UNIT (2)

U.S. ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. PROJECT TITLE AND LOCATION

THREE MILE ISLAND NUCLEAR STATION UNIT 2

MIDDLETOWN, PA

2. PERSON TO BE CONTACTED:

Mr. R.W. Heward, Jr., Proj. Mgr.
GPU Service Corporation
260 Cherry Hill Road
Parsippany, New Jersey 07054

3. DESIGNED POWER OUTPUT	MEGAWATTS CURRENT	PROJECTED
A. THERMAL CAPACITY OF REACTOR	2772.0	2772.0
B. ELECTRICAL CAPACITY OF PLANT, GROSS	959.0	959.0
C. ELECTRICAL CAPACITY OF PLANT, NET	906.0	906.0

4. COST DATA

A. NUCLEAR-PRODUCTION PLANT (FPC UNIFORM SYSTEM OF ACCOUNTS)	ESTIMATED COST (IN THOUSANDS-$)	
1. LAND AND LAND RIGHTS		
2. STRUCTURES AND IMPROVEMENTS	~~189,573~~	191,677 ✓
3. REACTOR PLANT EQUIPMENT	~~228,524~~	231,061 ✓
4. TURBOGENERATOR	~~103,242~~	104,388 ✓
5. ACCESSORY ELECTRIC EQUIPMENT	~~96,034~~	97,100 ✓
6. MISCELLANEOUS POWER PLANT EQUIPMENT	~~8,293~~	8,385 ✓
7. TOTAL NUCLEAR PRODUCTION PLANT	~~625,666~~	632,611 ✓ 699 M
8. CUMULATIVE COSTS	~~456,872~~	485,007 ✓
B. TRAINING	~~8,784~~	8,784 ✓
C. FUEL (INITIAL CORE LOAD)		
1. COST (DELIVERED FOB PLANT)	10,842	
2. NUMBER OF ASSEMBLIES	177	
3. KILOGRAMS OF U-238	81737	
4. KILOGRAMS OF U-235	2129	
5. OTHER (SPECIFY KGS OF TH, PU, U-233)		

5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRED)

A. APPLICATION FOR CONST PERMIT	04/68	E. FIRST OPERATION AT PLANT'S DESIGNED FULL POWER	12/77
B. START OF CONST AT SITE	09/69	F. PLANT PLACED IN COMMERCIAL OPERATION	05/78
C. APPLICATION FOR FACILITY LICENSE	04/74	G. FIRST DISCHARGE OF NUCLEAR FUEL	10/79
D. FIRST CRITICALITY	09/77	H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC	01/82

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION ~~81.40%~~ 85% ✓ AS OF: Sept. 1976

SUBMITTED BY:
NAME: R. W. Heward, Jr.
TITLE: Project Manager
SIGNATURE: R W Heward Jr
DATE: 10/11/76

IDENT NO: 139

FORM HC-254
REVISED: 2/69

FORM APPROVED BUDGET
BUREAU NO. 38-R107

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U.S. ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. PROJECT TITLE AND LOCATION

THREE MILE ISLAND NUCLEAR STATION UNIT 1

MIDDLETOWN, PA

2. PERSON TO BE CONTACTED:

Mr. R. W. Heward, Jr., Proj. Mgr.
GPU Service Corporation
260 Cherry Hill Road
Parsippany, N.J. 07054

3. DESIGNED POWER OUTPUT	MEGAWATTS CURRENT	PROJECTED
A. THERMAL CAPACITY OF REACTOR	2535.0	2535.0
B. ELECTRICAL CAPACITY OF PLANT, GROSS	876.0	876.0
C. ELECTRICAL CAPACITY OF PLANT, NET	819.0	819.0

4. COST DATA

A. NUCLEAR PRODUCTION PLANT (FPC UNIFORM SYSTEM OF ACCOUNTS)	ESTIMATED COST (IN THOUSANDS-$)
1. LAND AND LAND RIGHTS	172
2. STRUCTURES AND IMPROVEMENTS	117,067
3. REACTOR PLANT EQUIPMENT	159,101
4. TURBOGENERATOR	72,851
5. ACCESSORY ELECTRIC EQUIPMENT	47,962
6. MISCELLANEOUS POWER PLANT EQUIPMENT	6,508
7. TOTAL NUCLEAR PRODUCTION PLANT	403,661
8. CUMULATIVE COSTS	402,016
B. TRAINING	13,027

C. FUEL FABRICATION	CURRENT CORE
1. COST*	5,770
2. NUMBER OF ASSEMBLIES	177
3. KILOGRAMS OF U-238	79977
4. KILOGRAMS OF U-235	2161
5. OTHER (SPECIFY KGS OF TH, PU, U-233)	

* DOES __ DOES NOT __ INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-233

5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRED)

A. APPLICATION FOR CONST PERMIT	05/67	E. FIRST OPERATION AT PLANT'S DESIGNED FULL POWER	08/74
B. START OF CONST AT SITE	08/67	F. PLANT PLACED IN COMMERCIAL OPERATION	09/74
C. APPLICATION FOR FACILITY LICENSE	03/70	G. FIRST DISCHARGE OF NUCLEAR FUEL	
D. FIRST CRITICALITY	06/74	H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC	

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: _____

SUBMITTED BY:
NAME: Mr. R. W. Heward, Jr.
TITLE: Project Manager
SIGNATURE: R W Heward Jr
DATE: 4/11/75

IDENT NO: 032

FORM HQ-254
REVISED: 2/69

FORM APPROVED BUDGET
BUREAU NO. 38-R107

NOTE: THE CONSTRUCTION OF THREE MILE ISLAND UNIT 1 IS CONSIDERED COMPLETE.

