

Southern California Edison Company



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J. G. HAYNES  
MANAGER OF NUCLEAR OPERATIONS

May 18, 1981



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U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region V  
1990 North California Boulevard  
Suite 202, Walnut Creek Plaza  
Walnut Creek, California 94596

Attention: Mr. R. H. Engelken, Director

DOCKET NO. 50-206  
SAN ONOFRE - UNIT 1



Dear Sir:

By letter dated April 28, 1981, we provided written, prompt notification of a reportable occurrence involving the terminal blocks inside containment in safety related circuits. This letter provides the two week followup report and the licensee event report (LER No. 81-006) in accordance with Specification 6.9.2.a of the San Onofre Unit 1 Technical Specifications.

Our evaluation of information obtained since our October 31, 1980 submittal, concerning the terminal blocks located inside containment, including the tests documented in the Sandia Report, NUREG/CR-1682, Electrical Insulators in a Reactor Accident Environment, concludes that operability of the terminal blocks in the post-accident environment cannot be assured and that replacement of safety related circuits on the terminal blocks with qualified in-line splices is warranted. The terminal blocks in question appear to be made of a general purpose phenolic material.

As discussed in our April 28, 1981 letter, the replacement of the safety related circuits on the terminal blocks will be completed prior to startup of the unit from the current outage. Eleven components have been identified with safety related circuits utilizing terminal blocks, and qualified in-line splices are being installed.

If you have any questions regarding this matter, please let me know.

Very truly yours,

Enclosure

cc: Director, Office of Management and  
Information Program Control (2)  
D. M. Crutchfield, Chief,  
Operating Reactors Branch No. 5, DOL

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