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

RJR 83-541

July 7, 1983

J B MARTIN, REGIONAL ADMINISTRATOR  
REGION V OFFICE OF INSPECTION AND ENFORCEMENT  
U S NUCLEAR REGULATORY COMMISSION  
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SPECIAL REPORT NUMBER 83-06, REACTOR BUILDING STRUCTURAL INTEGRITY REPORT

In accordance with Rancho Seco Nuclear Generating Station Technical Specifications Section 6.9.5.B.1 and 10 CFR 50 Appendix K, the Sacramento Municipal Utility District hereby submits a report of the annual Reactor Building Structural Integrity Inspection performed during June and July of 1983. A copy of the Inspection Procedure, SP 205.04, Surveillance of Containment Structure Interior and Exterior Surfaces, is attached; a summary of the inspection and appropriate corrective action is listed below.

Summary

1. A visual inspection of the Reactor Building found no abnormal conditions that would affect the building's structural integrity or leak tightness.
2. A large amount of grease was found to have been leaking from the lower ring of the dome on the 4th tendon north of the Purge Inlet/Exhaust valve. The excess grease will be removed before the end of the current refueling and TMI Modifications outage.
3. The tendon number indications were found to be covered from the re-surfacing of the tendon area that was performed during the recent tendon surveillance. For corrective action, the tendons will be re-numbered before the end of this year.
4. As noted in the Reactor Building Structural Integrity Reports for the inspections of March 5, 1981, and July 14, 1982, small cracks were found to exist around the dome and in the tendon gallery. These cracks have been determined to be a normal part of the concrete aging process. As a precaution,

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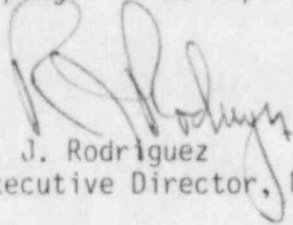
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the cracks are being monitored by the use of markings, maps, and photographs.

5. Some paint peeling and corrosion was found to exist on the Nuclear Service Water piping located between the -16 ft. and -22 ft. levels on the south side of the Reactor Building. The corrosion will be removed and the affected piping will be repainted before the end of the next refueling outage.



R. J. Rodriguez  
Executive Director, Nuclear

cc: Director, NRR

