

June 1, 1981

Docket No. 50-255
LS05-81-06-001

Mr. David P. Hoffman
Nuclear Licensing Administrator
Consumers Power Company
1945 W. Parnall Road
Jackson, Michigan 49201

SEE Rpts. # 8105190338

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT

RE: PALISADES PLANT

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

Dear Mr. Hoffman:

This letter transmits the Safety Evaluation for the Environmental Qualification of Safety-Related Electrical Equipment at your facility. This evaluation was based on your submittal dated October 7, 1980. Our letter of February 10, 1980, 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 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.

OFFICE	B107300091 B10601						
SURNAME	PDR ADDCK 05000255						
DATE	PDR						

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 May 13, 1981

cc w/o TER:
See next page

OFFICE	DL:ORB #5/LA	DL:ORB #5/PM	DL:ORB #2/PM	OELD	DL:ORB #5/C	DL:AD/SA	
SURNAME	HSmith:j	Twambach	MWilliams		DCrutchfield	GCLannas	
DATE	6/1/81	6/1/81	6/1/81	1/81	6/1/81	1/81	

June 1, 1981

cc w/enclosure:

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Director, Criteria and Standards
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Palisades Plant
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Palisades
DISTRIBUTION:

~~Docket~~

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