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

May 5, 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: Operating License DPR-54
Docket No. 50-312
Reportable Occurrence 80-19

Dear Mr. Engelken:

In accordance with Technical Specifications for Rancho Seco Nuclear Generating Station, Section 6.9.4.2b and Regulatory Guide 1.16, Revision 4, Section C.2.b(2), the Sacramento Municipal Utility District is hereby submitting a thirty-day report of Reportable Occurrence 80-19.

On April 6, 1980, during the performance of SP 203.01A, SFAS Digital Channel 1A Refueling Test, the breaker for the "A" NSRW pump P-472A, failed to close. Subsequent attempts at closing the breaker in either the "connected" or "test" position proved unsuccessful. The breaker was removed from its cubicle and inspected to determine the cause of the failure. No mechanical nor electrical components associated with the breaker were found to be defective. However, a portion of the mechanical linkage was found to have an excessive accumulation of dirt and hardened lubricant. After a thorough cleaning and relubrication, the breaker tested satisfactorily.

A review of the preventive maintenance procedure, EM.133 revealed that most of the mechanical linkage and mating surfaces of moving current-carrying joints are routinely cleaned and relubricated. However, the portion of the linkage in question, due to both its inaccessibility and not having been recommended by the manufacturer as a normal P.M., was not included. As a result of this occurrence, the EM procedure will be revised to include cleaning and re-lubricating that section of the linkage. Additionally, all 4160-volt Class 1 breakers will be placed on an accelerated P.M. schedule so that all will be inspected/cleaned prior to the end of the 1981 refueling outage.

The District is also contacting the breaker manufacturer to inform them of the occurrence and inquire whether they may have any additional recommenations.

The present surveillance schedule is adequate to provide early detection of similar problems. The revision of the EI procedure, combined with an accelerated P.M. schedule should minimize the probability of a recurrence.

The particular breaker is a 5KV power circuit breaker, type 5HK350, manufactured by ITE Imperial Corporation.

Since the plant was shut down for refueling, there were no transients nor power reductions associated with this event.

Respectfully submitted,

J. J. Mattimoe

J. J. Mattimoe
Assistant General Manager
and Chief Engineer

JJM:jim

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