



**SMUD**

SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, Box 15830, Sacramento, California 95813; (916) 452-3211

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REGION V

August 24, 1982

R H ENGELKEN, REGIONAL ADMINISTRATOR  
REGION V OFFICE OF INSPECTION & ENFORCEMENT  
U S NUCLEAR REGULATORY COMMISSION  
1450 MARIA LANE SUITE 210  
WALNUT CREEK CA 94596

OPERATING LICENSE: DPR-54  
DOCKET NO. 50-312  
REPLY TO IE INSPECTION REPORT 82-20

In response to the inspection conducted by Mr. G. Hernandez during the period of May 10-14, 1982 we offer the following information.

Appendix A of your letter notes the following Severity Level V (Supplement II) Violation:

10 CFR 50, Appendix B, Criterion V, states, in part, that "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings."

Quality Assurance Procedure Number 14, Revision 6, of the SMUD Quality Assurance Manual states that the purpose of the procedure is, "To establish a system of periodic calibration to assure the accuracy of instruments, gauges and measuring devices used in the operation of Rancho Seco Unit No. 1."

Engineering and Inspection Instruction (EII) No. G-6, Revision 0 states that, "The purpose of this procedure is to assure that tools, gauges, instruments and other measuring and test equipment used at Rancho Seco during construction and major modifications are properly controlled, calibrated, and adjusted to maintain accuracy within necessary limits." In paragraph 2.1 that, "The scope of this procedure covers those Rancho Seco measuring and test equipment and calibrated tools which are maintained by Generation Engineering and required in support of construction requirements used in activities affecting quality class. A master equipment list of these calibrated items shall be maintained by Generation Engineering Inspection Department."

Contrary to the above on May 12, 1982, the Gilson shaker and screens used by the onsite testing laboratory for performing coarse aggregate

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tests were found to be out of calibration. Calibration for this equipment was due on April 29, 1982. On May 12, 1982 coarse aggregate sample no. AGD 20.1 was tested using this equipment. Sample No. AGD-20.1 represented material used for Nuclear Service Electrical Building's Concrete Placement No. 23.

In addition, contrary to Engineering and Inspection Instruction No. G-6, no master equipment list existed for measuring and testing equipment used in construction activities.

District Reply

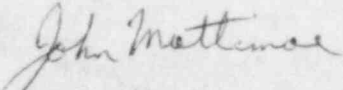
The Gilson Shaker is not maintained by Generation Engineering Department. Therefore EII No. G-6 is not applicable, and the Gilson Shaker is not shown on its master equipment list. The Gilson Shaker is maintained by a materials testing contractor retained by the District. This contractor performs his services under testing and calibration procedures approved by the District's Quality Assurance Department, which includes his maintenance and use of a master equipment list.

Immediate upon discovery, May 14, 1982, Non-Conformance Report S-2671 was generated, and the District's Quality Assurance Department began a special audit of the contractor. The equipment's calibration was checked in accordance with approved procedures from May 14 through May 20, 1982. The equipment was found to be within acceptance limits, and previously performed tests are therefore valid. The audit was completed on May 26, 1982, and found the contractor to be in full compliance. NCR S-2671 was dispositioned on May 27, 1982.

Surveillances by District personnel have been and will continue to be performed on a routine basis to assure compliance is maintained.

Full compliance was achieved on May 20, 1982 and is being maintained.

If you have any further questions or comments please contact us.

  
John J. Mattimoe  
Assistant General Manager  
and Chief Engineer