

FROM: Metropolitan Edison Company
Reading, Pennsylvania 19607
J.S. Miller

TO: Dr. Peter A. Morris

CLASSIF: POST OFFICE
REG. NO:

DESCRIPTION: (Must Be Unclassified)
Ltr trans the following:

ENCLOSURE
Amdt #18 notarized 3-19-71 consisting
of questions raised by NEI at meeting
on 2-23 & 2-24-71, data to update
FSAR, & revised pages dtd 3-22-71...
CERT OF SERVICE dtd 3-22-71 showing
svc of Amdt #18 upon Richard Minear
& C. Robert Budd.....
(1 Orig & 20 conf'd cys Cert, 3 Orig
& 19 conf'd cys Amdt, 80 cys rev
pages)
HOLDING 16 CYS FOR ACES

DATE OF DOCUMENT: March 22, 1971		DATE RECEIVED March 22, 1971		NO.: 1324
LTR	MEMO	PORT	OTHER	
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ORIG.	CC	OTHER		
3 signed				
ACTION NECESSARY <input type="checkbox"/>		CONCURRENCE <input type="checkbox"/>		DATE ANSWERED:
NO ACTION NECESSARY <input type="checkbox"/>		COMMENT <input type="checkbox"/>		BY:
FILE CODE: 50-289				
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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

March 22, 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. 18

Dear Dr. Morris:

Attached are three signed originals and 19 conformed copies of Amendment No. 18 to the Operating License Application for the Three Mile Island Nuclear Station, Unit 1.

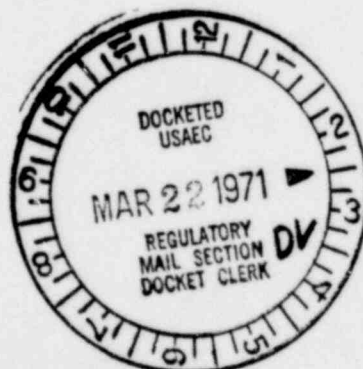
This Amendment addresses questions raised by DRL at a meeting held on February 23 and 24, 1971, in Bethesda, Maryland. In addition to the aforementioned information, we are including data which serves to update the FSAR. All of this material has been incorporated into the text and is forwarded in the form of change pages dated March 22, 1971.

There are also enclosed one signed copy and 20 conformed copies of Certificate of Service of Amendment No.18 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

mw
Enclosures

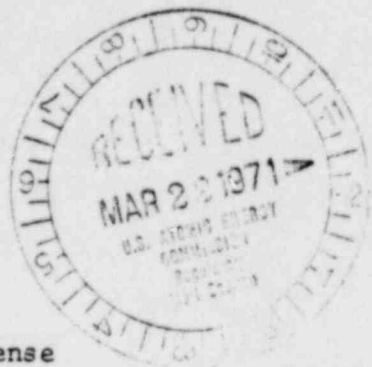


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METROPOLITAN EDISON COMPANY
JERSEY CENTRAL POWER & LIGHT COMPANY
and
PENNSYLVANIA ELECTRIC COMPANY



Three Mile Island Nuclear Station Unit 1
Application for
Class 104b Utilization Facility Operating License

DOCKET NO. 50-289
AMENDMENT NO. 18

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 questions raised by DRL at a meeting held February 23 and 24, 1971, and information which serves to update the FSAR in general.

ATTEST:

H. D. Hollinger
Secretary

METROPOLITAN EDISON COMPANY

By [Signature]
Vice President

Sworn to and subscribed before me this 19th day
of March 1971.

Rita M. Powers
Notary Public
My Commission Expires

RITA M. POWERS
Notary Public, Manheim Twp., Berks Co.
My Commission Expires September 30, 1974

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JERSEY CENTRAL POWER & LIGHT COMPANY

ATTEST:

[Signature]
Secretary

By [Signature]
Vice President

Sworn to and subscribed before me this 17th day
of March 1971.

[Signature]
Notary Public
My Commission Expires

DAVIDSON, N.J. 07834
NOTARY PUBLIC, N.J. 17001
MY COMMISSION EXPIRES FEBRUARY 1974

PENNSYLVANIA ELECTRIC COMPANY

ATTEST:

[Signature]
Secretary

By [Signature]
Vice President

Sworn to and subscribed before me this 18th day
of March 1971.

