



Metropolitan Edison Company
Post Office Box 1909
York, Pennsylvania 17405
717 846-7800

October 25, 1979
GQL 1308

*File
TMI-2*

50-289

U. S. Department of Energy
U. S. Energy Research and Development
Administration
P. O. Box E
Oak Ridge, Tennessee 07830

Dear Sir:

Three Mile Island Nuclear Station, Units 1 and 2
Material Status Report

In accordance with 10 CFR 70.53, enclosed please find the Material Status Reports (Form NRC/ERDA 742) for Three Mile Island Nuclear Station, Units 1 and 2. These reports are for the period of April 1, 1979 to September 30, 1979 inclusive.

As a result of the accident which occurred at TMI-2 on March 28, 1979, some core damage resulted which may affect the numbers contained in this report. Based on a telephone conversation between Mr. Steve Scott (NRC), and L. W. Harding (TMI), this report is being submitted for TMI-2 without any adjustment for core damage.

Sincerely,

Signed J. G. Herbein

J. G. Herbein
Vice President-Nuclear Operations

JGH:DWR:tas

Enclosure: Material Status Reports
for TMI-1 and TMI-2

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PDR ADOCK 05000289
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MATERIAL STATUS REPORT

1. NAME AND ADDRESS Metropolitan Edison Company P.O. Box 542 Reading, Pa.	2. LICENSE NUMBER(S) DPR 50	3. REPORTING IDENTIFICATION SYMBOL (RIS) Y7R
	4. REPORT PERIOD	
	FROM 4/1/79	TO 9/30/79
5. MATERIAL TYPE (Submit separate report for each type) 50		

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
8. BEGINNING INVENTORY - ERDA OWNED		
9. BEGINNING INVENTORY - NOT ERDA OWNED	1,153,744	864,220

RECEIPTS

11. PROCUREMENT FROM ERDA FROM: RIS		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
15. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) FROM: RIS		
40. TOTAL	1,153,744	864,220

REMOVALS

41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO ERDA TO: RIS		
43. SALES TO OTHERS FOR THE ACCOUNT OF ERDA TO: RIS		
44. DOD - USE A		
45. DOD - USE B		
46. DOD - OTHER USES		
47. EXPENDED IN ERDA TEST		
48. ROUTINE TESTS		
49. SHIPPER-RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) RIS		
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY	4280	4280
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY - ERDA OWNED		
81. ENDING INVENTORY - NOT ERDA OWNED	1,149,464	859,940
82. TOTAL	1,153,744	864,220

2

COMPOSITION OF ENDING INVENTORY

2. REPORTING IDENTIFICATION SYMBOL: Y2R
(17-9)

1. COEI AS OF: 9/30/79
(Date) (2-6)

NON-ERDA OWNED INVENTORY

3.A. MATERIAL TYPE 50
(10-11)

3.B. ENRICHMENT LEVEL: _____
(For U-235) (10-11)

4. INVENTORY COMPOSITION CODE (12-14)	DESCRIPTION	ELEMENT WEIGHT (15-27)	ISOTOPE WEIGHT (28-40)
860	IN REACTORS AND CRITICAL ASSEMBLIES	321,092	255,376
861	IN COOLING	828,372	604,564
862	IN CONVERSION AND FABRICATION PROCESSES		
863	IN RECOVERY PROCESSES		
864	MATERIAL NOT IN PROCESS		
865	UNIRRADIATED SCRAP AWAITING RECOVERY		
866	UNIRRADIATED SCRAP AWAITING DISPOSAL		
899	TOTAL (Total must agree with quantity on line 81, "Ending Inventory - Not ERDA Owned," on front side of Form 742; for U-235, sum of separate total quantities by enrichment level must agree with line 81.)	1,149,464	859,940

ERDA OWNED INVENTORY

(Refer to ERDA Manual Appendix 7401C for reporting instructions)

MATERIAL TYPE CODE (10-11)	INVENTORY COMPOSITION CODE (12-14)	ELEMENT WEIGHT (15-27)	ISOTOPE WEIGHT (28-40)	ERDA PROJECT NUMBER (44-53)	SCRAP PROG. (54)	UESA CATEGORY CODE (56-58)	WEIGHT % ISOTOPE OR PARTS PER MILLION (59-64)	USE PROL TIC CODE (65)
	899 TOTAL							

(Total must agree with quantity entered on line 80, "Ending Inventory - ERDA Owned," on front side of Form 742.)

To the best of my knowledge and belief the information given above, and in any attached schedules, is true, complete and correct.

