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May 30, 1986

Director, Office of Nuclear Reactor Regulation
Attention: Mr. G. E. Lear, Director
PWR Project Directorate No. 1
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

Reference: Letter, M. O. Medford, SCE, to
G. E. Lear, NRC, dated May 2, 1986

Enclosed with this letter is the eighth revision of our description of the progress on selected regulatory projects now ongoing for San Onofre Unit 1. The previous description of this status was submitted via the reference. We will continue to provide monthly updates of the enclosure for your information.

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

Very truly yours,

Enclosure

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PROGRESS ON SELECTED REGULATORY PROJECTS
SAN ONOFRE UNIT 1

REVISION 8

Introduction

The following is Revision 8 of the progress on selected regulatory projects at San Onofre Unit 1.

Long-Term Service Seismic Upgrading

The majority of information related to the SONGS 1 seismic reevaluation program has been submitted to the NRC. Additional information will be provided by June 6. Modifications required to upgrade systems and equipment will be completed during the current outage.

Fire Protection

Many of the fire protection modifications required for return to service have been completed and are being tested. The remaining modifications will be completed prior to return to service. These modifications will assure compliance with Section III.G, III.J and III.O of 10 CFR 50, Appendix R. During the week of May 19, 1986, a fire protection audit was performed at San Onofre Unit 1. As a result of the audit, the Fire Protection inspection team provided new guidance regarding the means of demonstrating compliance with 10 CFR 50, Appendix R, Section III.G. The application of this new guidance results in the need to resubmit part of the 10 CFR 50, Appendix R, Section III.G.1 Compliance Evaluation as Requests for Exemption from 10 CFR 50, Appendix R, Section III.G.2. This submittal is currently scheduled to be forwarded to NRR for review by May 30, 1986.

Environmental Qualification

During the current outage, SCE is completing the replacement/upgrade of equipment for the Environmental Qualification Program. This work continues on schedule.

Third Train of Auxiliary Feedwater

There have been no changes in the status of implementation of the third train of auxiliary feedwater. A third auxiliary feedwater pump is being installed during the current outage. The components being installed during the outage will be considered non-safety related and are being installed primarily as part of the dedicated shutdown system for fire protection. The third pump will be upgraded and integrated as a third train of the auxiliary feedwater system during the refueling/backfit outage for Cycle 10 operation.

TDI Diesel Generators

The inspections of diesel generators No. 1 and No. 2 have been completed. A report on the results of DG No. 1 inspections was submitted to the NRC on May 19, 1986. A report on DG No. 2 inspections will be submitted by June 13, 1986. Based on inspection results in the No. 2 diesel generator turbocharger, supplemental inspections of the No. 1 diesel generator turbocharger are planned prior to June 5, 1986. A supplement to our May 19 report will be provided with our June 13, 1986 submittal.

Control Room Habitability

By letter dated March 28, 1986, Amendment Application No. 133 and descriptions of proposed modifications to the control room HVAC were submitted. The Amendment Application provides proposed technical specifications to be used in operating the modified HVAC. The modifications to the HVAC will be scheduled in the next update of the SONGS 1 ILS.

From May 20-22, 1986, members of the NRR and Region V staff performed inspections of the SONGS 1 control room HVAC system. This inspection resulted in an SCE commitment to provide a description of the current control room HVAC design basis and a revision to the modification proposal that responds to the NUREG-0737, Item III.D.3.4 issues. The design basis submittal will be provided on June 2, 1986 and the additional information regarding the proposed modifications has yet to be scheduled.

Supplement 1 to NUREG-0737

The schedule for completion of the Control Room Design Review (CRDR), Regulatory Guide 1.97 and Safety Parameter Display System (SPDS) Evaluation remains as delineated in the August 29, 1985 revision of the ILS. The next scheduled NUREG-0737, Supplement 1 submittal will be the SPDS criteria on January 9, 1987.

Inadequate Core Cooling

SCE is in the process of preparing a submittal to support deviation from guidance to install a reactor vessel level monitoring system. The submittal is scheduled for early June 1986.

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