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Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

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H. B. RAY
STATION MANAGER

October 15, 1982

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 Report
Licensee Event Report No. 82-113
San Onofre Nuclear Generating Station, Unit 2

This submittal is in accordance with the reporting requirements of Section 6.9.1.13d of Appendix A to Facility Operating License NPF-10. It describes a reportable occurrence involving Limiting Condition for Operation (LCO) 3.11.2.4 associated with the Gaseous Radwaste Treatment System. A completed copy of LER 82-113 is enclosed.

While in Mode 3, on September 16, 1982, routine operator inspection during gaseous waste processing of gas surge tank T082 revealed that the interstage rupture disc of waste gas compressor C010 was breached. Waste gas processing was halted and the compressor immediately isolated.

Since standby waste gas compressor C011 was out-of-service for maintenance, the Gaseous Radwaste Treatment System was declared inoperable at 0735. Though repairs were completed and the system was restored to operable status in less than 31 days as permitted by LCO 3.11.2.4 Action Statement a, the event was considered an abnormal degradation of a system designed to contain radioactive material resulting from the fission process.

Subsequent investigation revealed that the rupture disc failure was attributable to excess buildup of interstage pressure within the compressor. The rupture disc was replaced and the system returned to operable status at 1120 on September 17, 1982.

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An engineering evaluation is currently being performed to investigate this problem. Based on this evaluation, possible design modifications will be made as warranted.

There was no significant impact on plant operations or the health and safety of plant personnel or the public as a result of this occurrence, since emergency actions including local evacuation in accordance with Station Procedure S023-3-5.39 were initiated immediately after discovery of the breached disc and the projected gaseous effluent doses within the radwaste building were significantly below those of the applicable LCO.

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

Sincerely,

HB King / JYCM order

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

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

Institute of Nuclear Power Operations

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