U.S. ATOMIC ENERGY COMMISSION
QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. PROJECT TITLE AND LOCATION

THREE MILE ISLAND NUCLEAR STATION UNIT 1

GOLDSBORO, PA

2. PERSON TO BE CONTACTED:

R. W. Heward
Mr. M. R. Pastor, Proj. Mgr.
GPU Service Corporation
260 Cherry Hill Road
Parsippany, N. J. 07054

3. DESIGNED POWER OUTPUT	MEGAWATTS CURRENT	PROJECTED
A. THERMAL CAPACITY OF REACTOR	2535.0	2535.0
B. ELECTRICAL CAPACITY OF PLANT, GROSS	876.0	876.0
C. ELECTRICAL CAPACITY OF PLANT, NET	819.0	819.0

4. COST DATA

A. NUCLEAR PRODUCTION PLANT (FPC UNIFORM SYSTEM OF ACCOUNTS)	ESTIMATED COST (IN THOUSANDS-$)
1. LAND AND LAND RIGHTS	172
2. STRUCTURES AND IMPROVEMENTS	117,847
3. REACTOR PLANT EQUIPMENT	160,162
4. TURBOGENERATOR	73,336
5. ACCESSORY ELECTRIC EQUIPMENT	48,282
6. MISCELLANEOUS POWER PLANT EQUIPMENT	6,551
7. TOTAL NUCLEAR PRODUCTION PLANT	406,350
8. CUMULATIVE COSTS	401,209
B. TRAINING	6,512
C. FUEL FABRICATION	CURRENT CORE
1. COST*	5,770
2. NUMBER OF ASSEMBLIES	177
3. KILOGRAMS OF U-238	79977
4. KILOGRAMS OF U-235	2161
5. OTHER (SPECIFY KGS OF TH, PU, U-233)	

* DOES __ DOES NOT __ INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-233

5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRED)

A. APPLICATION FOR CONST PERMIT	05/67	F. FIRST OPERATION AT PLANT'S DESIGNED FULL POWER	08/74
B. START OF CONST AT SITE	08/67	F. PLANT PLACED IN COMMERCIAL OPERATION	09/74
C. APPLICATION FOR FACILITY LICENSE	03/70	G. FIRST DISCHARGE OF NUCLEAR FUEL	09/76
D. FIRST CRITICALITY	06/74	H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC	01/79

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: 12/31/74

SUBMITTED BY:
NAME: R. W. Heward, Jr.
TITLE: Project Manager
SIGNATURE: R W Heward Jr

DATE: 1/15/75

U.S. ATOMIC ENERGY COMMISSION

PDU PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. PROJECT NAME AND LOCATION

THREE MILE ISLAND NUCLEAR STATION UNIT 1

GOLDSBORO, PA

2. PERSON TO BE CONTACTED:

Mr. R. W. Heward, Jr., Proj. Mgr.
260 Cherry Hill Road
GPU Service Corporation
Parsippany, N. J. 07054

3. DESIGNED POWER OUTPUT	MEGAWATTS CURRENT	MEGAWATTS PROJECTED
A. THERMAL CAPACITY OF REACTOR	2535.0	2535.0
B. ELECTRICAL CAPACITY OF PLANT, GROSS	876.0	876.0
C. ELECTRICAL CAPACITY OF PLANT, NET	819.0	819.0

4. COST DATA

A. NUCLEAR PRODUCTION PLANT (FPC UNIFORM SYSTEM OF ACCOUNTS)	ESTIMATED COST (IN THOUSANDS-$)
1. LAND AND LAND RIGHTS	172
2. STRUCTURES AND IMPROVEMENTS	116,982
3. REACTOR PLANT EQUIPMENT	159,572
4. TURBOGENERATOR	73,072
5. ACCESSORY ELECTRIC EQUIPMENT	48,132
6. MISCELLANEOUS POWER PLANT EQUIPMENT	6,531
7. TOTAL NUCLEAR PRODUCTION PLANT	404,461
8. CUMULATIVE COSTS	401,241
B. TRAINING	6,512

C. FUEL FABRICATION	CURRENT CORE
1. COSTS	5,770
2. NUMBER OF ASSEMBLIES	177
3. KILOGRAMS OF U-238	79,977
4. KILOGRAMS OF U-235	2161
5. OTHER (SPECIFY KGS OF TH, PU, U-233)	

* DOES ... ITEMS ... X ... INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-233

5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRED)

A. APPLICATION FOR CONST PERMIT	05/67	E. FIRST OPERATION AT PLANT'S DESIGNED FULL POWER	8/74
B. START OF CONST AT SITE	08/67	F. PLANT PLACED IN COMMERCIAL OPERATION	9/74
C. APPLICATION FOR FACILITY LICENSE	03/70	G. FIRST DISCHARGE OF NUCLEAR FUEL	9/76
D. FIRST CRITICALITY	06/74	H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC	1/79

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100 % AS OF: 9/30/74

SUBMITTED BY: DATE: 10/25/74

NAME: R. W. Heward, Jr.

TITLE: Project Manager

SIGNATURE: R W Heward Jr

IDENT NO: 032

FORM HQ-254 REVISED: 2/69

FORM APPROVED BUDGET BUREAU NO. 38-R107

POOR ORIGINAL

Last Report !

U.S. ATOMIC ENERGY COMMISSION
QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. PROJECT TITLE AND LOCATION

THREE MILE ISLAND NUCLEAR STATION UNIT 1

GOLDSBORO, PA 17

2. PERSON TO BE CONTACTED:
~~R. W. HEWARD JR~~
Mr. M. R. Pastor, Proj. Mgr.
GPU Service Corporation
260 Cherry Hill Road
Parsippany, N. J. 07054

3. DESIGNED POWER OUTPUT	MEGAWATTS CURRENT	PROJECTED
A. THERMAL CAPACITY OF REACTOR	2535.0	2535.0
B. ELECTRICAL CAPACITY OF PLANT, GROSS	876.0	876.0
C. ELECTRICAL CAPACITY OF PLANT, NET	819.0	819.0

