

Metropolitan Edison Company
Reading, Pennsylvania 19603
J. O. Miller

DATE OF DOCUMENT:

12-16-70

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DATE ANSWERED:

NO ACTION NECESSARY ☐

COMMENT ☐

BY:

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FILE CODE:

50-289

DESCRIPTION: (Must Be Unclassified)

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W/A cys for ACTION

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AEC PDR

Compliance (2)

OGC (in P 506A)

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D. Thompson

DTIE (Laughlin)

NSIC (Buchanan)

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Case (Reading File)

4024

fod

ENCLOSURES:

AMET # 15, notarized 12-14-70 consisting of rev. & addl pages..addl info re our 9-16-70 ltr..A question-response cross ref included as SUPPL # 2. (3 Orig, 30 & 80 cys rec'd). CERT OF JV, dtd 12-16-70 showing sv of AMET #15 upon Richard Minear, Chan Bd of Supvr Londonberry

REMARKS: Township, Middletown, Pa.

(1 Orig & 20 rec'd)

Holding (16) cys for ACRS

101 Inserted 12-21-70, U.S. ATOMIC ENERGY COMMISSION

☆ U.S. GOVERNMENT PRINTING OFFICE: 1970-382-148

MAIL CONTROL FORM FORM AEC-3265 (8-60)

POOR ORIGINAL

1491 298

7910300 607

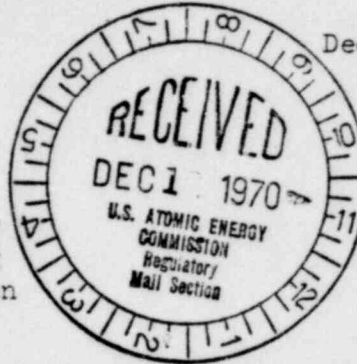
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METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601



December 16, 1970

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. 15

Dear Dr. Morris:

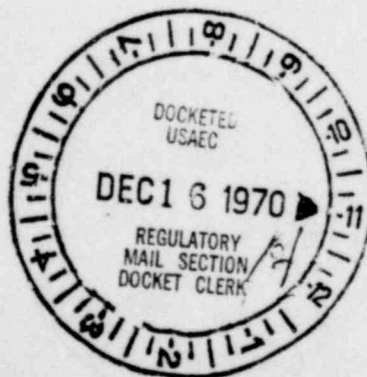
Attached are three signed originals and nineteen conformed copies of Amendment No. 15 to the Construction Permit Application for the Three Mile Island Nuclear Station Unit 1. In addition, enclosed are one signed and twenty conformed copies of the Certificate of Service of Amendment 15 to the chief executives of the township and county in which the facility is located.

This Amendment modifies the Final Safety Analysis Report in response to your request for additional information 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 December 15, 1970. A question - response cross reference is included as Supplement No. 2 to the FSAR. The Amendment also includes the additional meteorological data referred to in your September 16th letter.

This Amendment addresses the majority of the questions asked in the September 16, 1970 letter. The remaining questions will be answered in a subsequent amendment to be filed in January 1971.

Very truly yours,

J. C. Miller
J. C. Miller
Vice President



ENC
Enclosures

1491 299 4024

METROPOLITAN EDISON COMPANY
AND
JERSEY CENTRAL POWER & LIGHT COMPANY

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Application for Class 104b Utilization
Facility Operating License

Docket No. 50-289
Amendment No. 15

Regulatory

File Cy.

12-16-70

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 contain a partial response to questions contained in the Director's letter of September 16, 1970. Also enclosed, in the form of change pages, is the additional meteorological data referred to in the aforementioned letter and information which serves to update the FSAR.

METROPOLITAN EDISON COMPANY

By

J. J. Mills
Vice President

Attest:

R. D. Hollinger
Secretary

Sworn and subscribed to before me this 14th day of December 1970.

