

AEC DIS

UNION FOR PART 50 DOCKET MAT
(TEMPORARY FORM)

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CONTROL NO: 2753

FILE

FROM: Metropolitan Edison Company Reading, Pennsylvania 19603 J. G. Miller	DATE OF DOC: 4-26-73	DATE REC'D 4-27-73	LTR x	MEMO	RPT	OTHER
TO: A. Giambusso	ORIG 3 signed	CC 19	OTHER	SENT AEC PDR	X	SENT LOCAL PDR
CLASS: <u>U/PROP INFO</u>	INPUT	NO CYS REC'D 22	DOCKET NO: 50-289			

DESCRIPTION:

Ltr trans the following:

ENCLOSURES: 3 Orig & 19 cys Amdt & Cert. of Sv. & AMDT # 39, notarized 4-26-73 consisting of.....
(1) Rev & addl pages to FSAR.
(2) Analysis of a core flooding line break loss of coolant accident for TM-1 Reactor with insert in CFT Nozzle.
(3) Effect of core flood line restrictor on ECCS for large and small breaks.
CERT OF SV dtd 4-27-73 showing sv of Amdt # 39 upon W.B. Arehart & C.R. Budd.

PLANT NAMES: Three Mile Island, Unit # 1

FOR ACTION/INFORMATION 4-27-73 fod

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ACKNOWLEDGED

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MUNTZING/STAFF	✓ MACCARY(LTR)	✓ KASTNER	LIC ASST.	SHEPPARD	E
✓ CASE 2-1A	✓ KNIGHT	BALLARD	SERVICE	A/T IND	
✓ GIAMBUSSO(LTR)	✓ PAWLICKI	SPANGLER	WILSON	BRAITMAN	
BOYD	✓ SHAO	ENVIRO	GOULBOURNE	SALTZMAN	
V. MOORE-L(BWR)	✓ STELLO(LTR)	MULLER	SMITH	PLANS	
✓ DEYOUNG-L(PWR/LTR)	✓ HOUSTON	DICKER	GEARIN	✓ MCDONALD(LTR)	
SKOVHOLT-L	✓ NOVAK	KNIGHTON	DIGGS	DUBE	
✓ P. COLLINS	✓ ROSS	YOUNGBLOOD	TEETS	INFO	
REG OPR	✓ IPPOLITO	✓ REGAN(LTR)	LEE	C. MILES	
✓ FILE & REGION(2)	✓ TEDESCO(LTR)	✓ PROJ LEADER	MAIGRET		
MORRIS	✓ LONG	JENKINS	SHAFFER F & M		
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	✓ VOLLMER				

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EXTERNAL DISTRIBUTION

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✓ 1-NSIC(BUCHANAN)	1- R. CATLIN, E-256-GT	BROOKHAVEN NAT. LAB
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WARDWARD/H ST.	NEWMARK/XXXXXX	RM C-427, GT)
16-CYS ACFS HOLDING	1- GERLAD ULRIKSON....ORNL	1- RD...MULLER...F-309GT



Regulatory

File Cy.

METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

April 26, 1973

Mr. A. Giambusso
Deputy Director for Reactor Projects
United States Atomic Energy Commission
Washington, D.C. 20545

SUBJECT: THREE MILE ISLAND NUCLEAR STATION
UNIT 1
DOCKET NO. 50-289
AMENDMENT NO. 39



Dear Mr. Giambusso:

Attached are three signed originals and 19 conformed copies of Amendment 39 to the Operating License Application for Three Mile Island Nuclear Station Unit 1.

Applicant submits by this Amendment the following analyses: (1) "Analysis of a Core Flooding Line Break Loss of Coolant Accident for the TMI-1 Reactor with Insert in CFT Nozzle" and (2) "Effect of Core Flood Line Restrictor on ECCS for Large and Small Breaks". Also enclosed is information which serves to update the FSAR. The updated material has been incorporated into the text and is forwarded to you in the form of change pages dated April 27, 1973. The analyses are forwarded as Supplement 2 Part X of the FSAR.