4. COST DATA

	ESTIMATED COST (IN THOUSANDS-$)	
A. NUCLEAR PRODUCTION PLANT (FPC UNIFORM SYSTEM OF ACCOUNTS)		
1. LAND AND LAND RIGHTS	175	SAME
2. STRUCTURES AND IMPROVEMENTS	117,427	
3. REACTOR PLANT EQUIPMENT	160,628	
4. TURBOGENERATOR	74,092	
5. ACCESSORY ELECTRIC EQUIPMENT	45,118	
6. MISCELLANEOUS POWER PLANT EQUIPMENT	6,247	
7. TOTAL NUCLEAR PRODUCTION PLANT	407,697	↓
B. CUMULATIVE COSTS	277,503	394 347
TRAINING	8,512	
C. FUEL FABRICATION	CURRENT CORE	
1. COST*	5,770	SAME
2. NUMBER OF ASSEMBLIES	177	
3. KILOGRAMS OF U-238	82139	
4. KILOGRAMS OF U-235	2161	↓
5. OTHER (SPECIFY KGS OF TH, PU, U-233)		

* DOES __ DOES NOT __ INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-233

5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRED)

A. APPLICATION FOR CONST PERMIT	05/67	E. FIRST OPERATION AT PLANT'S DESIGNED FULL POWER	07/74
B. START OF CONST AT SITE	08/67	F. PLANT PLACED IN COMMERCIAL OPERATION	10/74
C. APPLICATION FOR FACILITY LICENSE	12/70	G. FIRST DISCHARGE OF NUCLEAR FUEL	08/75
D. FIRST CRITICALITY	05/74 06	H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC	04/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 99.9 ~~99.2~~ % AS OF: JUNE 30, 1974

SUBMITTED BY
NAME: R W Heward Jr RW HEWARD JR
TITLE: Proj Mgr
SIGNATURE:

DATE: 7-22-74

IDL NO: 032

FORM HO-254
REVISED: 2/69

FORM APPROVED BUDGET
BUREAU NO. 38-R107

U.S. ATOMIC ENERGY COMMISSION
QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. PROJECT TITLE AND LOCATION

THREE MILE ISLAND NUCLEAR STATION UNIT 1

GOLDSBORO, PA

47

2. PERSON TO BE CONTACTED:

R. W. Heward, Jr., Project Manager
GPU Serv. Corp., 260 Cherry Hill R
Parsippany, N. J. 07054

3. DESIGNED POWER OUTPUT (MEGAWATTS)

	CURRENT	PROJECTED
A. THERMAL CAPACITY OF REACTOR	2535.0	2535.0
B. ELECTRICAL CAPACITY OF PLANT, GROSS	876.0	876.0
C. ELECTRICAL CAPACITY OF PLANT, NET	819.0	819.0

4. COST DATA

	ESTIMATED COST (IN THOUSANDS-$)	
A. NUCLEAR PRODUCTION PLANT (FPC UNIFORM SYSTEM OF ACCOUNTS)		
1. LAND AND LAND RIGHTS	172	175
2. STRUCTURES AND IMPROVEMENTS	111,251	117427
3. REACTOR PLANT EQUIPMENT	157,360	160638
4. TURBOGENERATOR	73,479	74092
5. ACCESSORY ELECTRIC EQUIPMENT	44,967	49118
6. MISCELLANEOUS POWER PLANT EQUIPMENT	5,516	6247
7. TOTAL NUCLEAR PRODUCTION PLANT	392,745	407697
8. CUMULATIVE COSTS	356,159	377903
B. TRAINING	7,450	8512
C. FUEL FABRICATION	CURRENT CORE	
1. COST*	5,770	
2. NUMBER OF ASSEMBLIES	177	
3. KILOGRAMS OF U-238	82139	
4. KILOGRAMS OF U-235	2161	
5. OTHER (SPECIFY KGS OF TH, PU, U-233)		

POOR ORIGINAL

* DOES __ DOES NOT __ INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-233

5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRED

A. APPLICATION FOR CONST PERMIT	05/67	E. FIRST OPERATION AT PLANT'S DESIGNED FULL POWER	07/74 ~~05/74~~
B. START OF CONST AT SITE	08/67	F. PLANT PLACED IN COMMERCIAL OPERATION	10/74
C. APPLICATION FOR FACILITY LICENSE	03/70	G. FIRST DISCHARGE OF NUCLEAR FUEL	08/75
D. FIRST CRITICALITY	~~04/74~~ 05/74	H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC	04/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION ~~98.0~~ 99.2 % AS OF: 3/31/74

SUBMITTED BY:

NAME: GPU Service Corporation

TITLE: Project Manager

SIGNATURE: R W Heward

DATE: 4/26/74

CENT NO: 032

FORM HQ-254
REVISED: 2/69

FORM APPROVED BUDGET
BUREAU NO. 38-R107

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station Unit 1
Dauphin County, Londonderry Twsp., Pa.
(2-½ miles south of Middletowr

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manage
GPU Service Corporation, 260 Cherry Hill Road, Parsippany, N.J. 07054
Phone: 201-334-7888 X611

3. DESIGNED POWER OUTPUT: (initial core)	Megawatts Initial	Megawatts Project
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

POOR ORIGINAL

a. Nuclear Production Plant (include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	ESTIMATED COST (in thousands) $
1. Land and land rights	172
2. Structures and improvements	111,251
3. Reactor plant equipment	157,360
Turbogenerator	73,749
5. Accessory electric equipment	44,967
6. Miscellaneous power plant equipment	5,516
7. Total Nuclear Production Plant	$ 392,745
8. Cumulative costs to date	$ 356,159
b. Training	$ 7,450
c. Research and Development	$ 0

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 5,770	$	$ 1792
2. Number of assemblies	177		56
3. Kilograms of U-238	82,139		25128
4. Kilograms of U-235	2,161		836
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does / / Does Not /x/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	6/74
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	10/74
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	8/75
d. First criticality	4/74	h. First shipment of irradiated nuclear fuel for reprocessing	4/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF 12/31/73 — 98%

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager
DATE 1/15/74
Organization GPUService Corporation
Signature R. W. Heward Jr.