RICHARD I. RUTH

Notary Public, Muhlenberg Twp., Berks Co.
My Commission Expires September 23, 1974

Richard I. Ruth
Notary Public

JERSEY CENTRAL POWER & LIGHT COMPANY

By

W. J. ...
Vice President

Attest:

W. J. ...
ASSISTANT Secretary

STATE OF NEW JERSEY - COUNTY OF MORRIS

Sworn and subscribed to before me this 11th day of December 1970.

Notary Public

1491 300

4024

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

IN THE MATTER OF)
METROPOLITAN EDISON COMPANY)

DOCKET NO. 50-289

Regulatory File Cy.

Received with Letter 12-16-70

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 15 to the Application for Construction Permit and Operating License for Three Mile Island Nuclear Station, Unit 1, dated December 15, 1970, and filed with the U. S. Atomic Energy Commission on December 16, 1970, has this 16th day of December 1970 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:

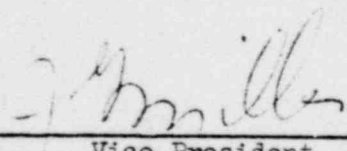
Mr. Richard Minear
Chairman, Board of Supervisors of
Londonderry Township
R. D. #1
Middletown, Pennsylvania

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

Dated: December 16, 1970

1491 301

4024

Remove the following sheets:

Pages: 9-i, 9-vii, 9-13, 9-14,
9-15, 9-16, 9-17, 9-18, 9-19, 9-20,
9-41, 9-42, 9-43, 9-44, 9-53, 9-54,
9-55, 9-56, and 9-61.

Pages: 10-3, 10-4, 10-5, 10-6,
10-7, and 10-8.

Pages: 13-i, 13-iii, 13-3, and 13-4.

NOT IN BOOK

Pages: 14-viii, 14-17, 14-18, 14-47,
14-48, 14-51, 14-52, 14-53, 14-54,
14-57, 14-58, 14-69, 14-70, 14-75,
14-76, 14-85, 14-86, 14-87, and
14-88.

Figures: 14-53 and 14-54.

Insert the following sheets:

Pages: 9-iv, 9-vii, 9-13, 9-14,
9-15, 9-16, 9-17, 9-18, 9-19, 9-20,
9-41, 9-41a, 9-42, 9-43, 9-44, 9-53,
9-54, 9-55, 9-56, and 9-61.

Figures: 9-24.

Pages: 10-3, 10-4, 10-4a, 10-4b,
10-5, 10-6, 10-7, and 10-8.

Pages: 13-i, 13-iii, 13-3, 13-4,
and 13-4a.

Figures: 13-1, 13-2, and 13-3.

Pages: 14-viii, 14-17, 14-18, 14-18a,
14-47, 14-48, 14-51, 14-52, 14-53,
14-54, 14-57, 14-58, 14-69, 14-70,
14-75, 14-76, 14-85, 14-86, 14-87,
and 14-88.

Figures: 14-53, 14-53A, and 14-54.

Revisions to Supplement 1, Part I (Volume 4)

Pages: i, ii, iii, iv, 1-1, 1-2,
2-1, 3-1, 4-1, 4-2, 4-3, 4-4, 5-1,
5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-8,
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5-2, 5-3, 5-4, 5-5, 5-6, 5-7, 5-8,
6-1, 6-2, 6-3, 6-4, 6-5, 6-6, 6-7,
6-8, 6-9, 6-10, 6-11, 6-12, 6-13,
6-14, 7-1, 7-2, 7-3, and 7-4.

Revisions to Supplement 1, Part II (Volume 4)

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

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

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

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

Supplement 2

Insert Supplement No. 2 immediately following Supplement No. 1.

Part I: Cross Reference to DRL Questions (five pages).

Part II: DRL Questions.

1491 302

December 15, 1970

Regulatory File Cy.

