



Southern California Edison Company

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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: NRC Inspection Report 50-206/94-23
San Onofre Nuclear Generating Station Unit 1

The subject report identified an NRC concern regarding the potential for negative long-term metallurgical effects to the Unit 1 spent fuel pool stainless steel liner from contact with poor quality water. During the exit interview conducted by the NRC inspection team, Edison agreed to perform an evaluation for potential degradation that could occur to the spent fuel pool stainless steel liner.

Attached is Edison's evaluation, "SONGS 1 Spent Fuel Pool Liner Plate Evaluation." This report indicates the long-term integrity of the spent fuel pool stainless steel liner was evaluated and concluded to be adequate to provide a barrier that prevents significant leakage from the pool. The current leakage to the leakage detection well is small and the makeup water capacity to the pool is large in comparison. In addition, it was determined that the spent fuel pool environment of low water temperature, low stresses, low chloride concentration, and high water pH, are not conducive to stress corrosion cracking. Edison will continue monitoring the leak detection well, pumping

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out the well when required, and performing chemical analysis of the contents as stated in the attached evaluation.

If you have any questions regarding this matter, please let me know.

Sincerely,



Enclosure

RSG:c:\rich\sfpreprt.ltr

cc: A. B. Beach, Director, Division of Reactor Projects,
Region IV
K. E. Perkins, Jr., Director, Walnut Creek Field Office, NRC Region IV
M. K. Webb, NRC Project Manager, San Onofre Unit 1
Louis Carson, Regional Project Inspector, San Onofre Unit 1
S. S. Bajwa, Section Chief, Decommissioning Section