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Mr. Henry D. Hukill, Vice President
and Director - TMI-1
Metropolitan Edison Company
P. O. Box 480
Middletown, Pennsylvania 17057

SUBJECT: ENVIRONMENTAL QUALIFICATION OF SAFETY-RELATED ELECTRICAL EQUIPMENT

RE: THREE MILE ISLAND, UNIT NO. 1, Facility Operating License No. DPR-50

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

Dear Mr. Hukill:

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 through January 30, 1981, and your letter of March 12, 1981. Our letter of February 28, 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 79-018 review). Reference requires that all safety-related electrical equipment be qualified by July 1, 1982. The NRC review effort for the equipment in mild environments will be addressed by separate correspondence.

Some of the information in the Safety Evaluation may require clarification. In addition, 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. Contact your project manager for further assistance in this regard.

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POOR ORIGINAL

Mr. Henry D. Hukill

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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
John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosure:
Safety Evaluation Report

cc w/enclosure:
See next 3 pages

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*w/commit on
pg 1 of 5E*

ORB#4:DL	C-ORB#4:DL	ORB#2:DL	AD-OR:DL
HSilver/ch	JStolz	M. J. Iams	TNovak
3/17/91	3/15/91	3/14/91	3/15/91

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Metropolitan Edison Company

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