

August 10, 1992

Docket Nos. 50-206, 50-301
and 50-362

Mr. Harold B. Ray
Senior Vice President
Southern California Edison Co.
Irvine Operations Center
23 Parker Street
Irvine, California 92718

Mr. Edwin A. Guiles
Vice President
Engineering and Operations
San Diego Gas & Electric Co.
101 Ash Street
San Diego, California 92112

Gentlemen:

SUBJECT: ACCEPTANCE OF TOPICAL REPORT SCE-9001, "PWR REACTOR PHYSICS
METHODOLOGY USING CASMO-3/SIMULATE-3" FOR USE AT SAN ONOFRE
NUCLEAR GENERATING STATION, UNITS 1, 2, AND 3 (TAC NOS. M77846,
M77843, AND M77844)

In letter dated October 20, 1990, Southern California Edison (SCE) Company requested the NRC to review Topical Report SCE-9001, "PWR Reactor Physics Methodology Using CASMO-3/SIMULATE-3," for application to steady-state core reload design activities for the San Onofre Nuclear Generating Station, Units 1, 2, and 3. The enclosed Safety Evaluation Report (SER) provides the results of the staff's review of this report. The staff finds the application of CASMO-3/SIMULATE-3 acceptable for use in reload analyses as discussed in the attached SER.

The staff's approval of the application of Topical Report SCE-9001 is limited to the fuel configuration and core design parameters verified in this topical report. Introduction of significantly different fuel designs will require further validation by SCE.

Sincerely,
Original signed by

Mel B. Fields, Project Manager
Project Directorate V
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation Report

cc: See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in cursive script that reads "Mel B. Fields".

Mel B. Fields, Project Manager
Project Directorate V
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation Report

cc: See next page

Messrs. Ray and Guiles
Southern California Edison Company

San Onofre Nuclear Generating
Station, Units No. 1, 2, and 3

cc:

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