspected: Routine, unannounced inspection of operations; organization and administration; training; calibration; followup on IE Bulletins and Circulars; and independent inspection. The inspection involved 34 inspector-hours onsite by two NRC inspectors.

Results: No items of noncompliance or deviations were identified.

DETAILS

1. Persons Contacted

- *E. Weeks, Plant Superintendent
- *W. Rapp, Power Plant Engineer
- *R. Nelson, Senior Power Production Engineer
- *D. Peterson, Quality Control Engineer

The inspectors also interviewed other licensee employees during the course of the inspection including control operators, training coordinator and instrument and control supervisor.

*Denotes those present at the exit interview on May 22, 1980.

2. Plant Operations

The major items remaining to be completed during the outage have been deferred until resolution of the geologic/seismic issues at the plant. No major work was observed to be in progress during this inspection.

The inspectors walked through areas of the plant to observe activities in progress, to inspect the general state of housekeeping, and to check that monitoring instrumentation was reading or recording as required. Temperature and nuclear monitoring indications appeared normal. The inspectors observed that neutron monitoring indications appeared normal. The inspectors observed that neutron monitoring was being performed in accordance with Technical Specification requirements. Normal radiation control practices were in effect including the establishment of barrier controls. No unusual fluid leaks or piping vibrations were observed. The ventilation systems, nuclear instrumentation, component cooling system, and reactor protection systems were in operation during this tour.

Representative samples of the following logs and records from January - May 1980 were examined and discussed with licensee personnel:

- Control Operator's Log
- Shift Foremen's Log
- Jumper Log
- Clearance Logs
- Plant Staff Review Committee Minutes

No items of noncompliance or deviations were identified.

3. Calibration

The inspector examined selected licensee procedures and records, interviewed cognizant personnel, and observed the status of plant components and systems to verify the adequacy of procedures, qualifications of personnel, satisfactory calibration of standards, and conformance to regulatory requirements. These examinations included components and

- instruments required to determine conformance to technical specifications as well as devices not identified in the technical specifications but located in safety related systems. Selected instrumentation calibrations in the reactivity control system, reactor coolant system, emergency core cooling system, fire protection system, and plant electrical system were examined. The inspector observed that calibrations of devices not required the present plant mode (cold shutdown) of operation have been deferred indefinitely. Licensee representatives stated that these deferred calibrations would be completed prior to start-up.

No items of noncompliance or deviations were identified.

4. Organization and Administration

The inspector examined the licensee's technical specifications, administrative procedure B-1 (qualification of personnel on the plant staff), and ANSI N18.1-1971 requirements on organizational selection and personnel qualifications, minimum shift crew composition and review committee membership and qualifications.

The inspector noted that Mr. Terry Nelson had been promoted to Senior Power Production Engineer. Mr. Nelson's qualifications were reviewed and determined to be satisfactory for filling this position. The position is not described in the technical specifications; therefore, is not reportable to NRC.

No items of noncompliance or deviations were identified.

5. Training

The inspector reviewed the following administrative procedures to assure that appropriate plant personnel were trained to a level commensurate with their duties:

B-1, Qualification of Personnel on the Plant Staff

B-2, General Requirements for Training of Onsite Personnel

Through examination of training records and discussions with the present and past training coordinators, the inspector verified the level of training met the requirements of the licensee's training program as well as industry standards and NRC regulations.

No items of noncompliance or deviations were identified.

6. Bulletins/Circulars

The inspector verified the licensee had received the IE Circulars and Bulletins listed below. An examination of records and discussions with licensee representatives verified appropriate corrective action was identified or taken as follows:

a. Circulars

80-03, Protection from Toxic Gas Hazards: This circular is not applicable to Humboldt Bay #3 since chlorine or ammonia is not used at this facility.

b. Bulletins

No change in status from that previously reported. The remainder of the circulars and bulletins previously reported are open and are being carried on an open items list for resolution prior to restart of the facility.

No items of noncompliance or deviations were identified.

7. Reportable Event Followup

The circumstances and corrective action described in the Licensee Event Reports (LER) listed below were verified by the inspector through examination of records, interviews with personnel, and examination of equipment. The events have been reviewed by the licensee and reporting requirements were met:

79-03 and 08-01, Fire Water System Low Pressure Setpoint Drift: A new pressure switch has been installed and tested. The system is now operating properly. (Closed)

79-04, Refueling Building Ventilation Supply Valve Failed Closed: Poor attachment of pivot arm to butterfly valve stem resulted in the valve failing closed degrading the building containment system. The cause of the problem was determined to be the design of the locking mechanism of the pivot arm to the valve stem. The licensee inspected similar units and found the Gas Treatment System Flow Control Valve had the same problem. The licensee has repaired the ventilation supply valve. The flow control valve repair remains outstanding. (open)

80-02, Delay of Unit #1 Trip Test: The licensee has a technical specification requirement to perform a test to verify if fossil units #1 and #2 can carry unit #3 house load. This test is to be performed every five years. Since unit #3 has been indefinitely shutdown, the test has been deferred until restart. (open)

8. Exit Interview

The inspector met with licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on May 22, 1980. The purpose and scope of the inspection was summarized. The licensee was advised that no items of noncompliance or deviations were identified.