

*Southern California Edison Company*

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. B. RAY

STATION MANAGER

June 22, 1982

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REGIONAL

TELEPHONE  
(714) 932-7200

U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596-5368

Attention: Mr. R. H. Engelken, Regional Administrator

Dear Sir:

Subject: Docket No. 50-361  
Written Confirmation of Prompt Reportable Occurrence  
Licensee Event Report No. 82-034  
San Onofre Nuclear Generating Station, Unit 2

In accordance with Appendix A Technical Specification 6.9.1.12.i to Operating License NPF-10, this submittal provides written confirmation of a prompt reportable occurrence involving the Core Protection Calculator at San Onofre Unit 2. Prompt telephone notification of the occurrence was made to G. Zwetzig of your office at 1400 hours on June 21, 1982.

During performance of post-core hot functional testing, discrepancies were discovered involving Reactor Coolant Pump (RCP) pump speed and Control Element Assembly (CEA) position indication. These parameters are utilized by the Core Protection Calculators (CPC's) for use in calculation of Departure from Nucleate Boiling Ratio (DNBR) and Local Power Density (LPD). Recent investigations have concluded that incorrect signal wiring connections to the CPC's are the probable cause of the noted discrepancies. These conditions would have resulted in incorrect CEA position indication and RCS flow, which in turn could have caused the calculation of less conservative trip setpoints than those assumed in the accident analyses as set forth in the Safety Analysis Report and Technical Specification bases under certain plant operating conditions. Since the plant has never been in a mode of operation requiring the CPC's, nonconservative operation did not actually occur.

Investigations into the cause, effect, and corrective actions required are continuing with the assistance of the equipment vendor.

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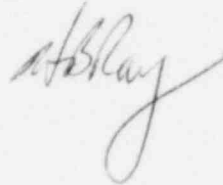
June 22, 1982

A 14-day written report detailing the circumstances surrounding this event and a completed copy of Licensee Event Report No. 82-034 will be submitted on or before July 5, 1982.

Any reporting found to be necessary under 10CFR21 and 10CFR50.55.e (for San Onofre Unit 3) will be addressed by separate correspondence.

Please contact me if you have further questions concerning this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "H. Blay", is written in dark ink.

cc: A.E. Chaffee (USNRC Resident Inspector, San Onofre, Unit 2)