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:

Three Mile Island Nuclear Station Unit 1
Dauphin County, Londonderry Township, Pa. 47
(2-1/2 miles south of Middletown)

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)

Mr. R. W. Heward, Jr., Project Manager
GPU Service Corporation
260 Cherry Hill Road, Parsippany, N. J. 07054
Phone: 201-334-7888 X610

		Megawatts Initial	Projecte
3.	DESIGNED POWER OUTPUT: (initial core)		
	a. Thermal capacity of reactor.....	2535	
	b. Electrical capacity of plant, gross.....	876	
	c. Electrical capacity of plant, net.....	819	

		ESTIMATED COST (in thousands)
4.	COST DATA:	
a.	Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
	1. Land and land rights	172
	2. Structures and improvements	111,251
	3. Reactor plant equipment	157,360
	Turbogenerator	73,479
	5. Accessory electric equipment	44,967
	6. Miscellaneous power plant equipment	5,516
	7. Total Nuclear Production Plant	$ 392,745
	8. Cumulative costs to date	$ 333,072
b.	Training	$ 7,450
c.	Research and Development	0

d. Fuel Fabrication	Initial Core	Spares	Reload
1. Cost*, thousands of dollars	$ 5,770	$	$ 1,792
2. Number of assemblies	177		56
3. Kilograms of U-238	82,139		25,128
4. Kilograms of U-235	2,161		836
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	6/74
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	8/74
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	8/75
d. First criticality	4/74	h. First shipment of irradiated nuclear fuel for reprocessing	4/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF 9/30/73 95 %

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager

DATE 10/15/73
Organization GPU Service Corporation
Signature R. W. Heward

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:

47

Three Mile Island Nuclear Station Unit 1
Dauphin County, Londonderry Township, Pa.
(2-1/2 miles south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)

Mr. R. W. Heward, Jr., Project Manager
GPU Service Corporation
260 Cherry Hill Road, Parsippany, NJ 07054
Phone: 201-334-7888 X610

	Megawatts Initial	Projecte
3. DESIGNED POWER OUTPUT: (initial core)		
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	172
2. Structures and improvements	111,251
3. Reactor plant equipment	157,360
Turbogenerator	73,479
5. Accessory electric equipment	44,967
6. Miscellaneous power plant equipment	5,516
7. Total Nuclear Production Plant	$ 392,745
8. Cumulative costs to date	$ 314,414
b. Training	$ 7,450
c. Research and Development	$ 0

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 5,770	$	$ 1,792
2. Number of assemblies	177		56
3. Kilograms of U-238	82,139		25,128
4. Kilograms of U-235	2,161		836
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does [ ] Does Not [X] include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	6/74
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	8/74
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	8/75
d. First criticality	4/74	h. First shipment of irradiated nuclear fuel for reprocessing	4/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF 6/30/73 — 93

SUBMITTED BY:

Name R. W. Heward, Jr.
Title Project Manager

DATE 7/17/73
Organization GPU Service Corporation
Signature R. W. Heward Jr.

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Generating Station Unit 1
Middletown, Pennsylvania 17051

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manager
GPU Service Corporation
260 Cherry Hill Road, Parsippany, N. J. 07054
Phone: (201)334-7888 X610

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Megawatts Projected
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

POOR ORIGINAL

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	175
2. Structures and improvements	111,871
3. Reactor plant equipment	138,080
4. Turbogenerator	72,810
. Accessory electric equipment	44,472
. Miscellaneous power plant equipment	5,306
7. Total Nuclear Production Plant	$ 372,714
8. Cummulative costs to date	$ 299,911
b. Training	$ 7,450
c. Research and Development	$ 0

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 5,770	$	$ 1,792
2. Number of assemblies	177		56
3. Kilograms of U-238	82,139		25,128
4. Kilograms of U-235	2,161		836
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /_/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	5/74
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	7/74
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	7/75
d. First criticality	3/74	h. First shipment of irradiated nuclear fuel for reprocessing	3/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF 3/31/73 — 91 %

SUBMITTED BY:
Name: R. W. Heward, Jr.
Title: Project Manager
Organization: GPU Service Corporation
Signature: R W Heward Jr
DATE: April 25, 1973

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budge
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT: 47
Three Mile Island Nuclear Station Unit 1
Dauphin County, Londonderry Township,
Pennsylvania (about 2½ miles south of
Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Titl and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manager
GPU Service Corp., 260 Cherry Hill Road,
Parsippany, N. J. 07054
Phone: (201) 539-7888 X61

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Projected
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 173
2. Structures and improvements	108,800
3. Reactor plant equipment	133,300
4. Turbogenerator	72,400
5. Accessory electric equipment	43,000
6. Miscellaneous power plant equipment	5,219
7. Total Nuclear Production Plant	$ 362,892
8. Cumulative costs to date	$ 281,777
b. Training	$ 5,584
c. Research and Development	$ 0

d. Fuel Fabrication

	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 5,770	$	$ 1,792
2. Number of assemblies	177		56
3. Kilograms of U-238	79,911		25,128
4. Kilograms of U-235	2,153		836
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /_/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	12/31/73
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	5/31/74
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	6/75
d. First criticality	10/31/73	h. First shipment of irradiated nuclear fuel for reprocessing	1/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF 12/31/72 — 93 %

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager
DATE 1/12/73
Organization GPU Service Corporation
Signature R. W. Heward Jr.

