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Director, Office of Nuclear Reactor Regulation
Attention: J. A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Subject: Docket No. 50-206
Progress on Selected Regulatory Projects
San Onofre Nuclear Generating Station
Unit 1

Enclosed with this letter is a description of the progress on selected regulatory projects now ongoing for San Onofre Unit 1. The enclosure will be updated monthly and provided for your information.

If there are any questions on these projects, please contact me.

Very truly yours,

M.O. Medford

Enclosure

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PROGRESS ON SELECTED REGULATORY PROJECTS
SAN ONOFRE UNIT 1

Introduction

The following is a summary on the progress of selected regulatory projects at San Onofre Unit 1.

Long-Term Seismic Upgrading

The Long-Term Seismic Upgrade Program continues on schedule. Meetings are now underway with members of the NRC staff to discuss NRC comments and questions on recently developed time histories, LLNL soil-structure interaction analysis, Refueling Water Storage Tank Qualification, the Secant Stiffness method, qualification of piping, use of stress-strain correlations and EG&G piping qualification confirmatory analyses. Modifications to complete the seismic upgrade of SONGS 1 to 0.67g are scheduled for the November 30, 1985 outage.

Fire Protection

A submittal is scheduled for September 30, 1985 on Appendix R, Section III.G compliance plans for San Onofre Unit 1. This letter provides the response required by Generic Letter 81-12. The submittal will discuss SCE's plans for modifications to be installed during the November 30, 1985 outage.

Environmental Qualification

An NRC team will be visiting the San Onofre Site on September 23, 1985 to conduct an audit of the EQ program. On November 30, 1985, San Onofre Unit 1 will be shut down prior to end-of-core life for the purpose of replacing components as part of this program. Other than the components that will be replaced during the outage, the EQ evaluations were completed by March 1985 deadline.

Third Train of Auxiliary Feedwater

An additional auxiliary feedwater pump will be added during the upcoming outage as part of the fire protection dedicated safe shutdown system. The new components are to be installed as NSR during the outage and will be manually operated. Upgrading to SR and modification of the system to be fully automatic will take place during the refueling for Cycle X operation.

TDI Diesel Generators

In accordance with SCE to NRC transmittals dated March 8, 1985 and September 3, 1985, the TDI diesel generators will undergo extensive inspections during the upcoming refueling outage. New Technical Specifications have been proposed to the NRC to reduce the number of fast starts required for diesel testing purposes. In the near future, SCE plans to submit an additional Technical Specification change to reduce the frequency of slow starts required for diesel testing after one or more sources of A.C. power has been lost. On September 13, 1985, a meeting was held with the NRC staff to discuss the adequacy of diesel generator crankshaft oil hole inspections performed to date.

Control Room Habitability

SCE is completing a review of the control room habitability. Responses to NRC staff questions will be submitted September 19, 1985. SCE's determination on the need and extent of modifications is planned for submittal by November 15, 1985.

Supplement 1 to NUREG-0737

SCE's plans for completion of a Control Room Design Review, Regulatory Guide 1.97 Comparison and Safety Parameter Display System Evaluation were delineated in the August 29, 1985 revision to the Integrated Living Schedule. Contractors are now being selected to assist in the Control Room Design Review. The program plan for this work will be submitted by December 16, 1985. A study on the degree of compliance with Regulatory Guide 1.97 is in progress and expected to be completed by December 16, 1985. The completion of the evaluation of Safety Parameter Display System is dependent upon completion of the above two projects and is scheduled to be complete by January 1, 1987.

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