

FROM: Metropolitan Edison Company  
Reading, Pennsylvania 19609  
J. G. Miller

DATE OF DOCUMENT: 1-25-71		DATE RECEIVED 1-25-71		NO.:	
LTR.	MEMO:	RT:	OTHER:		
ORIG.: 3 signed					
ACTION NECESSARY <input type="checkbox"/>		CONCURRENCE <input type="checkbox"/>		DATE ANSWERED:	
NO ACTION NECESSARY <input type="checkbox"/>		COMMENT <input type="checkbox"/>		BY:	

TO: Dr. Peter A. Morris

CLASSIF: U POST OFFICE REG. NO:

FILE CODE: 50-289

DESCRIPTION: (Must Be Unclassified)

Ltr trans the following:

ENCLOSURES:

AMDT # 17 notarized 1-22-71 consisting of page changes for balance of questions re our 9-16-70 ltr and containing:

APP 6-A - Summary Description Reactor Bldg Fan Cooler Assembly.

APP 12-A - Radiation Emergency Plan.

REMARKS: (80 cys rec'd)

CERT OF SV, dtd 1-25-71 showing sv of Unit # 17 upon Richard Minear and C. Robert Budd. (1 Orig & 20 cys rec'd)

Holding (16) cys for ACES

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U.S. ATOMIC ENERGY COMMISSION

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METROPOLITAN EDISON COMPANY

SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

January 25, 1971

Dr. Peter A. Morris, Director  
Division of Reactor Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545



Subject: Three Mile Island Nuclear  
Station, Unit 1  
Docket No. 50-289  
Amendment No. 17

Regulatory

File Cy.

Dear Dr. Morris:

Attached are three signed originals and 19 conformed copies of Amendment 17 to the Operating License Application for the Three Mile Island Nuclear Station, Unit 1.

This Amendment addresses the balance of the questions forwarded to us in your letter of September 16, 1970. The responses to your request for additional information, as well as appropriate revisions intended to update the FSAR, have been incorporated into the text and are forwarded in the form of change pages dated January 25, 1971.

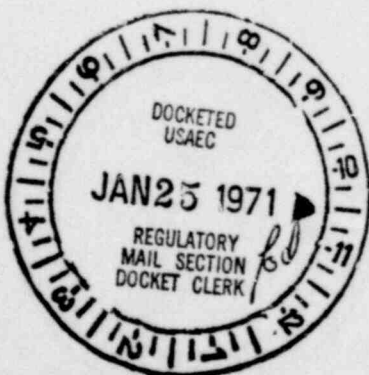
This Amendment also includes Appendix 6-A, "Summary Description Three Mile Island Nuclear Station Unit 1, Reactor Building Fan Cooler Assembly" and Appendix 12-A, "Three Mile Island Nuclear Station Unit 1, Radiation Emergency Plan".

There are also enclosed one signed copy and 20 conformed copies of Certificate of Service of Amendment No. 17 on the chief executives of the township and county in which the facility is located.

Very truly yours,

*J. G. Miller*

J. G. Miller  
Vice President & Chief Engineer



Edn  
Enclosures

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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. 17

Regulatory File No. \_\_\_\_\_  
Received with Date 1-25-71

Applicant submits by this Amendment, in support of its request for an initial operating license at a reactor power level of 2535 MWt, change pages which address the balance of the questions contained in the Director's letter of September 16, 1970, and information which serves to update the FSAR.

The applicant is also submitting by this Amendment the following appendices:

Appendix 6-A "Summary Description Three Mile Island Nuclear Station Unit 1, Reactor Building Fan Cooler Assembly"

Appendix 12-A "Three Mile Island Nuclear Station Unit 1, Radiation Emergency Plan"

ATTEST:

H. O. Hollinger  
Secretary

METROPOLITAN EDISON COMPANY

By J. E. Miller  
Vice President

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 1971.

\_\_\_\_\_  
Notary Public  
My Commission Expires

RICHARD L. RUTH  
Notary Public, Mount Lebanon Twp., Berks Co.  
My Commission Expires November 11, 1974

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ATTEST:

JERSEY CENTRAL POWER & LIGHT COMPANY

\_\_\_\_\_  
Secretary

By *[Signature]*  
Vice President

Sworn to and subscribed before me this 26<sup>th</sup> day of January 1971.

*[Signature]*  
Notary Public  
My Commission Expires

ATTEST:

PENNSYLVANIA ELECTRIC COMPANY

*[Signature]*  
Secretary

By *[Signature]*  
Vice President

Sworn to and subscribed before me this 21st day of January 1971.