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT: 47
Three Mile Island Nuclear Station Unit #1
Dauphin County, Londonderry Township,
Pennsylvania (About 2-½ miles south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manager
GPU Service Corp., 260 Cherry Hill Road,
Parsippany, N. J. 07054
Phone: 201-539-7888 X610

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Projected
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

POOR ORIGINAL

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 173
2. Structures and improvements	103,800
3. Reactor plant equipment	133,300
4. Turbogenerator	72,400
5. Accessory electric equipment	43,000
6. Miscellaneous power plant equipment	5,219
7. Total Nuclear Production Plant	$ 362,892
8. Cumulative costs to date	$ 269,985
b. Training	$ 3,900
c. Research and Development	$ 0

d. Fuel Fabrication

	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 5,770	$	$ 1,792
2. Number of assemblies	177		56
3. Kilograms of U-238 in fuel	79,911		25,128
4. Kilograms of U-235 in fuel	2,153		836
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	12/31/73
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	5/31/74
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	6/75
d. First criticality	10/31/73	h. First shipment of irradiated nuclear fuel for reprocessing	1/76

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF 9/30/72 90 %

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager
Organization GPU Service Corporation
Signature R W Heward Jr
DATE 10/27/72

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

47

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station Unit #1
Dauphin County, Londonderry Township,
Pennsylvania (approx. 2-½ miles south of
Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manager
GPU Service Corp., 260 Cherry Hill Road
Parsippany, N. J. 07054
Phone: 201-539-7888 X610

	Megawatts Initial	Projected
3. DESIGNED POWER OUTPUT: (initial core)		
a. Thermal capacity of reactor.....	2835	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	167
2. Structures and improvements	98,898
3. Reactor plant equipment	117,867
4. Turbogenerator	69,784
5. Accessory electric equipment	36,398
6. Miscellaneous power plant equipment	4,778
7. Total Nuclear Production Plant	$ 327,812
8. Cumulative costs to date	$ 249,205
b. Training	$ 2,145
c. Research and Development	$ 0

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	9/73
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	11/30/73
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	5/15/75
d. First criticality	5/15/73	h. First shipment of irradiated nuclear fuel for reprocessing	10/15/75

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 30, 1972 — 86 %

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager
Organization GPU Service Corporation
Signature R. W. Heward, Jr.
DATE July 14, 1972

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT: 47
Three Mile Island Nuclear Station Unit #1
Dauphin County, Londonderry Township,
Pennsylvania (approx. 2-½ miles south of
Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manager
GPU Service Corporation, 260 Cherry Hill Rd
Parsippany, N. J. 07054
Phone: 201-539-7888

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Projected
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	157
2. Structures and improvements	87,722
3. Reactor plant equipment	107,824
4. Turbogenerator	64,973
5. Accessory electric equipment	31,810
6. Miscellaneous power plant equipment	3,599
7. Total Nuclear Production Plant	$ 296,085
8. Cumulative costs to date	$ 229,624
b. Training	$ 1,600
c. Research and Development	$ 0

d. Fuel Fabrication

	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	9/73
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	11/30/73
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	5/15/75
d. First criticality	5/15/73	h. First shipment of irradiated nuclear fuel for reprocessing	10/15/75

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 31, 1972 80% %

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager
Organization GPU Service Corporation
Signature
DATE April 14, 1972

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budge
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT: 47
Three Mile Island Nuclear Station Unit #1
Dauphin County, Londonderry Township,
Pennsylvania (Approx. 2½ miles south of
Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Titl and Address Including ZIP Code)
Mr. R. W. Heward, Jr., Project Manager
GPU Service Corporation
260 Cherry Hill Road, Parsippany, N.J.
07054
Phone: 201-539-7888

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Projected
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	876	
c. Electrical capacity of plant, net.....	819	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	157
2. Structures and improvements	87,722
3. Reactor plant equipment	107,824
4. Turbogenerator	64,973
5. Accessory electric equipment	31,810
6. Miscellaneous power plant equipment	3,599
7. Total Nuclear Production Plant	$ 296,085
8. Cummulative costs to date (as of 12/30/71)	$ 211,235
b. Training	$ 1,600
c. Research and Development	$ 0

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	9/73
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	11/30/73
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	5/15/75
d. First criticality	5/15/73	h. First shipment of irradiated nuclear fuel for reprocessing	10/15/75

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF December 30, 1971 — 76 %

SUBMITTED BY:
Name R. W. Heward, Jr.
Title Project Manager
Organization GPU Service Corporation
DATE January 15, 1972
Signature R W Heward Jr

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Form AEC-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station - Unit No. 1
Dauphin County
Londonderry Township, Pennsylvania
Approx. 2½ miles south of Middletown, Pa.

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
J. G. Miller, Vice President
Metropolitan Edison Company
Reading, Penna. 19603
Phone: 215-929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts ~~Contract~~	~~Projected~~
a. Thermal capacity of reactor.....	2535	
b. Electrical capacity of plant, gross.....	871	
c. Electrical capacity of plant, net.....	831	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	157
2. Structures and improvements	87,758
3. Reactor plant equipment	109,755
4. Turbogenerator	66,524
5. Accessory electric equipment	28,146
6. Miscellaneous power plant equipment	3,745
7. Total Nuclear Production Plant	$296,085
8. Cumulative costs to date (As of 9/30/71)	$192,696
b. Training	$ 1,600
c. Research and Development	$

d. Fuel Fabrication

	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5-3-67	e. First operation at plant's design full power	9-73
b. Start of construction at site	8-1-67	f. Plant placed in commercial operation	11-30-73
c. Application for facility license	5-3-67	g. First discharge of nuclear fuel	5-15-75
d. First criticality	5-15-73	h. First shipment of irradiated nuclear fuel for reprocessing	10-15-75

PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF September 15, 1971 67.0 %

SUBMITTED BY:
Name J. G. Miller
Title Vice President
Organization Metropolitan Edison Company
Signature J. G. Miller
DATE October 15, 1971

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Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station - Unit No. 1
Dauphin County
Londonderry Township, Pennsylvania
Approx. 2½ miles south of Middletown, Pa.

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2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
J. G. Miller
Vice-President
Metropolitan Edison Company
Reading, Pa. Phone: 215-929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts
a. Thermal capacity of reactor.....	2535
b. Electrical capacity of plant, gross.....	871
c. Electrical capacity of plant, net.....	831

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	155
2. Structures and improvements	77,749
3. Reactor plant equipment	97,231
4. Turbogenerator	64,525
5. Accessory electric equipment	19,767
6. Miscellaneous power plant equipment	2,277
7. Total Nuclear Production Plant	$ 261,704
8. Cumulative costs to date	$ 175,019
b. Training	$ 1,000
c. Research and Development	$

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5-3-67	e. First operation at plant's design full power	9-72
b. Start of construction at site	8-1-67	f. Plant placed in commercial operation	11-72
c. Application for facility license	5-3-67	g. First discharge of nuclear fuel	5-15-7
d. First criticality	5-15-72	h. First shipment of irradiated nuclear fuel for reprocessing	10-15-

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 15, 1971 67.5

SUBMITTED BY:
Name J. G. Miller
Title Vice President

DATE July 15, 1971
Organization Metropolitan Edison Company
Signature J G Miller

254
2/69

U.S. ATOMIC ENERGY COMMISSION

Form Approved Budge
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION AIA.53

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station - Unit 1
Dauphin County
Londonderry Township, Pennsylvania
Approx. 2½ miles south of Middletown, Pa.

