

SMUD

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

March 12, 1980

Mr. R. H. Engelken, Director
Region V Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
1990 North California Boulevard
Walnut Creek Plaza, Suite 202
Walnut Creek, California 94596

Re: NRC Inspection 80-2
Docket No. 50-312
License No. DPR-54
Rancho Seco Nuclear Generating Station
Unit No. 1

Dear Mr. Engelken:

In reply to your inspection conducted by Mr. R. Fish on January 21-25, 1980, we offer the following corrective actions to assure full compliance with NRC requirements.

Appendix A of your letter notes the following deficiency:

"A. Technical Specification 2.2, Appendix B, requires that the total residual chlorine in effluent water not exceed a maximum rate of 0.2 mg/liter.

"Contrary to this requirement the total chlorine concentration in plant effluent exceeded the limit on October 24, November 20, December 3, December 5 and December 14, 1979."

SMUD Reply

The incidents of high chlorine in the plant effluent water greater than 0.2 mg/liter were replied to in Unusual Event Report Nos. 79-02, 79-03, 70-03 Followup, 7, 79-04, 79-05 and 79-06. The problem was finally resolved in the final report to the NRC.

The consolidated program intended to preclude recurrence is:

- 1) Maintenance Procedure M-112 has been revised to require two inspections, cleanings and completion of a checklist of items per week. The checklist is reviewed by the Plant Chemist.

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- 2) The operating procedure is being revised to require a minimum flow of 500 gpm dilution water and terminated only when the Circulating Water System chlorine concentration is low enough to provide adequate dilution of the sewage effluent.
- 3) An additional sewage treatment system will be added at Rancho Seco to decrease the loading of the existing unit. This program is in the engineering phase and the design should be completed by December, 1980. The additional unit is expected to be put into operation in 1982.

These efforts combined with the changes explained in the Unusual Events will prevent recurrence of exceeding the chlorine discharge limits in the plant effluent.

Sincerely,



Wm. C. Walbridge
General Manager

WCW:RWC:jr