

FROM: Metropolitan Edison Company Reading, Pennsylvania 18103 J. G. Miller		DATE OF DOCUMENT 1-31-72		DATE RECEIVED 1-31-72		NO. 1	
TO: Dr. Morris		LTR. <input checked="" type="checkbox"/> MEMO: <input type="checkbox"/> REPORT: <input type="checkbox"/> OTHER: <input type="checkbox"/>		ORIG.: <input checked="" type="checkbox"/> signed		CC: <input type="checkbox"/> OTHER: <input type="checkbox"/>	
CLASSIF.: U		POST OFFICE REG. NO:		ACTION NECESSARY <input type="checkbox"/> CONCURRENCE <input type="checkbox"/> DATE ANSWERED:		NO ACTION NECESSARY <input type="checkbox"/> COMMENT <input type="checkbox"/> BY:	
DESCRIPTION: (Must Be Unclassified) Ltr advising of action taken on questions re our 9-2-71...and trans the following:		FILE CODE: 50-289		REFERRED TO		DATE	
				Long		1-31-72	
				W/4 cys for ACTION		DO NOT REMOVE	
ENCLOSURES: AMDT # 23 notarized 1-31-72 consisting of Rev & Addl pages to PSAR. (3 & 75 rec'd) CERT OF SV dtd 1-31-72 showing sv of Amdt # 23 upon R. Menear, Chm Ed of Supers of Londonberry Township, Middletown, Pa. (1 Orig & 20 rec'd)		DISTRIBUTION:					
		Reg Files		Rosen			
		AEC PDR		Collins			
		Compliance (3)		Thompson			
		OCC, Rm P 506A		DTIC (Laughlin)			
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		Klecker		ASLB (Yore "H" St)			
		N. Davison (ltr only)		Warren Hyer (2)			
REMARKS: Holding (16) cys for ACES 1 Cy Local PDR (Harrisburg, Pa)		Denton		Chief Water Reactors			
		Lange (2)		Case (Mail Control)			
		Pawlicki					
		Minogue					
		Moore				fod	

U. S. ATOMIC ENERGY COMMISSION

MAIL CONTROL FORM

FORM AEC-328
(8-60)

☆ U. S. Government Printing Office: 1968 - 296 - 614

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METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

Regulatory File Cy.

January 31, 1972

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



SUBJECT: THREE MILE ISLAND NUCLEAR STATION
UNIT 1
DOCKET NO. 50-289
AMENDMENT NO. 23

Dear Dr. Morris:

Attached are three signed originals and nineteen conformed copies of Amendment No. 23 to the Operating License Application for Three Mile Island Nuclear Station, Unit 1.

This Amendment addresses questions raised by DRL in your letter of September 2, 1971. The action taken on these questions is as follows:

ITEM 1. Tendon Surveillance Program

Item to be handled during Technical Specification review.

ITEM 2. Industrial Security

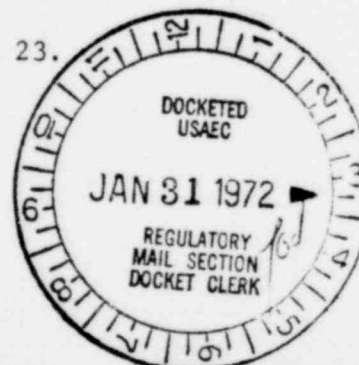
Information to be filed in early February 1972.

ITEM 3. Meteorology

The Diffusion Study Report will be filed in early February 1972.

ITEM 4. NPSH of ECCS and Spray Pumps

Information included in Amendment 23.



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Dr. Peter A. Morris, Director
Division of Reactor Licensing



ITEM 5. Tests of Fire Suppression Systems in the Air Intake Tunnel

Information filed in Amendment 23.

ITEM 6. Rod Ejection Analysis

Information filed in Amendment 23.

