

November 29, 1976

Docket No.: 50-289

Metropolitan Edison Company
ATTN: Mr. R. C. Arnold
Vice President - Generation
Reading, Pennsylvania 19603

Gentlemen:

The Commission has requested the Office of the Federal Register to publish the enclosed "Notice of Proposed Issuance of Amendment to Facility Operating License" for Three Mile Island Nuclear Station, Unit 1. The proposed amendment would revise the Technical Specifications to authorize a site integrated reactor vessel. surveillance program in accordance with your application for amendment dated October 29, 1976.

Sincerely,

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

DISTRIBUTION:

Docket
NRC PDR Gray File
Local PDR
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OFFICE →	ORB#4:DOR	C-ORB#4:DOR				
SURNAME →	GZwetzig:dn	RReid				
DATE →	11/ /76	11/ /76				

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DETERMINATION OF PROPOSED LICENSING AMENDMENT

Licensee: Metropolitan Edison Company

Request for: TMI-1 application for Site Integrated Reactor Vessel
Surveillance Program

Request Date: October 29, 1976

Proposed Noticing Action: ☒ Pre-notice Recommended
☐ Post-notice Recommended
☐ Determination delayed pending
completion of Safety Evaluation

Basis for Decision: See attached.

Proposed NEPA Action: ☐ EIS Required
☐ Negative Declaration (ND) and
Environmental Impact Appraisal
(EIA) Required
☒ No EIS, ND or EIA Required
☐ Determination delayed pending
completion of EIA

Basis for Decision: Approval of application would not authorize a change
in the type or increase in the amount of effluents
nor authorize an increase in the power level. Approval
would merely change on-site location where specimens
were irradiated.

Noticing Concurrences:

1. G. Zwetzig *[Signature]*
2. R. Reid *[Signature]* 11/17/76
3. K. R. Botler *[Signature]* 11/17/76
4. OELD - H Foss *[Signature]* 11/23/76

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Basis for Decision:

Approval of application would authorize all future irradiation of reactor vessel surveillance specimens representative of the TMI-1 vessel in TMI-2. According to the application, the exposure of the TMI-1 specimens would not exceed the exposure of the TMI-1 vessel until the period of 1982 to 1984. Thus, any tests performed on these specimens prior to this period would not conservatively represent the properties of the TMI-1 vessel. Further, based on data received from B&W, the critical welds in the TMI-1 vessel will reach the 50 ft-lb upper shelf energy limit in 1982. Thus, according to the plan proposed in the application there would be no monitoring of this material prior to reaching this limit. Based on the above, it is concluded the proposed change would involve a significant hazards consideration, by potentially decreasing a safety margin.

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