

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

June 27, 1983

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

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

Dear Sir:

Subject: Docket Nos. 50-361 and 50-362
Prompt Reports
Licensee Event Report No. 83-063 (Docket No. 50-361)
Licensee Event Report No. 83-039 (Docket No. 50-362)
San Onofre Nuclear Generating Station,
Units 2 and 3

Pursuant to Sections 6.9.1.12.i of Appendix A, Technical Specifications to Facility Operating Licenses NPF-10 and NPF-15 for San Onofre Units 2 and 3, respectively, this submittal provides the written confirmation of our prompt notification to the NRC on June 24, 1983, at 1600 of a reportable occurrence involving the motor bearings of the Auxiliary Feedwater (AFW) system.

On June 21, 1983, while Unit 2 and Unit 3 were in Mode 5, the Unit 3 motor-driven AFW pump 3P-504 was declared inoperable when it failed to successfully complete its 48-hour endurance run. The outboard bearing on the motor failed and the pump was secured. The bearings (both outboard and inboard) were replaced and during installation of the replacement bearings, it was determined that the dimensions of the oil grooves were not consistent with the vendor drawings. The replacement bearings were removed, re-machined, and re-installed. The bearings on the other AFW pump motor 3P-141 were examined and found to have the same dimensional defect. A preliminary investigation was completed on June 24, 1983, which concluded that the improperly machined oil grooves may have contributed to the failure of the motor bearings of AFW pump 3P-504. This defect does not affect the third AFW pump 3P-140 since it is driven by a steam turbine and its design does not include a motor with these bearings.

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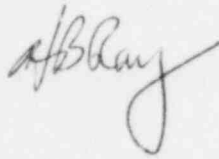
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June 27, 1983

One of the two motor-driven AFW pumps at Unit 2 (2P-141) was found to have motor bearings with oil grooves machined within proper tolerances and the other AFW pump (2P-504) has been determined to have improperly machined oil grooves. We are investigating the effect of the improperly machined oil grooves on pump operability.

The 14-day follow-up reports and copies of Licensee Event Reports (LER's) No. 80-063 (Docket No. 50-361) No. 83-039 (Docket No. 50-362) will be submitted by July 8, 1983, to address this event including the cause and corrective action. If there are any questions, please contact me.

Sincerely,



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