*[Signature]*  
Notary Public  
My Commission Expires

MARGARET A. GRADY, Notary Public  
Johnstown, Cambria County, Penna.  
My Commission Expires February 23, 1974

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UNITED STATES OF AMERICA  
ATOMIC ENERGY COMMISSION



IN THE MATTER OF )  
METROPOLITAN EDISON COMPANY )

DOCKET NO. 50-289

Regulatory File No.  
Received w/lt Dated 1-25-71

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 17 to the Application for Construction Permit and Operating License for Three Mile Island Nuclear Station, Unit 1, dated January 25, 1971, and filed with the U. S. Atomic Energy Commission on January 25, 1971, has this 25th day of January 1971 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:

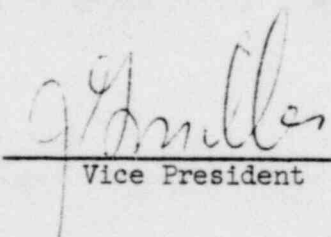
Mr. Richard Minear  
Chairman, Board of Supervisors of  
Londonderry Township  
R. D. #1  
Middletown, Pennsylvania

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

  
Vice President

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Docket No. 50-289  
January 25, 1971

Revised 1-25-71

AMENDMENT NO. 17

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

PENNSYLVANIA ELECTRIC COMPANY

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Amendment No. 17 to the Metropolitan Edison Company -- Jersey Central Power & Light Company -- Pennsylvania Electric Company Final Safety Analysis Report includes both insert pages, as listed below, and Appendices 6A and 12A. The change pages are in response to DRL Additional Information Requested and miscellaneous revisions to keep the FSAR up-to-date.

The following sheets of the Metropolitan Edison Company -- Jersey Central Power & Light Company -- Pennsylvania Electric Company Final Safety Analysis Report are to be deleted; and, where appropriate, revised sheets dated 1-25-71 should be inserted.

Remove the following sheets:

Pages: Table of Contents - vi, vii, x, and xi.  
(one each, in Volume 1,2,3, and 4).

Pages: 1-x, 1-1, 1-2, 1-13, 1-14, 1-53, 1-54, 1-55, 1-56, 1-59, 1-60, 1-61, 1-62, 1-65, and 1-66.

Figure: 1-25

Pages: 3-17 and 3-18

Page: 4-iii

Pages: 5-i, 5-vi, 5-ix, 5-11, 5-12, 5-18, 5-18a, 5-27, 5-28, 5-29, 5-30, 5-35, 5-36, 5-37, 5-38, 5-39, 5-40, 5-44, 5-44a, 5-45, 5-45a, 5-46, 5-53, 5-54, 5-75, 5-76, 5-76a, 5-76b, 5-85, 5-86, 5-87, 5-88, 5-95, 5-96, 5-97, 5-98, 5-99, 5-100, 5-107, and 5-108.

Figures: 5-1, 5-5, 5-6, 5-7, 5-27, 5-28, 5-29, 5-30, and 5-35.

Insert the following sheets:

Pages: Table of Contents - vi, vii, x, and xi.  
(one each, in Volume 1,2,3, and 4).

Pages: 1-x, 1-1, 1-2, 1-13, 1-14, 1-53, 1-53a, 1-53b, 1-54, 1-55, 1-55a, 1-55b, 1-56, 1-59, 1-60, 1-61, 1-62, 1-65, and 1-66.

Figures: 1-25, 1-26, and 1-27.

Pages: 3-17 and 3-18

Page: 4-iii

Pages: 5-i, 5-vi, 5-ix, 5-11, 5-11a, 5-12, 5-18, 5-18a, 5-27, 5-28, 5-29, 5-30, 5-35, 5-36, 5-37, 5-38, 5-39, 5-40, 5-44, 5-44a, 5-45, 5-46, 5-53, 5-54, 5-54a, 5-75, 5-76, 5-76a, 5-76b, 5-85, 5-86, 5-87, 5-88, 5-95, 5-96, 5-96a, 5-97, 5-98, 5-99, 5-100, 5-107, and 5-108.

Figures: 5-1, 5-5, 5-6, 5-7, 5-27, 5-28, 5-29, 5-30, 5-30A, and 5-35.