DATE	SIGNATURE	TITLE

18 U.S.C. SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

MATERIAL STATUS REPORT

1. NAME AND ADDRESS Metropolitan Edison Company P.O. Box 542 Reading, PA.	2. LICENSE NUMBER(S) DPR 50	3. REPORTING IDENTIFICATION SYMBOL (RIS) YZR
	4. REPORT PERIOD FROM 4/1/79 TO 9/30/79	
		5. MATERIAL TYPE (Submit separate report for each type) 20

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
8. BEGINNING INVENTORY - ERDA OWNED		
9. BEGINNING INVENTORY - NOT ERDA OWNED	184,763,181	2,685,465
RECEIPTS		
11. PROCUREMENT FROM ERDA FROM: <i>RIS</i>		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) FROM: <i>RIS</i>		
40. TOTAL	184,763,181	2,685,465

REMOVALS

41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO ERDA TO: <i>RIS</i>		
43. SALES TO OTHERS FOR THE ACCOUNT OF ERDA TO: <i>RIS</i>		
44. DOD - USE A		
45. DOD - USE B		
46. DOD - OTHER USES		
47. EXPENDED IN ERDA TESTS		
48. ROUTINE TESTS		
49. SHIPPER-RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) TO: <i>RIS</i>		
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY - ERDA OWNED		
81. ENDING INVENTORY - NOT ERDA OWNED	184,763,181	2,685,465
82. TOTAL	184,763,181	2,685,465

COMPOSITION OF ENDING INVENTORY

2. REPORTING IDENTIFICATION SYMBOL: Y7R
(7.9)

1. COEI AS OF: 9/30/79
(Date) (2.6)

NON-ERDA OWNED INVENTORY			
3.A. MATERIAL TYPE <u>20</u> (10-11)		3.B. ENRICHMENT LEVEL: <u>E-1</u> (For U-235) (10-11)	
4. INVENTORY COMPOSITION CODE (12-14)	DESCRIPTION	ELEMENT WEIGHT (15-27)	ISOTOPE WEIGHT (28-40)
850	IN REACTORS AND CRITICAL ASSEMBLIES	80,906,912	1,581,852
861	IN COOLING	93,174,387	798,749
862	IN CONVERSION AND FABRICATION PROCESSES		
863	IN RECOVERY PROCESSES		
864	MATERIAL NOT IN PROCESS	10,681,882	304,864
865	UNIRRADIATED SCRAP AWAITING RECOVERY		
866	UNIRRADIATED SCRAP AWAITING DISPOSAL		
899	TOTAL [Total must agree with quantity on line 81, "Ending Inventory - Not ERDA Owned," on front side of Form 742; for U-235, sum of separate total quantities by enrichment level must agree with line 81.]	184,763,181	2,685,465

ERDA OWNED INVENTORY									
(Refer to ERDA Manual Appendix 7401C for reporting instructions)									
MATERIAL TYPE CODE (10-11)	INVENTORY COMPOSITION CODE (12-14)	ELEMENT WEIGHT (15-27)	ISOTOPE WEIGHT (28-40)	ERDA PROJECT NUMBER (44-53)	SCRAP PROG. (54)	UESA CATEGORY CODE (56-58)	WEIGHT % ISOTOPE OR PARTS PER MILLION (59-64)	USE PROTI CO. (65-70)	
	899	TOTAL						[Total must agree with quantity entered on line 80, "Ending Inventory - ERDA Owned," on front side of Form 742.]	

To the best of my knowledge and belief the information given above, and in any attached schedules, is true, complete and correct.

DATE	SIGNATURE	TITLE
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18 U.S.C. SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

MATERIAL STATUS REPORT

1. NAME AND ADDRESS Metropolitan Edison Company P.O. Box 542 Reading, Pa.	2. LICENSE NUMBER(S) DPR 73	3. REPORTING IDENTIFICATION SYMBOL (RIS) XJZ
	4. REPORT PERIOD FROM 4/1/79 TO 9/30/79	
		5. MATERIAL TYPE (Submit separate report for each type) 50

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
8. BEGINNING INVENTORY - ERDA OWNED		
9. BEGINNING INVENTORY - NOT ERDA OWNED	160,753	150,166

RECEIPTS

11. PROCUREMENT FROM ERDA FROM: <i>RIS</i>		
13. PROCUREMENT - OTHER		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS		
30. RECEIPTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) FROM: <i>RIS</i>		
40. TOTAL	160,753	150,166

REMOVALS

41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO ERDA TO: <i>RIS</i>		
43. SALES TO OTHERS FOR THE ACCOUNT OF ERDA TO: <i>RIS</i>		
44. DOD - USE A		
45. DOD - USE B		
46. DOD - OTHER USES		
47. EXPENDED IN ERDA TESTS		
48. ROUTINE TESTS		
49. SHIPPER-RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) TO: <i>RIS</i>		
71. DEGRADATION TO OTHER MATERIALS		
72. DECAY	53	53
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. MATERIAL UNACCOUNTED FOR		
80. ENDING INVENTORY - ERDA OWNED		
81. ENDING INVENTORY - NOT ERDA OWNED	160,700	150,113
82. TOTAL	160,753	150,166

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COMPOSITION OF ENDING INVENTORY

2. REPORTING IDENTIFICATION SYMBOL: XJZ (17-9)

1. COEI AS OF: 9/30/79 (Date) (2-6)

Table with 4 columns: 4. INVENTORY COMPOSITION CODE (12-14), DESCRIPTION, ELEMENT WEIGHT (15-27), ISOTOPE WEIGHT (28-40). Rows include 860-866 and 899 TOTAL. Total values: 160,700 and 150,113.