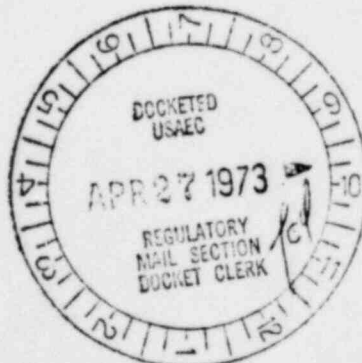
There are also enclosed one copy and 20 conformed copies of the Certificate of Service of Amendment 39 on the chief executives of the township and county in which the facility is located.

Very truly yours,

J. G. Miller
Vice President

asb

Enclosures



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METROPOLITAN EDISON COMPANY
JERSEY CENTRAL POWER & LIGHT COMPANY
AND
PENNSYLVANIA ELECTRIC COMPANY

RECEIVED 4-26-73

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Application For
Class 104b Utilization Facility Operating License

DOCKET NO. 50-289

AMENDMENT NO. 39

Applicant submits by this Amendment, in support of its request for an initial operating license at a reactor power level of 2535 MWt, the following analyses:

1. "Analysis of a Core Flooding Line Break Loss of Coolant Accident for TMI-1 Reactor with Insert in CFT Nozzle"
2. "Effect of Core Flood Line Restrictor on ECCS For Large and Small Breaks"

Also included are change pages which contain information required to update the FSAR.

METROPOLITAN EDISON COMPANY

ATTEST:

W. H. Helling
Secretary

By _____
Vice President

Sworn to and subscribed before me this 11 day of April 1973.

John R. M...
Notary Public
NOTARY PUBLIC

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UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

4-26-73

IN THE MATTER OF

METROPOLITAN EDISON COMPANY

)
) DOCKET NO. 50-289
)

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 39 to the Application for Construction Permit and Operating License for the Three Mile Island Nuclear Station, Unit 1, dated April 27, 1973, and filed with the United States Atomic Energy Commission on April 27, 1973, has this 27th day of April 1973 been served on the chief executives of Londonderry Township, Dauphin County, Pennsylvania; and Dauphin County, Pennsylvania, by deposit in the United States mail, addressed as follows:

Mr. Weldon B. Arehart, Chairman
Board of Supervisors of Londonderry Township
2148 Foxiana Road
Middletown, Pennsylvania

and

Mr. C. Robert Budd, Chairman
Board of County Commissioners of Dauphin County
Dauphin County Court House
P. O. Box 1295
Harrisburg, Pennsylvania

METROPOLITAN EDISON COMPANY

By /s/ J. G. Miller
Vice President

asb

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AMENDMENT NO. 39

4-26-73

THE METROPOLITAN EDISON COMPANY -- JERSEY CENTRAL POWER & LIGHT COMPANY

PENNSYLVANIA ELECTRIC COMPANY

5-1-73

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Amendment No. 39 to the Metropolitan Edison Company -- Jersey Central Power and Light Company -- Pennsylvania Electric Company Final Safety Analysis Report includes change pages to update the final safety analysis report, responses to DRL inquiries, and Supplement 2, Part X.

The following sheets of the Final Safety Analysis Report are to be deleted; and, where appropriate, revised sheets dated 4-27-73 should be inserted.

Remove the following sheets:

Insert the following sheets:

Page: F-3 (Volume 1 only; precedes Table of Contents).

Page: F-3 (Volume 1 only; precedes Table of Contents).

Pages: Table of Contents - xi (one each in Volumes 1, 2, 3, 4, and 5).

Pages: Table of Contents - xi (one each in Volumes 1, 2, 3, 4, and 5).

Pages: 9-31, 9-32, 9-59, and 9-60.

Pages: 9-31, 9-32, 9-59, and 9-60.

Supplement 2

Pages: Supplement 2, Part X (consists of 60 pages of text and figures).

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