

U. S. NUCLEAR REGULATORY COMMISSION

REGION V

Report No. 50-312/83-04
Docket No. 50-312 License No. DPR-54
Licensee: Sacramento Municipal Utility District
P. O. Box 15830
Sacramento, California 95813
Facility Name: Rancho Seco Unit 1
Inspection at: Herald, California (Rancho Seco Site)
Inspection conducted: February 17-18 and 24-25, 1983

Inspectors: Talbert Young Jr. for 3-8-83
P. Johnson, Reactor Inspector Date Signed

Approved by: Talbert Young Jr. 3-8-83
T. Young, Jr., Chief Date Signed
Reactor Projects Section No. 2
Reactor Projects Branch No. 1

Summary:

Inspection on February 17-18 and 24-25, 1983 (Report No. 50-312/83-04)

Areas Inspected: Routine, unannounced inspection of the surveillance and calibration control program, plus independent inspection effort. The inspection activities involved 27 inspector-hours by one regionally based inspector.

Results: No violations or deviations were identified.

DETAILS

1. Persons Contacted

- *P. Oubre', Plant Superintendent
- *T. Perry, Onsite Quality Assurance Supervisor
- *R. Colombo, Technical Assistant
 - N. Brock, Instrument and Control Engineer
 - J. Price, Surveillance Coordinator
 - S. Carmichael, Assistant Electrical Engineer
- *S. Crunk, Assistant to Technical Assistant

The inspector also talked with other licensee personnel, including engineers, instrument foremen, and clerical personnel.

*Denotes those attending exit interview.

2. Licensee Action on Previous Inspection Findings

Additional Information on 50.59 Safety Evaluations (82-04-02, closed). The licensee's letter dated December 15, 1982, forwarded a summary of the 50.59 safety evaluations for plant modifications reported in the April and May 1982 monthly reports.

3. Surveillance Testing and Calibration Control Program

The inspection was principally given to examination of the methods, programs, and administrative controls by which the licensee ensures proper scheduling, completion, and documentation of required surveillance tests and calibrations. The following documents were examined:

- Administrative Procedure AP.1, Responsibilities and Authorities
- Administrative Procedure AP.2, Review, Approved, and Maintenance of Procedures
- Administrative Procedure AP.303, Surveillance Program
- Administrative Procedure AP.650, Preventive Maintenance Program
- Selected Surveillance and Calibration Procedures
- Master and Periodic Surveillance Test Schedules
- Technical Specifications Calibration Schedule
- Preventive Maintenance Schedule (computer-based) and selected computer-printed work requests
- Pressurizer code safety valve surveillance test records and related work requests, 1978-83.

The findings which resulted from examination of the above documents and from interviews with several cognizant individuals were as follows:

- a. A master schedule had been established to provide for the scheduling and completion of surveillance tests and calibrations required by the Technical Specifications. The schedule, manually maintained by the Surveillance Coordinator, was being distributed weekly to show tests completed and tests scheduled for performance.
- b. Calibrations required by the Technical Specifications were being scheduled and followed by the Instrument Foremen. These were also tracked by the Surveillance Coordinator to verify timely completion.
- c. A computer-based preventive maintenance program had been established to provide for periodic testing or calibration of items not specifically listed in the Technical Specifications. One feature of this program was the use of computer-printed work requests to accomplish calibrations or other preventive maintenance items.
- d. Responsibility for maintaining the surveillance and preventive maintenance schedules had been assigned in writing, and written procedures and calibration charts had been provided.
- e. Examination of pressurizer code safety valve test records showed that at least one valve had been tested each refueling interval as required by Table 4.1.2 of the Technical Specifications. One safety valve (Serial No. 9499) was found to have a high setpoint in February 1981 (2600 psig vs. a specified setpoint of 2500 ± 25 psig); this was reported by the licensee as LER 81-06.

4. Exit Interview

The inspector met with licensee representative (denoted in paragraph 1) at the completion of the inspection. The inspection findings were discussed, as set forth in paragraphs 2 and 3.