

August 4, 1978

Docket No. 50-289

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Metropolitan Edison Company  
ATTN: Mr. J. G. Herbein  
Vice President  
P. O. Box 542  
Reading, Pennsylvania 19603

Gentlemen:

As a result of our review of the Fire Protection Program at Three Mile Island Nuclear Station, Unit No. 1, we find we need additional commitments and information in order to continue our review. The specific commitments and information needed are listed in the enclosure.

You are requested to indicate your commitment to these staff positions and to provide the requested information by August 14, 1978. A copy of the enclosure to this letter was transmitted to you by facsimile on August 3, 1978.

Sincerely,

*GZwetzig*

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

Enclosure:  
Request for Additional  
Information

cc w/enclosure:  
See next page

POOR ORIGINAL

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OFFICE ▶	ORB#4:DOR	C-ORB#4:DOR			
SURNAME ▶	GZwetzig:dn	RWReid			
DATE ▶	8/4/78	8/4/78			

Metropolitan Edison Company

cc:

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Government Publications Section  
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REQUEST FOR ADDITIONAL INFORMATION AND COMMITMENTSFIRE PROTECTION PROGRAMTHREE MILE ISLAND NUCLEAR STATION, UNIT NO. 1DOCKET NO. 50-289

1. The fire protection measures proposed for the Relay Room (ref. your response to Item 8.C(2), Met Ed letter of July 20, 1978) are not acceptable because they do not meet the requirements set forth in Appendix A to Branch Technical Position APCS 9.5-1 for areas of this type, i.e. a Cable Spreading Room. Such conformance can be provided either by installing a manually operated fixed water suppression system or by coating all cables in this area with an approved flame retardant coating. You are requested to indicate your commitment to provide one of these additional measures to provide the needed degree of fire protection and conformance with the provisions of the Branch Technical Position.
2. Pursuant to the provisions of 10 CFR 50, Appendix A, Criterion 3, you are requested to indicate your commitment to provide fire detectors in each of the following areas containing safety related equipment:
  - (a) Decay Heat Removal Pump Pits,
  - (b) Decay Heat Closed Cooling Pump and Nuclear Service Closed Cooling Pump Areas, and
  - (c) MCC 1A and 1B areas.
3. The following instrumentation inside containment is required for safe shutdown of the reactor:
  - (a) Pressurizer level instrumentation,
  - (b) Reactor coolant system temperature, and
  - (c) Neutron instrumentation.

Describe: (1) the minimum size fire (dimensions and heat output) that could disable the sensors for all of the channels of each of the above types of instrumentation, (2) the fire hazards in the vicinity of these sensors, and (3) your basis for concluding that these hazards could not disable all the sensors of a given type (if this is your conclusion) or your proposed corrective action to prevent loss of all the detectors of a given type.

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