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
J. G. Miller
Vice-President and Chief Engineer
Metropolitan Edison Company
Reading, Pa. 19603 Phone: 215-926-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts
a. Thermal capacity of reactor.....	2535
b. Electrical capacity of plant, gross.....	871
c. Electrical capacity of plant, net.....	831

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 155
2. Structures and improvements	77,749
3. Reactor plant equipment	97,231
4. Turbogenerator	64,525
Accessory electric equipment	19,767
Miscellaneous power plant equipment	2,277
7. Total Nuclear Production Plant	$ 261,704
8. Cummulative costs to date	$ 164,539
b. Training	$ 1,000
c. Research and Development	$

d. Fuel Fabrication

	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5-3-67	e. First operation at plant's design full power	9-72
b. Start of construction at site	8-1-67	f. Plant placed in commercial operation	11-72
c. Application for facility license	5-3-67	g. First discharge of nuclear fuel	5-15-74
d. First criticality	5-15-72	h. First shipment of irradiated nuclear fuel for reprocessing	10-15-74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 15, 1971 67.5 %

SUBMITTED BY:
Name J. G. Miller
Title Vice-President and Chief Engr.
Organization Metropolitan Edison Company
Signature J. G. Miller
DATE April 15, 1971

Form HQ-254
Revised: 2/69

S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION AA-53

1. OFFICIAL TITLE AND LOCATION
PROJECT:
Three Mile Island Nuclear Station-Unit No. 1
Dauphin County
Londonderry Township, Pennsylvania
Approx. 2 ½ miles south of Middletown, Pa.

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
J. G. Miller
Vice-President and Chief Engineer
Metropolitan Edison Company
Reading, Pa. Phone: 215-929-3601

3. DESIGNED POWER OUTPUT: (initial core)	Megawatts Initial	Projected
a. Thermal capacity of reactor.....	2535	2535
b. Electrical capacity of plant, gross.....	871	871
c. Electrical capacity of plant, net.....	831	831

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	155
2. Structures and improvements	77,749
3. Reactor plant equipment	97,231
4. Turbogenerator	64,525
Accessory electric equipment	19,767
Miscellaneous power plant equipment	2,277
7. Total Nuclear Production Plant	$ 261,704
8. Cummulative costs to date	$ 146,363
b. Training	$ 1,000
c. Research and Development	$

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/03/67	e. First operation at plant's design full power	8/31/
b. Start of construction at site	8/01/67	f. Plant placed in commercial operation	10/31/
c. Application for facility license	5/03/67	g. First discharge of nuclear fuel	5/15/
d. First criticality	5/15/72	h. First shipment of irradiated nuclear fuel for reprocessing	10/15/

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF Dec. 15, 1970 59.5 %

SUBMITTED BY:
Name J. G. Miller
Title Vice-President & Chief Engineer
Organization Metropolitan Edison Company
Signature J. G. Miller
DATE January 15, 1971

METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603 TELEPHONE 215 - 929-3601

January 15, 1971

Chief, Reports Staff
Assistant General Manager for Reactors
U. S. Atomic Energy Commission
Washington, D.C. 20545

Re: Report for Quarter Ended
December 31, 1970
Three Mile Island Nuclear Station
Units No. 1 and No. 2

Dear Sir:

In response to the request presented in Mr. Milton Shaw's letter of December 15, 1970 to Mr. J. G. Miller, we are enclosing the original copy of the subject report for each unit.

Please note that the figures listed for Unit No. 1 designed power output, initial and projected, differ from those listed in previous reports. This is in accordance with the TMI Unit 1 FSAR filed on March 2, 1970 with the Atomic Energy Commission.

Very truly yours,

J. G. Miller
Vice-President and Chief Engineer

JGM:BAR:dcd

cc: Mr. G. F. Bierman

HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION A/A.53

OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station - Unit No. 1
Dauphin County
Londonderry Township, Pennsylvania
Approx. 2 ½ mi. south of Middletown, Pa.

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
John G. Miller
Vice President and Chief Engineer
Metropolitan Edison Company P.O.Box 542
Reading, Pa. Phone: 215-929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Projected
a. Thermal capacity of reactor.....	2,452	2,535
b. Electrical capacity of plant, gross.....	845	871
c. Electrical capacity of plant, net.....	810	831

4. COST DATA:

a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).

	ESTIMATED COST (in thousands) $
1. Land and land rights	110
2. Structures and improvements	58,568
3. Reactor plant equipment	71,165
4. Turbogenerator	53,821
5. Accessory electric equipment	11,959
6. Miscellaneous power plant equipment	1,679
7. Total Nuclear Production Plant	$ 197,302
8. Cummulative costs to date	$ 122,764,293.99
b. Training	$ 800
c. Research and Development	$

d. Fuel Fabrication

	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/03/67	e. First operation at plant's design full power	8/31/72
b. Start of construction at site	8/01/67	f. Plant placed in commercial operation	10/31/72
c. Application for facility license	5/03/67	g. First discharge of nuclear fuel	5/15/74
d. First criticality	5/15/72	h. First shipment of irradiated nuclear fuel for reprocessing	10/15/74

PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF September 15, 1970 54.5 %

SUBMITTED BY:
Name J. G. Miller
Title Vice President & Chief Engineer
DATE October 15, 1970
Organization Metropolitan Edison Company
Signature J. G. Miller