Table with 9 columns: MATERIAL TYPE CODE (10-11), INVENTORY COMPOSITION CODE (12-14), ELEMENT WEIGHT (15-27), ISOTOPE WEIGHT (28-40), ERDA PROJECT NUMBER (44-53), SCRAP PROG. (54), UESA CATEGORY CODE (56-58), WEIGHT % ISOTOPE OR PARTS PER MILLION (59-64), UEA PROJECT CODE (65). Includes 899 TOTAL row with note: (Total must agree with quantity entered on line 80, "Ending Inventory - ERDA Owned," on front side of Form 742.)

To the best of my knowledge and belief the information given above, and in any attached schedules, is true, complete and correct.

Table with 3 columns: DATE, SIGNATURE, TITLE.

18 U.S.C. SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

MATERIAL STATUS REPORT

1. NAME AND ADDRESS Metropolitan Edison Company P.O. Box 542 Reading, Pa.	2. LICENSE NUMBER(S) DPR 73	3. REPORTING IDENTIFICATION SYMBOL (RIS) XJZ
	4. REPORT PERIOD	
	FROM 4/1/79	TO 9/30/79
5. MATERIAL TYPE (Submit separate report for each type) 20		

MATERIAL ACCOUNTABILITY

6. QUANTITY BY ELEMENT AND ISOTOPE WEIGHT	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. BEGINNING INVENTORY - ERDA OWNED		
8. BEGINNING INVENTORY - NOT ERDA OWNED	82,453,034	1,824,020

RECEIPTS

11. PROCUREMENT FROM ERDA FROM:		
12. PROCUREMENT - OTHER		
13. DOD REQUIRING - USE A		
14. DOD REQUIRING - USE B		
15. DOD REQUIRING - OTHER USES		
16. PRODUCTION		
17. FROM OTHER MATERIALS		
18. RECEIPTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) FROM:		
19. TOTAL	82,453,034	1,824,020

REMOVALS

20. EXPANDED INVENTORY TRANSFERS		
21. SALES TO ERDA TO:		
22. SALES TO OTHERS FOR THE ACCOUNT OF ERDA TO:		
23. DOD - USE A		
24. DOD - USE B		
25. DOD - OTHER USES		
26. EXPANDED INVENTORY TRANSFERS		
27. ROUTE TO USES		
28. SHIPMENTS REPORTED TO NRC/ERDA ON FORM NRC/ERDA-741 (Not listed elsewhere) TO:		
29. DEGRADATION TO OTHER MATERIALS		
30. DECAY		
31. FISSION AND TRANSFORMATION		
32. NORMAL OPERATIONAL LOSSES/MEASURED DEPLETION		
33. ACCIDENTAL LOSSES		
34. APPROVED WRITE-OFFS		
35. MATERIAL UNACCOUNTED FOR		
36. ENDING INVENTORY - ERDA OWNED		
37. ENDING INVENTORY - NOT ERDA OWNED	82,453,034	1,824,020
38. TOTAL	82,453,034	1,824,020

COMPOSITION OF ENDING INVENTORY

1. DATE OF: 9/30/79
(Date) (2-1)

2. REPORTING IDENTIFICATION SYMBOL: XJZ
(7-9)

3.A. MATERIAL TYPE 20 NON-ERDA OWNED INVENTORY (10-11)
3.B. ENRICHMENT LEVEL: E-1 (For U-235) (10-11)

4. INVENTORY COMPOSITION CODE (11-14)	DESCRIPTION	ELEMENT WEIGHT (15-27)	ISOTOPE WEIGHT (28-40)
850	IN REACTORS AND CRITICAL AREA USE	82,453,034	1,824,020
851	IN COOLING		
852	IN CONVERSION AND FABRICATION PROCESSES		
853	IN RECOVERY PROCESSES		
854	MATERIAL NOT IN PROCESS		
855	UNIRRADIATED SCRAP AWAITING RECOVERY		
856	UNIRRADIATED SCRAP AWAITING DISPOSAL		
850	TOTAL (Total must agree with quantity on line 81, "Ending Inventory - Not ERDA Owned," on front side of Form 742; for U-235, sum of separate total quantities by enrichment level must agree with line 81.)	82,453,034	1,824,020

ERDA OWNED INVENTORY
(Refer to ERDA Manual Appendix 7-101C for reporting instructions)

MATERIAL TYPE CODE (10-13)	INVENTORY COMPOSITION CODE (12-14)	ELEMENT WEIGHT (15-27)	ISOTOPE WEIGHT (28-40)	ERDA PROJECT NUMBER (44-53)	SCRAP PROG. (54)	USA CATEGORY CODE (55-59)	WEIGHT % ISOTOPE OR PARTS PER BILLION (60-64)	U-235 PERCENT (65-69)
	850 TOTAL							

(Total must agree with quantity entered on line 80, "Ending Inventory - ERDA Owned," on front side of Form 742.)

To the best of my knowledge and belief the information given above, and in any attached schedules, is true, complete and correct.

DATE	SIGNATURE	TITLE

18 U.S.C. SECTION 1001; ACT OF JUNE 25, 1948, 62 STAT. 749; MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.