[Signature]
Notary Public
My Commission Expires

MARGARET A. GRADY, Notary Public
Johnstown, Cameron County, Penna.
My Commission Expires February 20, 1974

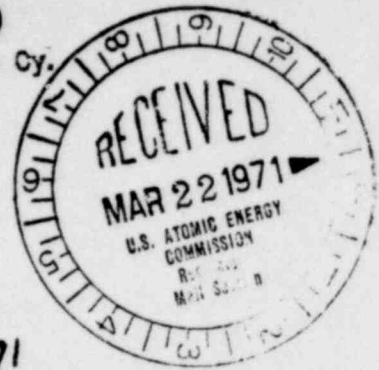
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Regulation

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UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION



Received with file 3-22-71

IN THE MATTER OF)
METROPOLITAN EDISON COMPANY)

DOCKET NO. 50-289

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 18 to the Application for Construction Permit and Operating License for Three Mile Island Nuclear Station, Unit 1, dated March 22, 1971, and filed with the U. S. Atomic Energy Commission on March 22, 1971, has this 22nd day of March 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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AMENDMENT NO. 18

THE METROPOLITAN EDISON COMPANY -- JERSEY CENTRAL POWER & LIGHT COMPANY
PENNSYLVANIA ELECTRIC COMPANY
THREE MILE ISLAND NUCLEAR STATION UNIT 1

Amendment No. 18 to the Metropolitan Edison Company -- Jersey Central Power & Light Company -- Pennsylvania Electric Company Final Safety Analysis Report includes change pages to update the final safety analysis report.

The following sheets of the Final Safety Analysis Report are to be deleted; and, where appropriate, revised sheets dated 3-22-71 should be inserted.

Remove the following sheets:

✓ Pages: Table of Contents - v and xi (one each, in Volume 1, 2, 3, and 4)

Pages: ✓1-ii, ✓1-7, ✓1-8, 1-9, 1-10, ✓1-15, ✓1-16, ✓1-29, ✓1-30, ✓1-47, ✓1-48, ✓1-63, ✓1-64, ✓1-65, ✓1-66, ✓1-67, and ✓1-68

Pages: ✓2-v, ✓2-29b, and ✓2-29c

Pages: ✓3-i, ✓3-ii, ✓3-iv, ✓3-v, ✓3-vi, ✓3-vii, ✓3-viii, ✓3-ix, ✓3-5, ✓3-6, ✓3-7, ✓3-8, ✓3-9, ✓3-10, ✓3-11, ✓3-12, 3-22, ✓3-14, ✓3-14a, ✓3-15, ✓3-16, ✓3-21, ✓3-22, ✓3-23, ✓3-24, ✓3-33, ✓3-34, ✓3-35, ✓3-36, ✓3-37, ✓3-38, ✓3-39, ✓3-40, ✓3-45, ✓3-46, ✓3-49, ✓3-50, ✓3-51, ✓3-52, ✓3-53, ✓3-54, ✓3-55, ✓3-56, ✓3-57, ✓3-58, ✓3-61, ✓3-62, ✓3-63, ✓3-64, ✓3-65, ✓3-66, ✓3-67, ✓3-68, ✓3-73, ✓3-74, ✓3-75, ✓3-76, ✓3-77, ✓3-78, ✓3-79, ✓3-80, ✓3-81, ✓3-82, ✓3-83, ✓3-84, ✓3-85, ✓3-86, ✓3-87, ✓3-88, ✓3-93, ✓3-94, ✓3-95, ✓3-96, ✓3-97, ✓3-98, ✓3-99, ✓3-100, ✓3-101, ✓3-102, ✓3-103, and ✓3-104

Insert the following sheets:

✓ Pages: Table of Contents - v and xi (one each, in Volume 1, 2, 3, and 4)

Pages: ✓1-ii, ✓1-7, ✓1-8, ✓1-9, ✓1-10, ✓1-15, ✓1-16, ✓1-29, ✓1-30, ✓1-47, ✓1-48, ✓1-63, ✓1-64, ✓1-65, ✓1-66, ✓1-67, and ✓1-68

