

FILE:

FROM: Metropolitan Edison Company Reading, Pennsylvania 19603 J. G. Miller			DATE OF DOC 7-11-73	DATE REC'D 7-16-73	LTR x	MEMO	RPT	OTHER
TO: A. Giambusso			ORIG 3 signed	CC 67	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 70	DOCKET NO: 50-289			

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

AMDT # 41, notarized 7-12-73 consisting of.....  
(1) Rev & addl pages & figs to FSAR.  
(2) Rev Tech Specs(Sec. 15..revises Sec. 15 in its entirety including text, tables & figs)  
CERT OF SV dtd 7-16-73 showing sv of Amdt #41 upon W. B. Arehart & C. R. Budd.

PLANT NAME: Three Mile Island Unit # 1

(70 cys rec'd)(1 Orig & 20 conf'd cys Cert of Sv rec'd)

FOR ACTION/INFORMATION 7-16-73 fod

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ACKNOWLEDGED

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<u>REG FILE</u>	<u>TECH REVIEW</u>	<u>DENTON (LTR)</u>	<u>LIC ASST</u>	<u>A/T IND</u>
✓AEC PDR	HENDRIE	✓GRIMES	BROWN (E)	BRAITMAN
✓OGC, ROOM P-506A	SCHROEDER	✓GAMMILL	DIGGS (L)	SALTZMAN
MUNTZING/STAFF	✓MACCARY (LTR)	✓KASTNER	GEARIN (L)	
✓CASE (LTR)	✓KNIGHT	BALLARD	✓GOULBOURNE (L)	<u>PLANS</u>
✓GIAMBUSSO (LTR)	✓PAWLICKI	SPANGLER	LEE (L)	✓MCDONALD (LTR)
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✓DEYOUNG (L) (PWR) (LTR)	✓HOUSTON	MULLER	SHEPPARD (E)	<u>INFO</u>
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Regulatory

File 07

# METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

July 11, 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. 41



Dear Mr. Giambusso:

Attached are three signed originals and 19 conformed copies of Amendment 41 to the Operating License Application for Three Mile Island Nuclear Station Unit 1.

Applicant submits the following information which has been incorporated into the text and is forwarded in the form of change pages dated July 16, 1973.

- (1) A revised response to the Commission's letter of December 15, 1972 requesting an analysis on the "Consequences of Postulated Pipe Failure Outside of the Containment Structure".
- (2) A completely revised Section 15 Technical Specifications.
- (3) Change pages which respond to the Commission's directive of October 2, 1972 to reduce the integrated leak rate from 0.2 volume percent per day to 0.1 volume percent per day.
- (4) Information which serves to update the FSAR.

There are also enclosed one copy and 20 conformed copies of the Certificate of Service of Amendment 41 on the chief executives of the township and county in which the facility is located.

Very truly yours,

J. G. Miller  
Vice President

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asb  
Attachments



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1-11-73  
RECEIVED  
JUL 16 1973  
U.S. ATOMIC ENERGY  
COMMISSION  
WASHINGTON  
D.C. 20545

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

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Application For  
Class 104b Utilization Facility Operating License

DOCKET NO. 50-289

AMENDMENT NO. 41

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 information:

- (1) A revised response to the Commission's letter of December 15, 1972 requesting an analysis on the "Consequences of Postulated Pipe Failures Outside of the Containment Structure".
- (2) A completely revised Section 15 Technical Specifications.
- (3) Change pages which respond to the Commission's directive of October 2, 1972 to reduce the integrated leak rate from 0.2 volume percent per day to 0.1 volume percent per day.
- (4) Information which serves to update the FSAR.

METROPOLITAN EDISON COMPANY

ATTEST:

\_\_\_\_\_  
Secretary

BY

\_\_\_\_\_  
Vice President

Sworn to and subscribed before me this 12<sup>th</sup> day of July 1973.

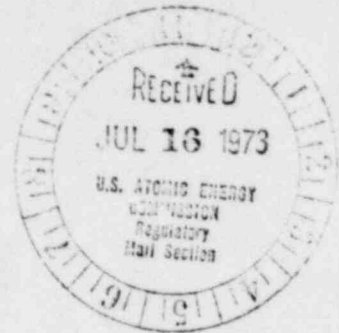
Richard J. Ruth  
Notary Public

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~~7-11-73~~

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UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION

IN THE MATTER OF

)

)

DOCKET NO. 50-289

METROPOLITAN EDISON COMPANY

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 41 to the Application for Construction Permit and Operating License for Three Mile Island Nuclear Station, Unit 1, dated July 16, 1973, and filed with the United States Atomic Energy Commission on July 16, 1973, has this 16th day of July 1973 been served on the chief executives of Londonderry Township, Dauphin County, Pennsylvania, and Dauphin County, Pennsylvania, by deprecit 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  
Middletown, Pennsylvania

METROPOLITAN EDISON COMPANY

BY

\_\_\_\_\_  
Vice President

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asb

7-11-73

## AMENDMENT NO. 41

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

PENNSYLVANIA ELECTRIC COMPANY

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Amendment No. 41 to the Metropolitan Edison Company -- Jersey Central Power and Light Company -- Pennsylvania Electric Company Final Safety Analysis Report includes revised Section 15 (Technical Specifications) and additional information.

The following sheets of the Final Safety Analysis Report are to be deleted; and, where appropriate, revised sheets dated 7-16-73 should be inserted.

