

NRC DE DUTION For PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr. R. W. Reid		FROM: Metropolitan Edison Company Reading, Pa. R. C. Arnold		DATE OF DOCUMENT 4/20/77
☒ LETTER ☒ ORIGINAL ☐ COPY		☐ NOTORIZED ☒ UNCLASSIFIED		DATE RECEIVED 4/22/77
PROP		INPUT FORM		NUMBER OF COPIES RECEIVED 1 SIGNED

DESCRIPTION Ltr. trans the following: (1-P) PLANT NAME: Three Mile Island Unit No. 1 RJL	ENCLOSURE AN ANALYSIS OF A FUEL HANDLING ACCIDENT IN THE REACTOR BUILDING-APRIL 1977..... (18-P) 1491 033 POOR ORIGINAL
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SAFETY		FOR ACTION/INFORMATION		ENVIRO
ASSIGNED AD:		ASSIGNED AD:		
BRANCH CHIEF:	<i>Reid (5)</i>	BRANCH CHIEF:		
PROJECT MANAGER:	<i>Zwetzig</i>	PROJECT MANAGER:		
LIC. ASST.:	<i>Ingram</i>	LIC. ASST.:		

INTERNAL DISTRIBUTION				
☒ REG FILE		SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
☒ LRG PDR		HEINEMAN	TEDESCO	ENVIRO ANALYSTS
☒ I & E (2)		SCHROEDER	FENAROVA	DUNTON & MILLER
☒ OELD			LAINAS	
☒ GOSSICK & STAFF		ENGINEERING	IPPOLITO	ENVIRO TECH.
☒ MIPC		MACARRY	KINGWOOD	ERUST
☒ CASE		BOENAK		BALLARD
☒ HANAUER		SINWEIL	OPERATING REACTORS	SPANGLER
☒ HARLESS		PAWLICKI	STELLO	
				SITE TECH.
PROJECT MANAGEMENT		REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD		ROSS	EISENHUT	STEFF
P. COLLINS		NOVAK	SHAO	HULMAN
HOUSTON		ROSZTOCZY	BAER	
PETERSON		CHECK	BUTLER	SITE ANALYSIS
MELTZ			CRIMES	VOLLMER
HELTENES		AT & I		BUNCH
SKOVHOLT		SALTZMAN		J. COLLINS
		RUTBERG		KREGER

EXTERNAL DISTRIBUTION			CONTROL NUMBER
☒ LPDR: <i>Harshing, PG</i>	NAT. LAB:	BROOKHAVEN NAT. LAB.	7910290586 771120233
☒ TIC:	REG V. IE	ULRIKSON (ORNL)	
☒ NSIC:	LA PDR		
☒ ASLB:	CONSULTANTS:		
☒ ACRS <i>16</i> CYS - HOLDING/SENT <i>AS CAT B</i>			



METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 329-3601

April 20, 1977
GQL 0484

Director of Nuclear Reactor Regulation
Attn: R. W. Reid, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

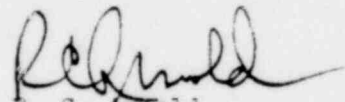
Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289

Attached please find the final report of an analysis of a postulated fuel handling accident in the TMI-1 Reactor Building as requested by your letter of January 17, 1977. Please note that since no credit was taken for Reactor Building isolation, no changes to facility equipment or Technical Specifications have been considered. For the same reason, an evaluation of the consequences of the accident assuming a single failure was not performed.

The analysis showed that the potential exclusion boundary radiation exposures due to the referenced accident are well within the guidelines of 10 CFR 100.

Sincerely,


R. C. Arnold
Vice President

RCA:JMC:dr

Attachment: An Analysis of a Fuel Handling
Accident in the Reactor Building
Three Mile Island Nuclear Station, Unit 1

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