Pages: ✓2-v, ✓2-29b, and ✓2-29c

Figures: ✓2-25, ✓2-26, and ✓2-27

Pages: ✓3-i, ✓3-ii, ✓3-iv, ✓3-v, ✓3-vi, ✓3-vii, ✓3-viii, ✓3-ix, ✓3-5, ✓3-6, ✓3-7, ✓3-8, ✓3-9, ✓3-10, ✓3-11, ✓3-12, ✓3-13, ✓3-14, ✓3-15, ✓3-16, ✓3-16a, ✓3-16b, ✓3-16c, ✓3-16d, ✓3-16e, ✓3-16f, ✓3-21, ✓3-22, ✓3-23, ✓3-24, ✓3-33, ✓3-34, ✓3-35, ✓3-36, ✓3-37, ✓3-38, ✓3-39, ✓3-40, ✓3-45, ✓3-45a, ✓3-45b, ✓3-45c, ✓3-46, ✓3-49, ✓3-50, ✓3-50a, ✓3-51, ✓3-52, ✓3-53, ✓3-54, ✓3-55, ✓3-56, ✓3-57, ✓3-58, ✓3-58a, ✓3-61, ✓3-62, ✓3-63, ✓3-64, ✓3-65, ✓3-66, ✓3-67, ✓3-68, ✓3-73, ✓3-74, ✓3-74a, ✓3-74b, ✓3-74c, ✓3-75, ✓3-76, ✓3-77, ✓3-78, ✓3-78a, ✓3-79, ✓3-80, ✓3-81, ✓3-82, ✓3-83, ✓3-84, ✓3-85, ✓3-86, ✓3-87, ✓3-88, ✓3-93, ✓3-94, ✓3-95, ✓3-96, ✓3-96a, ✓3-96b, ✓3-97, ✓3-98, ✓3-99, ✓3-100, ✓3-101, ✓3-102, ✓3-103, and ✓3-104

Remove the following sheets:

Figures: ~~3-17, 3-18, 3-30, 3-31, 3-32, 3-33, 3-34, 3-35, 3-37, 3-38, 3-39, 3-40, 3-50, 3-51, 3-52, and 3-54~~

Pages: ~~4-iv, 4-33, and 4-34~~

Pages: ~~5-31, 5-32, 5-35, 5-36, 5-89, 5-90, 5-91, 5-92, 5-93, 5-94, 5-95, and 5-96~~

Pages: ~~6-17 and 6-18~~

Pages: ~~7-1, 7-3, 7-4, 7-4a, 7-5, 7-6, 7-6a, 7-9, 7-9a, 7-10, 7-10a, 7-31, 7-32, 7-45, and 7-46~~

Figure: ~~7-16~~

Pages: ~~9-9, 9-10, 9-59, and 9-60~~

Pages: ~~11-7, 11-8, 11-17, 11-18, 11-19, 11-20, 11-27, 11-28, 11-37, 11-38, 11-41, 11-42, 11-43, 11-44, 11-47, and 11-48~~

~~FIGS 11-8, 11-9~~

Figure: ~~13-1~~

Pages: ~~14-13, 14-14, 14-27, 14-28, 14-37, 14-38, 14-67, 14-68, 14-75, and 14-76~~

Figures: ~~14-29 and 14-30~~

Revisions to Supplement 1, Part I (Volume 4)

Pages: ~~1-1 and 1-2~~

Revisions to Supplement 1, Part II (Volume 4)

Pages: ~~ii, iii, 4-3, 4-4, 6-1, and 6-2~~

Insert the following sheets:

Figures: ~~3-4A, 3-4B, 3-4C, 3-4D, 3-4E, 3-4F, 3-4G, 3-6A, 3-6B, 3-6C, 3-6D, 3-17, 3-18, 3-30, 3-31, 3-32, 3-33, 3-34, 3-35, 3-37, 3-38, 3-39, 3-40, 3-49A, 3-50, 3-51, 3-52, and 3-54~~

Pages: ~~4-iv, 4-33, 4-33a, 4-32b, and 4-34~~

Pages: ~~5-31, 5-32, 5-35, 5-36, 5-89, 5-90, 5-91, 5-92, 5-93, 5-94, 5-95, and 5-96~~

Pages: ~~6-17 and 6-18~~

Pages: ~~7-1, 7-3, 7-4, 7-5, 7-6, 7-6a, 7-9, 7-9a, 7-10, 7-10a, 7-31, 7-32, 7-45, and 7-46~~

✓ Figure: 7-16

Pages: ~~9-9, 9-10, 9-59, and 9-60~~

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✓ FIGS 11-8, 11-9

Figure: ~~13-1~~

Pages: ~~14-13, 14-14, 14-27, 14-28, 14-37, 14-38, 14-67, 14-68, 14-75, and 14-76~~

Figures: ~~14-29 and 14-30~~

Pages: ~~1-1 and 1-2~~

Pages: ~~ii, iii, 4-3, 4-4, 6-1, 6-1a, 6-2 and 6-2a~~

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