## Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION P.G. BOX 128 SAN CLEMENTE, CALIFORNIA 92672

H. B. RAY STATION MANAGER

## August 27, 1982

TELEPHONE (714) 492-7700

> IE-29 82-304

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 30-Day Reports Licensee Event Report No. 82-075, 82-078 and 82-081 San Onofre Nuclear Generating Station, Unit 2

This submittal is in accordance with the reporting requirements of Section 6.9.1.13b of Appendix A to Facility Operating License NPF-10. It describes three (3) reportable conditions involving Limiting Condition for Operation (LCO) 3.3.1 associated with the Reactor Protection System (RPS). Completed LER's 82-075, 82-078 and 82-081 are enclosed.

As a result of Technical Specification surveillance testing in Mode 2, the following RPS channels were declared inoperable and subsequently returned to service.

On July 27, 1982 Channel A Local Power Density (LPD) did not function properly during testing and was declared to be inoperable.

On July 31, 1982 Channel A Departure from Nucleate Boiling Ratio (DNBR), Channel C DNBR and Channel C LPD likewise failed to test out properly and were declared to be inoperable.

On August 8, 1982 Channel A DNBR was returned to service. Channel C DNBR and LPD were returned to service on August 9, and Channel A LPD was restored to service on August 18, 1982.

Technical Specification Table 3.3-1 Action Statements 2 and 3 were implemented as appropriate throughout these events.

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The causes of these failures included the fact that a Channel A RTD (feeds DNBR), a Channel C temperature transmitter (feeds DNBR and LPD), and a Channel A bar graph display module (displays LPD) failed. These were repaired/replaced as necessary to restore the channels as identified above.

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During this period a minumum of "one-out-of-two" trip logic was retained hence, there was no impact on health and safety of plant personnel or the public.

If there are any questions regarding the above, please contact me.

Sincerely,

Atskay

Enclosure: LER No. 82-075, 82-078 and 82-081

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

U. S. Nuclear Regulatory Commission Office of Inspection and Enforcement

U. S. Nuclear Regulatory Commission Office of Management Information and Program Control

Institute of Nuclear Power Operations