

Southern California Edison Company



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ROBERT N. COE

VICE PRESIDENT

March 12, 1973

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Deputy Director for Reactor Projects
Directorate of Licensing
U. S. Atomic Energy Commission
1717 "H" Street N. W.
Washington, D. C. 20545



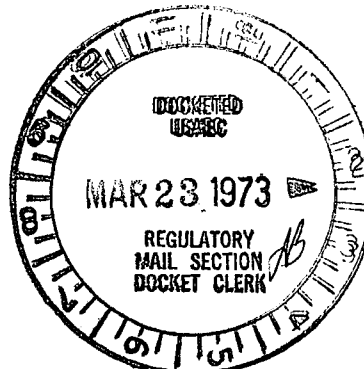
Docket No. 50-206
San Onofre Unit 1
No. 1 Diesel-Generator

Dear Sir:

This report describes an incident experienced at San Onofre Nuclear Generating Station concerning No. 1 diesel-generator.

At 1:30 p.m. on February 16, 1973, the No. 1 diesel-generator was removed from service for an inspection of the cooling water thermostats. At the completion of the inspection and during the routine test procedures, for return to service after maintenance, an unusual amount of smoke was observed coming from the No. 1 diesel-generator exhaust. The diesel was removed from service and an investigation initiated to determine the cause. An inspection revealed that the west fuel injection pump on the diesel, which supplies fuel to the north cylinder bank, had a broken shaft. The diesel is a V-12 with one fuel injection pump supplying a bank of six cylinders. The injection pump was removed and sent off site for evaluation and repair.

Preliminary inspections did not reveal any reason for the failure. An independent metallurgist's evaluation of the broken shaft will be made in an effort to determine the cause of failure and the results will be available for inspection at San Onofre. The remaining fuel injection pump shaft was magna-fluxed as a precautionary measure. A small crack was discovered in this shaft. It is our intention to inspect the shafts for the injection pumps of No. 2 diesel-generator.



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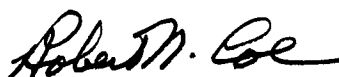
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Deputy Director for Reactor Projects

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Both injection pump shafts were replaced and the diesel-generator returned to service. In accordance with Technical Specification requirements, No. 2 diesel-generator remained operable during the time the No. 1 diesel-generator was out of service.

Sincerely,



ROBERT N. COE

cc: Director, Region V
Regulatory Operations Office