ITEM 7. In-Service Surveillance Monitoring for Vibration and Loose Parts

The services of an independent consultant have been enlisted to determine and evaluate the facilities and companies offering to develop the subject system. Based on their findings, it is intended to commit funds to encourage the development of the subject system.

ITEM 8. Decay Heat Removal System Isolation Valve

Information filed in Amendment 23.

We are also including, in this Amendment, information which serves to update the FSAR. All of the material filed has been incorporated into the text and is forwarded to you in the form of change pages dated January 31, 1972.

There are also enclosed one signed copy and twenty conformed copies of Certificate of Service of Amendment No. 23 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

HW
Enclosure

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Regulatory

File Cv.

Received with File 1-31-72

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. 23

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 questions raised by DRL in a letter dated September 2, 1971 and information which serves to update the FSAR.

METROPOLITAN EDISON COMPANY

ATTEST:

S. L. Hollings
Secretary

BY [Signature]
Vice President

Sworn to and subscribed before me this 31st day of January 1972.

[Signature]
Notary Public

1488 052

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

IN THE MATTER OF)
METROPOLITAN EDISON COMPANY)

DOCKET NO. 50-289

Regulatory File Cy.

Received with date 1-31-72

CERTIFICATE OF SERVICE

This is to certify that a copy of Amendment No. 23 to the Application for Construction Permit and Operating License for Three Mile Island Nuclear Station, Unit 1, dated January 31, 1972, and filed with the United States Atomic Energy Commission on January 31, 1972, has this 31st day of January 1972 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:

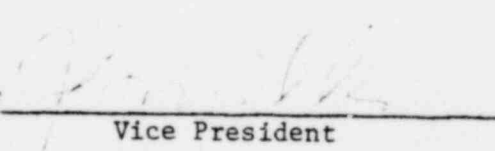
Mr. Richard Menear, Chairman
Board of Supervisors of Londonderry Township
R. D. #1
Middletown, Pennsylvania

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

1488 053

AMENDMENT NO. 23

Regulatory

File Cy.

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

PENNSYLVANIA ELECTRIC COMPANY

Received w/LE dated 1-31-72

THREE MILE ISLAND NUCLEAR STATION UNIT 1

Amendment No. 23 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 1-31-72 should be inserted.

Remove the following sheets:

Pages: Table of Contents vii and viii (one each, in Volumes 1, 2, 3, 4, and 5). Page v in Volume 5 only.

Pages: 1-1, 1-2, 1-65, and 1-66.

Figures: 1-24, 1-25, and 1-26.

Pages: 2-3, 2-4, 2-17, 2-18, 2-18a, 2-21, 2-22, 2-35, 2-36, 2-39, and 2-40.

Pages: 3-39, 3-40, 3-81, 3-82, 3-83, 3-84, 3-85, 3-86, 3-87, and 3-88.

Figure: 3-33.

Pages: 4-7, 4-8, 4-13, 4-14, 4-17, 4-18, 4-23, 4-24, 4-25, 4-26, 4-33b, 4-34, 4-36a, 4-37, 4-38, 4-41, and 4-42.

Pages: 5-v, 5-vi, 5x, 5-11, 5-11a, 5-76a, 5-76b, 5-97, and 5-98.

Insert the following sheets:

Pages: Table of Contents - vii and viii (one each, in Volumes 1, 2, 3, 4, and 5). Page v in Volume 5 only.

Pages: 1-1, 1-2, 1-65, and 1-66.

Figures: 1-24, 1-25, and 1-26.

Pages: 2-3, 2-3a, 2-4, 2-17, 2-18, 2-18a, 2-21, 2-22, 2-35, 2-36, 2-39, and 2-40.

Pages: 3-39, 3-40, 3-81, 3-82, 3-83, 3-84, 3-85, 3-86, 3-87, and 3-88.

Figure: 3-33.

Pages: 4-7, 4-8, 4-13, 4-14, 4-17, 4-18, 4-23, 4-24, 4-25, 4-26, 4-33b, 4-34, 4-37, 4-38, 4-41, and 4-42.

