



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

August 14, 1980

Mr. R. H. Engelken, Director  
Region V Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
1990 North California Boulevard  
Walnut Creek Plaza, Suite 202  
Walnut Creek, California 94936



Re: Operating License DPR-54  
Docket No. 50-312  
Reportable Occurrence 80-38

Dear Mr. Engelken:

In accordance with Technical Specifications for Rancho Seco Nuclear Generating Station, Section 2.2, Appendix B, the Sacramento Municipal Utility District hereby submits the following written report concerning an Unusual Event, which was initially reported to Mr. G. Yuhas of your office on August 7, 1980.

A monthly review of plant effluent charts indicated that on July 29 and July 30, 1980 the Technical Specification limit for plant effluent chlorine may have been exceeded. Technical Specifications Appendix B, Section 2.2, limits the effluent chlorine to 0.2 mg/liter. The limit has been established for samples measured at Clay Creek at the western edge of SMUD property (site boundary).

Commitments to the California Regional Water Quality Control Board are such that if analysis shows concentrations in excess of the specification at the plant effluent, a followup sample is taken at the site boundary within one hour to determine compliance with the Technical Specifications. Corrective actions such as dilution would then be initiated.

On both July 29 and July 30, the plant effluent samples indicated chlorine in excess of the 0.2 mg/l allowable. Followup samples at the site boundary indicated 0.2 and 0.18 mg/l which are within the Technical Specification limit. However, after obtaining samples at the site boundary, the chemist obtained another sample at the effluent. These additional samples again indicated chlorine in excess of the specification.

Since the effluent samples, although out of specification, had not changed from the original, and the followup site boundary samples had been within specifications, a second followup sample was not obtained. Since a second followup sample at the site boundary was not obtained, it is unknown whether the specification for chlorine was or was not exceeded at that location.

The Plant Review Committee determined that, since no sample was

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Mr. R. H. Engelken

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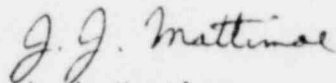
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obtained which could verify a lower concentration at the site boundary, the latest known concentration at the plant effluent would have to be utilized as the actual value.

Chemistry personnel are being informed of this occurrence with emphasis placed on the necessity of a followup sample at the site boundary for every out-of-specification sample obtained at the effluent rather than just the initial sample.

There were no plant transients nor power reductions associated with this event.

Respectfully submitted,



J. J. Mattimoe  
Assistant General Manager  
and Chief Engineer

JJ HH:jr

cs: Director, MIPC (3)  
Director, I&E (30)