Remove the following sheets:

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

Pages: 1-3, 1-4, 1-9, 1-10, 1-27, 1-28, 1-29, 1-30, 1-45, 1-46, 1-47, 1-48, 1-49, 1-50, 1-51, 1-52, 1-53, 1-53a, 1-55, 1-55a, 1-55b, 1-56, 1-57, 1-58, 1-59, 1-60, and 1-69.

Figures: 1-1 and 1-25.

Pages: 2-29b and 2-29c.

Figures: 2-2 and 2-20A.

Pages: 3-v, 3-3, 3-4, 3-9, 3-10, 3-16a, 3-16b, 3-17, 3-18, 3-45b, 3-45c, 3-55, 3-56, 3-57, 3-58, 3-59, 3-60, 3-69, 3-70, 3-71, 3-72, 3-73, 3-74, 3-78a, 3-85, 3-86, 3-99, 3-100, 3-101, and 3-102.

Pages: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-35, 4-36, 4-37, 4-38, 4-41, and 4-42.

Pages: 5-vi, 5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-9, 5-10, 5-53, 5-54, 5-54c, 5-54d, 5-65, 5-66, 5-89, 5-90, 5-91, 5-92, 5-93, 5-94, 5-95, 5-96, 5-101, 5-102, 5-103, 5-104, 5-105, and 5-105a.

Insert the following sheets:

✓ Page: F-4 (Volume 1 only; precedes Table of Contents).

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

Pages: 1-3, 1-4, 1-9, 1-10, 1-27, 1-28, 1-29, 1-30, 1-45, 1-46, 1-47, 1-48, 1-49, 1-50, 1-51, 1-52, 1-53, 1-53a, 1-55, 1-55a, 1-55b, 1-56, 1-57, 1-58, 1-59, 1-60, and 1-69.

Figures: 1-1 and 1-25.

Pages: 2-29b and 2-29c.

Figures: 2-2 and 2-20A.

Pages: 3-v, 3-3, 3-4, 3-9, 3-10, 3-16a, 3-16b, 3-17, 3-18, 3-45b, 3-45c, 3-55, 3-56, 3-57, 3-58, 3-59, 3-60, 3-69, 3-70, 3-71, 3-72, 3-73, 3-74, 3-78a, 3-85, 3-86, 3-99, 3-100, 3-101, and 3-102.

Pages: 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-35, 4-36, 4-37, 4-38, 4-41, and 4-42.

Pages: 5-vi, 5-1, 5-2, 5-3, 5-4, 5-5, 5-6, 5-9, 5-10, 5-53, 5-54, 5-54c, 5-54d, 5-65, 5-66, 5-89, 5-90, 5-91, 5-92, 5-93, 5-94, 5-95, 5-96, 5-101, 5-102, 5-103, 5-104, 5-105, and 5-105a.

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Remove the following sheets:

Figure: 5-36.

Pages: 6-iii, 6-6, 6-6a, 6-9, 6-10, 6-10a, and 6-10b.

Pages: 7-1b, 7-2, 7-2a, 7-7, 7-8, 7-47, and 7-48.

Pages: 8-7b and 8-7c.

Pages: 9-5, 9-6, 9-35a, 9-36, 9-37, 9-38, and 9-42.

Pages: 10-3 and 10-4.

Figure: 10-2.

Pages: 11-15 and 11-16.

Pages: 14-21, 14-22, 14-30, 14-30a, 14-57, and 14-58.

Insert the following sheets:

Figures: 5-36 (Sheets 1 of 2 and 2 of 2).

Pages: 6-iii, 6-6, 6-6a, 6-9, 6-10, 6-10a, and 6-10b.

Pages: 7-1b, 7-2, 7-2a, 7-7, 7-8, 7-47, and 7-48.

Pages: 8-7b and 8-7c.

Pages: 9-5, 9-6, 9-35a, 9-36, 9-37, 9-38, and 9-42.

Pages: 10-3 and 10-4.

Figure: 10-2.

Pages: 11-15 and 11-16.

Pages: 14-21, 14-22, 14-30, 14-30a, 14-57, and 14-58.

Supplement 1, Part I

Pages: 1-1, 1-2, 6-5, 6-6, 6-7, 6-8, 6-9, and 6-10.

Pages: 1-1, 1-2, 6-5, 6-6, 6-7, 6-8, 6-9, and 6-10.

Supplement 1, Part II

Pages: 1-1, 2-1, 2-2, 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, and 4-7.

Pages: 1-1, 2-1, 2-2, 4-1, 4-2, 4-3, 4-4, 4-5, 4-6, and 4-7.

Figures: 4-3, 4-4, 4-5, and 4-6.

Figures: 4-3, 4-4, 4-5, and 4-6.

Pages: 5-3, 5-4, 5-5, and 5-6.

Pages: 5-3, 5-4, 5-5, and 5-6.

Figures: 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-10, and 5-11.

Figures: 5-4, 5-5, 5-6, 5-7, 5-8, 5-9, 5-10, and 5-11.

Supplement 2, Part IX

Pages: Title Page, 1, 2, 3, 4, 5, 6, 7, 8, Table 2, and Table 3.

Pages: Title Page, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, and 28.

Figures: 1, 2, and 5.

Figures: 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, and 20.

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Remove the following sheets:

Insert the following sheets:

Section 15 (Technical Specifications - Volume 5)

Remove complete Section 15 (Technical Specifications), including all text, tables, and figures.

NOTE: Do not remove Environmental Technical Specifications at the rear of Volume 5.

Completely revised Section 15 (Technical Specifications), including all text, tables, and figures.

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