12-16-70

AMENDMENT NO. 15

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

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Amendment No. 15 to the Metropolitan Edison Company -- Jersey Central Power & Light Company Final Safety Analysis Report includes both insert pages, as listed below, and Supplement No. 2. The change pages are in response to DRL Additional Information Requested and miscellaneous revisors to keep the FSAR up-to-date. Supplement No. 2 provides a cross reference for the responses to DRL's questions.

Insert Supplement No. 2 immediately following Supplement No. 1 in Volume 4.

The following sheets of the Metropolitan Edison Company -- Jersey Central Power & Light Company Final Safety Analysis Report are to be deleted; and, where appropriate, revised sheets dated 12-15-70 should be inserted.

Remove the following sheets:

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

Pages: 1-21, 1-22, 1-39, 1-40, 1-43, 1-44, 1-65, and 1-66.

Figures: 1-24.

Pages: 2-ii, 2-iii, 2-iv, 2-25, 2-26, 2-27, 2-28, 2-29, 2-30, 2-39, 2-40, 2-57, 2-58, 2-59, 2-60, 2-61, 2-62, 2-63, 2-64, and 2-65.

Figures: 2-20

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Pages: 4-ii, 4-vii, 4-i, 4-2, 4-9, 4-10, 4-11, 4-12, 4-13, 4-14, 4-15, 4-16, 4-19, 4-20, 4-21, 4-22, 4-35, 4-36, 4-59, and 4-60.

Figures: 4-4

Insert the following sheets:

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

Pages: 1-21, 1-22, 1-39, 1-40, 1-43, 1-44, 1-65, and 1-66.

Figures: 1-24.

Pages: 2-ii, 2-iii, 2-iv, 2-25, 2-26, 2-27, 2-27a, 2-28, 2-28a, 2-29, 2-29a, 2-29b, 2-29c, 2-30, 2-39, 2-40, 2-57, 2-58, 2-59, 2-60, 2-61, 2-62, 2-63, 2-64, 2-65, 2-66, and 2-67.

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Figures: 3-5A and 3-5B.

Pages: 4-ii, 4-vii, 4-i, 4-2, 4-2a, 4-9, 4-10, 4-11, 4-12, 4-13, 4-14, 4-14a, 4-14b, 4-15, 4-16, 4-16a, 4-19, 4-20, 4-20a, 4-21, 4-22, 4-22a, 4-35, 4-36, 4-36a, 4-59, and 4-60.

Figures: 4-4, 4-4A, and 4-5A.

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Pages: 5-v, 5-vii, 5-1, 5-2, 5-5,
5-17, 5-18, 5-21, 5-22, 5-23, 5-24,
5-35, 5-36, 5-41, 5-42, 5-43, 5-44,
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Figures: 5-2, 5-19, and 5-36.

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6-19, 6-20, 6-23, 6-24, 6-29, and
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8-10, 8-11, 8-12, and 8-13.

Figures: 8-4 and 8-5.

* Fig. 8-5 NOT in VOLUME.

Insert the following sheets:

Pages: Appendix 4A (consists of 11 sheets
and 10 figures), immediately following
Section 4.

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5-105, 5-106, 5-107, 5-108, and 5-109.

Figures: 5-2, 5-19, and 5-36.

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and 5A-14.

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6-13a, 6-14, 6-15, 6-16, 6-16a, 6-19,
6-19a, 6-19b, 6-20, 6-23, 6-24, 6-24a,
6-24b, 6-24c, 6-24d, 6-24e, 6-29, and
6-30.

Figures: 6-1, 6-2, and 6-5.

Pages: 7-i, 7-iii, 7-iv, 7-1, 7-1a,
7-1b, 7-2, 7-2a, 7-3, 7-4, 7-4a, 7-5,
7-6, 7-6a, 7-9, 7-9a, 7-10, 7-10a, 7-13,
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Figures: 7-1, 7-2, 7-2A, 7-10, 7-13,
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8-7b, 8-7c, 8-7d, 8-7e, 8-8, 8-9, 8-10,
8-10a, 8-11, 8-12, 8-12a, and 8-13.

Figures: 8-4 and 8-5.

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