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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

June 8, 1981

Docket No. 50-298



Mr. J. M. Pilant, Director
Licensing & Quality Assurance
Nebraska Public Power District
P. O. Box 499
Columbus, Nebraska 68601

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT

RE: COOPER NUCLEAR STATION LICENSE NO. DPR-46

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

Dear Mr. Pilant:

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 October 31, 1980 and January 28, 1981. Our letter of March 27, 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 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.

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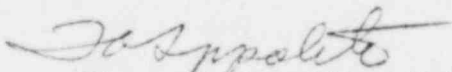
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Mr. J. M. Pilant

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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,



Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosures:

1. SER
2. TER

cc w/o encl:
See next page

Mr. J. M. Pilant
Nebraska Public Power District

cc:

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Cooper Nuclear Station
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Station Superintendent
P. O. Box 98
Brownville, Nebraska 68321

Auburn Public Library
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Auburn, Nebraska 68305

Director
Nebraska Dept. of Environmental Control
P. O. Box 94877, State House Station
Lincoln, Nebraska 68509

Mr. William Siebert, Commissioner
Nemaha County Board of Commissioners
Nemaha County Courthouse
Auburn, Nebraska 68305

Mr. Dennis Dubois
USNRC
Resident Inspector
P. O. Box 218
Brownsville, Nebraska 68321

U. S. Environmental Protection Agency
Region VII Office
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324 East 11th Street
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