

Southern California Edison Company

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November 24, 1992

Mr. John B. Martin, Administrator
U. S. Nuclear Regulatory Commission, Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

Dear Mr. Martin:

Subject: Docket No. 50-361
Special Report
San Onofre Nuclear Generating Station, Unit 2

This report is being submitted in accordance with Technical Specification (TS) 3.3.3.3.a of Facility Operating License NPF-10, San Onofre Unit 2. The TS requires Southern California Edison (SCE) to submit a special report when the seismic monitoring instrumentation becomes inoperable for more than 30 days.

On October 21, 1992, with Unit 2 in Mode 1 at 100% power, steam generator base support strong motion accelerometer (SMA) 2XT-8020B was determined to be inoperable following the performance of a routine monthly surveillance test. Specifically, the vertical channel of 2XT-8020B did not respond as required by procedure S023-II-2.1, "Surveillance Requirement Seismic Time History Accelerometer Model SMA-3 Functional Test."

Initial troubleshooting of the seismic instrumentation components and circuitry identified the malfunction to be associated with the 2XT-8020B field sensor. Further troubleshooting will require containment entry for accessing 2XT-8020B. Due to radiation exposure considerations during power operations, personnel are precluded from performing further investigative efforts. Troubleshooting and repair efforts for 2XT-8020B will be performed during the next Unit 2 shutdown of sufficient duration.

Other seismic instrumentation has remained operable (except for routine surveillances), so the ability to detect and measure the effects of an earthquake has not been significantly impaired.

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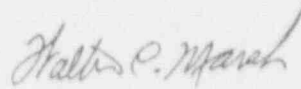
Mr. John B. Martin, Administrator

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November 24, 1992

If you require any additional information, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Walter P. Martin".

cc: U. S. Nuclear Regulatory Commission Document Control Desk
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3
C. W. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2 & 3