



UNITED STATES
ATOMIC ENERGY COMMISSION
DIRECTORATE OF REGULATORY OPERATIONS
REGION V
2111 BANCROFT WAY
BERKELEY, CALIFORNIA 94704

TELEPHONE: 841-8121
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September 25, 1972

RO Inquiry Report No. 050-0206/72-08

Southern California Edison Company
San Onofre Unit No. 1
License No. DPR-13
PWR, 1147 Mwt
FAILURE OF EAST FEEDWATER PUMP

Prepared by: A. D. Johnson
A. D. Johnson, Reactor Inspector

9/25/72
Date

A. Date and Manner AEC was Informed

Mr. H. Ottoson, Plant Superintendent, notified A. D. Johnson by telephone on September 21, 1972.

B. Description of Particular Event or Circumstance

The shaft lock nut on the pump side of the east feedwater pump loosened, allowing the shaft to move in the direction of the motor. The threads on the shaft were found to have been damaged. This condition was detected as the result of an investigation of a motor high temperature indication. The Reactor was shut down at 3:46 p.m. on September 21, 1972, since the feedpumps also serve the safety injection system.

C. Action by Licensee

A spare pump assembly was being installed. Examination of the other feedpump disclosed that the locking nut was also loose; however, not damaged. The pump vendor representative was being called to the site for consultation. The licensee plans to provide a more positive locking mechanism for the shaft lock nut to prevent recurrence. The licensee plans to submit a written report to the Directorate of Licensing within 10 days.

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