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U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

A/A-53

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION
PROJECT:
Three Mile Island Nuclear Station-Unit No. 1
Dauphin County
Londonderry Township, Pennsylvania
(Approx. 2-1/2 mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
John G. Miller
Vice-President and Chief Engineer
Metropolitan Edison Company, P.O. Box 542
Reading, Pa. 19603 Phone: 215-929-3601

3. DESIGNED POWER OUTPUT: (initial core) — Kilowatts

	Initial	Projected
a. Thermal capacity of reactor.....	2,452,000	2,535,000
b. Electrical capacity of plant, gross.....	845,000	871,000
c. Electrical capacity of plant, net.....	810,000	831,000

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 170
2. Structures and improvements	52,970
3. Reactor plant equipment	65,790
4. Turbogenerator	52,370
Accessory electric equipment	11,510
Miscellaneous power plant equipment	1,420
7. Total Nuclear Production Plant	$ 184,230
8. Cummulative costs to date	$ 83,616
b. Training	$ 1,215
c. Research and Development	$

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/03/67	e. First operation at plant's design full power	5/72
b. Start of construction at site	8/01/67	f. Plant placed in commercial operation	7/72
c. Application for facility license	5/03/67	g. First discharge of nuclear fuel	2/74
d. First criticality	2/15/72	h. First shipment of irradiated nuclear fuel for reprocessing	7/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 15, 1970 46 %

SUBMITTED BY:
NAME J. G. Miller
TITLE Vice-President & Chief Engineer
DATE July 15, 1970
Organization Metropolitan Edison Company
Signature

Form HQ-254
Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

A/A.53

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION
PROJECT:
Three Mile Island Nuclear Station-Unit #1
Dauphin County
Londonderry Township, Pennsylvania
(Approx. 2-1/2 mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
John G. Miller
Vice President and Chief Engineer
Metropolitan Edison Company P.O. Box 542
Reading, Pa. Phone: 215-929-3601

		Initial	Projected
		19603 Megawatts	
3.	DESIGNED POWER OUTPUT: (initial core)		
	a. Thermal capacity of reactor.....	2,452,000	2,535,000
	b. Electrical capacity of plant, gross.....	845,000	871,000
	c. Electrical capacity of plant, net.....	810,000	831,000

4. COST DATA:

		ESTIMATED COST (in thousands)
a.	Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
	1. Land and land rights	170
	2. Structures and improvements	52,970
	3. Reactor plant equipment	65,790
	4. Turbogenerator	52,370
	Accessory electric equipment	11,510
	Miscellaneous power plant equipment	1,420
	7. Total Nuclear Production Plant	$ 184,230
	8. Cummulative costs to date	$ 63,137
b.	Training	$ 1,215
c.	Research and Development	$

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a.	Application for construction permit — 5/03/67	e.	First operation at plant's design full power — 3/31/72
b.	Start of construction at site — 8/01/67	f.	Plant placed in commercial operation — 5/31/72
c.	Application for facility license — 5/03/67	g.	First discharge of nuclear fuel — 12/15/73
d.	First criticality — 12/15/71	h.	First shipment of irradiated nuclear fuel for reprocessing — 5/15/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 15, 1970 — 37.5 %

SUBMITTED BY:
Name: John G. Miller
Title: Vice President and Chief Engineer
DATE April 14, 1970
Organization: Metropolitan Edison Company
Signature: John G. Miller

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U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

A1A-53

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION
PROJECT:
Three Mile Island Nuclear Station-Unit No. 1
Dauphin County
Londonderry Township, Pennsylvania
(Approx. 2-1/2 mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
John G. Miller
Vice President and Chief Engineer
Metropolitan Edison Company P. O. Box 542
Reg., Pa. Phone: 215-929-3601

19603

	Megawatts Initial	Megawatts Projected
3. DESIGNED POWER OUTPUT: (initial core)		
a. Thermal capacity of reactor.....	2,535,000	
b. Electrical capacity of plant, gross.....	871,000	
c. Electrical capacity of plant, net.....	831,000	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	$
1. Land and land rights	170
2. Structures and improvements	50,890
3. Reactor plant equipment	64,780
4. Turbogenerator	51,700
. Accessory electric equipment	11,050
. Miscellaneous power plant equipment	1,380
7. Total Nuclear Production Plant	$ 179,970
8. Cummulative costs to date	$ 4,129,000
b. Training	$ 1,210
c. Research and Development	$

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	3/31/7
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	5/31/7
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	12/15/7
d. First criticality	12/15/71	h. First shipment of irradiated nuclear fuel for reprocessing	5/15/7

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF December 15, 1969 26.5

SUBMITTED BY:
Name John G. Miller Organization Metropolitan Edison Company
Title Vice President and Chief Engineer Signature

DATE January 9, 1970

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Revised: 2/69

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

A/A 53

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station-Unit #1
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
John G. Miller
Vice President & Chief Engineer
Metropolitan Edison Company, P.O.Box 542
Reading, Pa. 19603 Phone: 215-929-3601

	Megawatts Initial	Megawatts Projected
3. DESIGNED POWER OUTPUT: (initial core)		
a. Thermal capacity of reactor.....	2,535,000	
b. Electrical capacity of plant, gross.....	871,000	
c. Electrical capacity of plant, net.....	831,000	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 160
2. Structures and improvements	45,190
3. Reactor plant equipment	57,810
4. Turbogenerator	47,890
. Accessory electric equipment	9,720
. Miscellaneous power plant equipment	1,330
7. Total Nuclear Production Plant	$ 162,100
8. Cummulative costs to date	$ 42,447
b. Training	$ 1,180
c. Research and Development	$

POOR ORIGINAL

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	3/31/72
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	5/31/72
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	12/15/73
d. First criticality	12/15/71	h. First shipment of irradiated nuclear fuel for reprocessing	5/15/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF October 15, 1969 23 %