Pages: 5-v, 5-vi, 5x, 5-11, 5-11a, 5-76a, 5-76b, 5-76c, 5-76d, 5-76e, 5-76f, 5-97, 5-97a, and 5-98.

Figure: 5-54.

Remove the following sheets:

Figures: 5A-3 and 5A-4.

Pages: 6-iv, 6-7, 6-8, 6-11,
6-12, 6-17, 6-18, 6-18a, and 6-18b.

Pages: 7i, 7ii, 7-1, 7-1a,
7-1b, 7-2, 7-2a, 7-19, 7-20,
7-21, 7-22, 7-22a, 7-22b, 7-22c,
7-22d, 7-22e, 7-23, 7-24, 7-25,
7-26, 7-27, 7-28, 7-31, 7-32,
7-37, 7-38, 7-39, 7-40, 7-43,
7-44, 7-45, and 7-46.

Figures: 7-9, 7-11, and 7-17.

Pages: 8-7d, 8-7e, 8-11, and 8-12.

Pages: 9-iv, 9-19, 9-20, 9-21,
9-22, 9-35, 9-36, 9-37, 9-38,
9-41, 9-42, 9-44a, 9-44b, 9-47,
9-48, and 9-61.

Pages: 10-1, 10-2, 10-3, and 10-4.

Pages: 11-15, 11-16, 11-17,
11-18, 11-25, 11-25a, 11-26,
11-45, and 11-46.

Pages: 12-13 and 12-14.

Pages: 13-5, 13-6, 13-7, 13-8,
and 13-11.

Pages: 13A-49 and 13A-50.

Pages: 14-ii, 14-vi, 14-7, 14-8,
14-9, 14-10, 14-15, 14-16, 14-17,
14-18, 14-21, 14-22, 14-25, 14-26,
14-27, 14-28, 14-29, 14-30, 14-53,
14-54, 14-57, 14-58, 14-61,
14-62, 14-65, 14-66, 14-73, 14-74,
14-75, and 14-76.

Figures: 14-17 and 14-18.

Insert the following sheets:

Figures: 5A-3 and 5A-4.

Pages: 6-iv, 6-7, 6-8, 6-11,
6-12, 6-17, 6-18, 6-18a, and 6-18b.

Figures: 6-8A

Pages: 7-i, 7-ii, 7-1, 7-1a,
7-1b, 7-2, 7-2a, 7-19, 7-20,
7-21, 7-22, 7-22a, 7-22b, 7-22c,
7-22d, 7-22e, 7-23, 7-24, 7-25,
7-26, 7-27, 7-28, 7-31, 7-32,
7-37, 7-38, 7-39, 7-40, 7-43,
7-44, 7-45, and 7-46.

Figures: 7-9, 7-11, and 7-17.

Pages: 8-7d, 8-7e, 8-11, and 8-12.

Pages: 9-iv, 9-19, 9-20, 9-21,
9-22, 9-22a, 9-35, 9-36, 9-37,
9-38, 9-41, 9-41a, 9-42, 9-44a,
9-44b, 9-47, 9-48, and 9-61.

Pages: 10-1, 10-2, 10-3, and 10-4.

Pages: 11-15, 11-16, 11-17,
11-18, 11-25, 11-25a, 11-26,
11-45, and 11-46.

Pages: 12-13 and 12-14.

Pages: 13-5, 13-6, 13-7, 13-8,
and 13-11.

Pages: 13A-49 and 13A-50.

Pages: 14-ii, 14-vi, 14-7, 14-8,
14-9, 14-10, 14-10a, 14-15, 14-16,
14-17, 14-18, 14-21, 14-22, 14-25,
14-26, 14-27, 14-28, 14-29, 14-29a,
14-30, 14-53, 14-54, 14-57, 14-58,
14-61, 14-62, 14-65, 14-66, 14-66a,
14-73, 14-74, 14-75, and 14-76.

Figures: 14-17, 14-18, and 14-18A.

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