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Remove the following sheets:

Pages: 5A-i, 5A-ii, 5A-iii, 5A-iv, 5A-v, 5A-1, 5A-2, 5A-5, 5A-6, 5A-7, 5A-8, 5A-9, 5A-10, 5A-11, 5A-12, 5A-13, 5A-13a, 5A-19, 5A-20, 5A-21, 5A-22, 5A-25, and 5A-26. *NOT IN VOL.*

Figures: 5A-13, 5A-14, 5A-15, 5A-16, 5A-17, 5A-18, 5A-23, 5A-31, and 5A-32. *NOT IN VOL.*

Pages: 5D-1, 5D-3, 5D-4, 5D-5, 5D-6, 5D-7, 5D-8, 5D-9, 5D-10, 5D-19, 5D-20, 5D-21, 5D-22, and 5D-23.

Figure: 5D-13

Pages: 5E-1, 5E-7, 5E-8, 5E-9, 5E-10, 5E-15, 5E-16, 5E-17, and 5E-18.

Pages: 7-17 and 7-18

Pages: 11-i, 11-ii, 11-iv, 11-v, 11-1, 11-2, 11-7, 11-8, 11-9, 11-10, 11-13, 11-14, 11-17, 11-18, 11-19, 11-20, 11-23, 11-24, 11-25, 11-26, 11-27, 11-28, 11-29, 11-30, 11-31, 11-32, 11-33, 11-34, 11-37, 11-38, 11-39, 11-40, 11-41, 11-42, 11-43, 11-44, 11-45, 11-46, 11-47, and 11-48. *NOT IN VOL.*

Figures: 11-8, 11-10, and 11-11. *NOT IN VOL.*

Pages: 12-1, 12-5, 12-6, 12-7, 12-8, 12-9, and 12-10.

Pages: 14-13, 14-14, 14-17, 14-18, 14-67, and 14-68.

Insert the following sheets:

Pages: 5A-i, 5A-ii, 5A-iii, 5A-iv, 5A-v, 5A-1, 5A-2, 5A-5, 5A-5a, 5A-6, 5A-7, 5A-8, 5A-9, 5A-10, 5A-10a, 5A-11, 5A-11a, 5A-12, 5A-12a, 5A-13, 5A-13a, 5A-19, 5A-19a, 5A-20, 5A-21, 5A-22, 5A-25, and 5A-26.

Figures: 5A-9A, 5A-9B, 5A-13, 5A-14, 5A-15, 5A-16, 5A-17, 5A-18, 5A-23, 5A-31, and 5A-32.

Pages: 5D-1, 5D-3, 5D-3a, 5D-4, 5D-5, 5D-6, 5D-7, 5D-8, 5D-9, 5D-10, 5D-19, 5D-20, 5D-21, 5D-21a, 5D-22, and 5D-23.

Figure: 5D-13

Pages: 5E-1, 5E-7, 5E-8, 5E-9, 5E-9a, 5E-10, 5E-10a, 5E-15, 5E-15a, 5E-15b, 5E-16, 5E-16a, 5E-17, and 5E-18.

Pages: Appendix 6A (consists of 15 pages of text, 5 figures, and 3 Attachments), immediately following Section 6.

Pages: 7-17 and 7-18

Pages: 11-i, 11-ii, 11-iv, 11-v, 11-1, 11-2, 11-7, 11-8, 11-8a, 11-9, 11-10, 11-13, 11-13a, 11-13b, 11-13c, 11-13d, 11-13e, 11-14, 11-17, 11-18, 11-19, 11-19a, 11-20, 11-23, 11-24, 11-24a, 11-25, 11-25a, 11-26, 11-27, 11-28, 11-29, 11-30, 11-31, 11-32, 11-33, 11-34, 11-37, 11-38, 11-39, 11-40, 11-41, 11-42, 11-43, 11-44, 11-45, 11-46, 11-47, and 11-48.

Figures: 11-8, 11-10, and 11-11

Pages: 12-1, 12-5, 12-6, 12-6a, 12-7, 12-8, 12-9, 12-9a, and 12-10.

Pages: Appendix 12A (consists of 30 pages of text and 3 figures), immediately following Section 12.

Pages: 14-13, 14-14, 14-17, 14-18, 14-67, and 14-68.

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Remove the following sheets:

Insert the following sheets:

Revisions to Supplement 1, Part II (Volume 4)

Page: 5-5 ✓

Pages: 5-~~5~~ and 5-6 ✓

Figure: 5-~~3~~ ✓

Figure: 5-3 ✓

Revisions to Supplement 2, Part I (Volume 4)

Pages: 1, 2, 3, 4, and 5 ✓

Pages: 1, 2, 3, 4, 5, and 6 ✓

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