

Southern California Edison Company

P. O. BOX 800
2255 WALNUT GROVE AVENUE
ROSEMEAD, CALIFORNIA 91770

May 22, 1980

U. S. Nuclear Regulatory Commission
Region V
Office of Inspection and Enforcement
Suite 202, Walnut Creek Plaza
Walnut Creek, California 94596

Attention: Mr. R. H. Engelken, Director

Dear Sir:

Subject: Docket No. 50-206
San Onofre Nuclear Generating Station
Unit 1

Ref: Letter dated May 12, 1980 from SCE (J. M. Curran)
to NRC (R. H. Engelken)

The referenced letter provided written confirmation of our prompt notification to you by telephone on May 10, 1980 of a missing U-bolt support on the Residual Heat Removal Pump shaft seal cooling water return line. In accordance with IE Bulletin No. 79-14 and our Technical Specification 6.9.2, this letter is submitted as the required 14-day report. In addition, a completed copy of Licensee Event Report No. 80-019 is enclosed concerning the incident.

In the conduct of the field verification/inspection, in accordance with IE Bulletin No. 79-14, the missing U-bolt support was discovered on the Residual Heat Removal Pump (G-14A) shaft seal cooling water return line 3009-2"-A. As described in the referenced letter, the line was out-of-service for overhaul at the time the deficiency was identified and the U-bolt was installed prior to returning the line to operation to conform the piping system to the seismic analysis input information.

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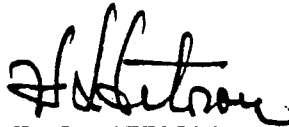
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Based on the results of the two day engineering evaluation, a U-bolt was assumed in the seismic analysis, and in the field, the U-bolt was missing. Without the U-bolt, the maximum stress would be approximately 23,450 psi (with the U-bolt, the maximum stress is less than 9,000 psi) which would exceed the allowable of 18,000 psi by about 30 percent during an earthquake as defined in the Final Safety Analysis Report. However, since the stresses would be below the yield strength of 35,000 psi, it is unlikely that the piping would have failed without the support during an earthquake.

Should you require additional information on this matter, please contact me.

Very truly yours,



H. L. OTTOSON
Manager of Nuclear Operations

Enclosure (Licensee Event Report No. 80-019)

cc: Director, Office of Inspection and Enforcement (40)
Director, Office of Management Enforcement & Program Control (3)
Director, Nuclear Safety Analysis Center