



SMUD

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

November 15, 1979

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 94396

Re: Operating License DPR-54
Docket No. 50-312
Reportable Occurrence 79-13

Dear Mr. Engelken:

In accordance with Technical Specifications for Rancho Seco Nuclear Generating Station Section 6.9.4.1.i. and Regulatory Guide 1.16, Revision 4, Section C.2.a(9), the Sacramento Municipal Utility District is hereby submitting a fourteen-day followup report to Reportable Occurrence 79-13, which was initially reported to H. Canter, of your office, on November 1, 1979, and by a confirmation letter on November 2, 1979.

On August 8, 1979, NRC-Washington identified specific actions to be taken by licensees in regard to IE Informational Notice 79-04. Specifically, the letter requested the licensees to determine whether the offsite power system and the onsite distribution system are of sufficient capacity and capability to automatically start and operate all required safety loads within their required voltage ratings.

An analysis of our system was begun, utilizing 220KV as the offsite degraded voltage condition. However, on September 12, 1979, during a peak period for the Northern California grid, Rancho Seco Unit 1 experienced a unit trip. The actual degraded voltage condition which existed following the unit trip was 214KV. Since the previously assumed 220KV could no longer be considered valid, further analysis was required.

The preliminary results of the reanalysis were presented to the Plant Review Committee on October 5, 1979. These findings indicated that there were two particular cases when the onsite power distribution system was inadequate. These two cases were discussed in detail and various remedial actions were proposed.

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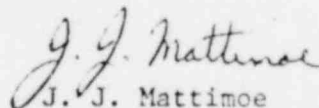
The committee recommended that the cognizant District engineer contact NRC-Washington in regard to the potential problem and proposed remedial actions. Upon concurrence from NRC on the remedial action, the item would be resubmitted to the Plant Review Committee along with the appropriate design changes and modifications. This was accomplished via a telephone conversation between Mr. R. Daniels (SMUD) and Mr. M. Fairtile (NRC-Washington) on October 10, 1979, and a followup letter on October 17, 1979. On November 1, 1979, the design changes and modifications were submitted to the Plant Review Committee. Based upon NRC acknowledgement of the analysis and the District's proposed remedial action, the committee determined this item as a reportable occurrence and notified the resident inspector.

The immediate remedial actions which the District proposed and will implement during the November 17, 1979, shutdown are:

1. Set the existing undervoltage relay for the Nuclear Service Buses at 0.9 of 4160V and the existing overvoltage relay at 110% of 4160V.
2. Move the Diesel Room Supply and Exhaust Fans from block 2 to block 3 of the block loading sequence (FSAR Table 8.2-2).

The immediate remedial actions will assure that the Engineered Safety Features equipment will start and operate within their required voltage ratings.

Respectfully submitted,



J. J. Mattimoe
Assistant General Manager
and Chief Engineer

JJM:RWC:HH:jim

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