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

February 25, 1981

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, CA 94596

Re: Operating License DPR-54
Docket No. 50-312
Reportable Occurrence 81-04

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 81-04.

On February 2, 1981, while performing SP 205.07C, Isolation Valve Surveillance Test, SFV-46204, the Component Cooling Water R. B. Isolation Valve, failed to close from its normal open position. Since the valve was determined to be inoperable, the other containment isolation valve in the line, SFV-46203, was tested to assure operability. SFV-46203 sucessfully passed its surveillance test.

Since SFV-46204 utilizes an air-operator rather than a motor-operator, the instrument air system became suspect. Previous experiences with slow stroke times or inoperable air-operated valves have been associated with water in the instrument air lines (reference LER 75-1). An instrument technician was requested to investigate the cause of the failure to stroke. As suspected, water was found in the air line and valve actuator. The water was drained and the line was blown down. Subsequent attempts to stroke the valve proved successful.

Following the 1975 occurrence numerous modifications and operational changes were performed on the instrument air dryer system. However, the moisture problem was not entirely alleviated. As a result, the original instrument air dryers were replaced in the later part of 1980. The new system experienced several operational problems within the first several months of operation. However, upon resolving the initial problems, the system has operated satisfactorily.

During the Plant Review Committee's review of this occurrence, the cause of the water in the valve actuator was attributed to residual moisture in the air system from the first several months of operation

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with the new air dryers. To assure that the instrument air system is void of all residual moisture, the system was drained at the low points within the auxiliary building.

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

Respectfully submitted,

John J. Mattimoe

John J. Mattimoe
Assistant General Manager
and Chief Engineer

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