

Docket

June 2, 1981

Docket No. 50-206
LS05-81-06-003

Mr. R. Dietch, Vice President
Nuclear Engineering and Operations
Southern California Edison Company
2244 Walnut Grove Avenue
Post Office Box 800
Rosemead, California 91770

SEE Repts. # 8104090625

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT
RE: SAN ONOFRE NUCLEAR GENERATING STATION UNIT NO. 1

Reference (a) - Order for Modification of License Concerning the Environmental Qualification of Safety-Related Electrical Equipment dated October 24, 1980

Dear Mr. Dietch:

This letter transmits the Safety Evaluation for the Environmental Qualification of Safety-Related Electrical Equipment at your facility. This evaluation was based on your submittals dated June 18, 1980, August 19, 1980 and October 31, 1980. Our letter of February 17, 1981, which forwarded our preliminary results, indicated that an item-by-item re-evaluation would be required at a later date. This safety evaluation identifies the specific information required by the staff and the actions, on your part, necessary to comply with Reference (a). We request that you provide the information identified in Sections 3 and 4 of this Safety Evaluation to us within 90 days.

This Safety Evaluation addresses only the safety-related electrical equipment exposed to a harsh environment resulting from an accident (i.e., the IEB 79-01B review). Reference (a) requires that all safety-related electrical equipment be qualified by June 30, 1982. The NRC review effort for the equipment in mild environments will be addressed by separate correspondence.

Your letters dated March 5, 1981, April 16, 1981 and May 18, 1981 provide information not evaluated in the enclosed reports. Please include the information provided by these three letters in your requested 90-day response.

Your response may present alternatives to the staff positions in the evaluation. The staff will consider alternative approaches if these methods are within the DOR Guidelines or NUREG-0588, as appropriate. For example, an acceptable alternative to the NRC staff's temperature criterion used for the service conditions (i.e. Section 3.3) must base that service condition on the FSAR analysis or other NRC approved analysis, provided that the specific analysis, together with reference to the previous NRC acceptance of that analysis, accompanies the 90 day response. In addition, some of the information in the Safety Evaluation may require clarification. Contact your project manager for assistance in these matters.

AUG 5 1981

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It remains your responsibility to assure that the qualification deadline is met for all safety-related electrical equipment. The staff's review of your response to this letter should not delay any action which is required in order to meet the deadline.

Sincerely,

**Original signed by
Dennis M. Crutchfield**

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing


Enclosures:

- 1. Safety Evaluation Report
- 2. TER (Proprietary Information -
Withheld from Public
Disclosure) dated April 3, 1981

cc w/o TER:
See next page

*checked number of
pages in SER
& TER, checked
plant name &
saket #.*

*require a
change to the
letter and
checked if
a draft
of a final
revision*



OFFICE	DL:ORB #5/LA	DL:ORB #5/PM	DL:ORB #2/PM	OELD	DL:ORB #5/C	DL:AD/SA
SURNAME	HSmith:rj	Snowicki	MWilliams		DCrutchfield	GLamas
DATE	5/28/81	5/29/81	6/2/81	1/ /81	5/24/81	1/ /81

Mr. R. Dietch

- 3 -

June 2, 1981

cc :

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P. O. Box 4329
San Clemente, California 92672

Mission Viejo Branch Library
24851 Chrisanta Drive
Mission Viejo, California 92676

Mayor
City of San Clemente
San Clemente, California 92672

Chairman
Board of Supervisors
County of San Diego
San Diego, California 92101

California Department of Health
ATTN: Chief, Environmental
Radiation Control Unit
Radiological Health Section
714 P Street, Room 498
Sacramento, California 95814

Director, Criteria and Standards
Division
Office of Radiation Programs
(ANR-460)
U. S. Environmental Protection
Agency
Washington, D. C. 20460

U. S. Environmental Protection
Agency
Region IX Office
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