

ATTACHMENT TO LER 83-118
SOUTHERN CALIFORNIA EDISON COMPANY
SAN ONOFRE NUCLEAR GENERATING STATION
UNIT NO. 3, DOCKET NO. 50-362

SUPPLEMENTAL INFORMATION FOR CAUSE DESCRIPTION AND CORRECTIVE
ACTIONS

Similar occurrences were reported in LER Nos. 83-106 (Docket No. 50-362), 83-116, 83-121, 83-129 and 83-131 (Docket No. 50-361). In these LER's it was stated that we were considering taking action to improve the reliability of the COLSS program and the plant computer. We are continuing to pursue this measure as corrective action.

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. T. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

January 24, 1984

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

Attention: Mr. J. B. Martin, Regional Administrator

Dear Sir:

Subject: Docket No. 50-362
30-Day Report
Licensee Event Report No. 83-118
San Onofre Nuclear Generating Station, Unit 3

Pursuant to Section C.9.1.13.b of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written report and a copy of the Licensee Event Report (LER) form for an occurrence involving Limiting Condition for Operation (LCO) 3.2.4 associated with the Departure from Nucleate Boiling Ratio (DNBR) margin.

On December 29, 1983, at 1226 with Unit 3 in Mode 1 at 100% power and as a result of a Core Operating Limit Supervisory System (COLSS) program failure, DNBR margin was determined in accordance with Procedure SO23-3-3.6. The DNBR margin determined in this manner was outside the region of acceptable operation as specified in Technical Specification Figure 3.2-2, "DNBR Margin Operating Limit Based on Core Protection Calculators." As required by LCO 3.2.4, Action Statement 'a', the DNBR margin was determined to be acceptable within one hour when COLSS was returned to service at 1233.

The cause of this event was conservatism inherent in calculating DNBR margin in accordance with Procedure SO23-3-3.6, which causes the calculated DNBR margin to be outside the region of acceptable operation of Technical Specification Figure 3.3-2 whenever the unit is operating at over 85% power. Reliance on calculated DNBR margin was occasioned by a COLSS program failure.

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Mr. J. B. Martin

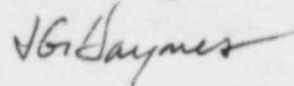
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January 24, 1984

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If there are any questions regarding these events, please contact me.

Sincerely,



Enclosure: LER No. 83-118

cc: A. E. Chaffee (USNRC Resident Inspector, Units 1, 2 and 3)
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

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

U. S. Nuclear Regulatory Commission
Division of Technical Information and Document Control

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