SUBMITTED BY:
N. Ralph E. Neidig
T. Vice President Engineering

DATE October 8, 1969
Organization Metropolitan Edison Company
Signature

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U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION
(a) PROJECT:
Three Mile Island Nuclear Station - Unit #1
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2 1/2 mi. South of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Co., P.O. Box 542
Reading, Pa. 19603 Phone: 215-929-3601

	Megawatts Initial	Megawatts Projected
3. DESIGNED POWER OUTPUT: (initial core)		
a. Thermal capacity of reactor.....	2,535,000	
b Electrical capacity of plant, gross.....	871,000	
c. Electrical capacity of plant, net.....	831,000	

4. COST DATA:	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 155
2. Structures and improvements	44,460
3. Reactor plant equipment	58,050
4. Turbogenerator	48,480
. Accessory electric equipment	9,660
. Miscellaneous power plant equipment	1,310
7. Total Nuclear Production Plant	$ 162,115
8. Cummulative costs to date	$ 31,925
b. Training	$ 1,170
c. Research and Development	$

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ 6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-238	80,780		25,380
4. Kilograms of U-235	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	7/15/71
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	9/15/71
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	4/1/73
d. First criticality	4/1/71	h. First shipment of irradiated nuclear fuel for reprocessing	9/1/73

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 15, 1969 — 18 %

DATE July 10, 1969

SUBMITTED BY:
Name: Ralph E. Neidig
Title: Vice President Engineering
Organization: Metropolitan Edison Company
Signature: Ralph E. Neidig

METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603 TELEPHONE 215 – 929-3601

July 10, 1969

Chief, Reports Staff
Assistant General Manager for Reactors
U.S. Atomic Energy Commission
Washington, D.C. 20545

Subject: Report for Quarter Ended June 30, 1969
Three Mile Island Nuclear Station - Unit No. 1

Dear Sir:

In complying with the request of Mr. George M. Kavanagh, Assistant General Manager for Reactors, Atomic Energy Commission, in his letter of June 12, 1969, we are enclosing an original of the subject report.

Very truly yours,

R. E. Neidig
Vice President Engineering

REN:dcm

Enclosure

REACTOR ADMINISTRATION
JUL 14 1969

RDT:D		
RDT:AD		
RDT:PM		
RDT:AT		
RDT:		
RDT:VP		
RDT:EA		
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U.S. ATOMIC ENERGY COMMISSION

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Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION A/A.5

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station-Unit #1
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542, Reading, Pa. 19603
Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Megawatts Initial	Project
a. Thermal capacity of reactor.....	2,535,000	
b. Electrical capacity of plant, gross.....	871,000	
c. Electrical capacity of plant, net.....	831,000	

4. COST DATA:

	ESTIMATED COST (in thousands)
a. Nuclear Production Plant (Include the costs of engineering services supplied by other companies, engineering and supervision performed by the utility, and administrative and general expenses, taxes, insurance and interest during construction to the extent permitted under Electric Plant Instructions of the FPC Uniform Systems of Accounts. Exclude step-up transformer, switchyard, transmission and distribution systems).	
1. Land and land rights	$ 200
2. Structures and improvements	39,255
3. Reactor plant equipment	54,230
Turbogenerator	46,945
5. Accessory electric equipment	8,540
6. Miscellaneous power plant equipment	1,285
7. Total Nuclear Production Plant	$ 150,455
8. Cummulative costs to date	$ 22,632
b. Training	$ 960
c. Research and Development	

d. Fuel Fabrication	Initial Core	Spares	First Reload
1. Cost*, thousands of dollars	$ $6,549	$	$ 1,820
2. Number of assemblies	177		56
3. Kilograms of U-235	80,780		25,380
4. Kilograms of U-233	2,150		820
5. Other (specify kgs of Th, Pu, U-233)	0		0

*Does /_/ Does Not /X/ include costs of uranium, thorium, plutonium or U-233.

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Application for construction permit	5/3/67	e. First operation at plant's design full power	7/15/7
b. Start of construction at site	8/1/67	f. Plant placed in commercial operation	9/15/7
c. Application for facility license	5/3/67	g. First discharge of nuclear fuel	4/1/73
d. First criticality	4/1/71	h. First shipment of irradiated nuclear fuel for reprocessing	9/1/73

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 31, 1969 13 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering
Organization Metropolitan Edison Company
Signature Ralph E. Neidig
DATE April 10, 1969

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Revised 9/67

U. S. ATOMIC ENERGY COMMISSION

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QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station-Unit #1
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O.Box 542, Reading, Pa. 19603
Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Kilowatts Initial	Projected
a. Thermal capacity of reactor.....	2,535,000	
b. Electrical capacity of plant, gross.....	871,000	
c. Electrical capacity of plant, net.....	831,000	
d. Nameplate rating of turbogenerator (s)....	837,400	
e. Neutron flux, maximum n/cm^2 sec.....		

4. COST DATA:

	TOTAL ESTIMATED COST	CUMULATIVE THRU December 31, 1968 (date)
	(in thousands)	
a. Nuclear Production Plant		
1. Land and land rights	200	xx
2. Structures and improvements	39,255	xx
3. Reactor plant equipment	54,230	xx
4. Turbogenerator	46,945	xx
5. Accessory electric equipment	8,540	xx
6. Miscellaneous power plant equipment	1,285	xx
Total Nuclear Production Plant	150,455	
b. General Plant		
c. Total Plant	150,455	16,412
d. Training	960	
e. Research and Development		
f. Fuel Fabrication (initial core & spares)		
1. Cost		
2. Number of assemblies (including spares)	6,770	
3. Total Kgs of fertile U. 80,731 Pu. 0		177 Th. 0
4. Total Kgs of fissile U. 2,422 Pu. 0		

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	4/1/71
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	7/15/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	9/15/71
d. Start of construction at site	8/1/67	i. First discharge of nuclear fuel	4/1/73
e. Construction essentially completed	4/1/71	j. First shipment of irradiated nuclear fuel for reprocessing	9/1/73

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF December 31, 1968 9 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering
DATE January 15, 1969
Organization Metropolitan Edison Company
Signature

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9/67

U. S. ATOMIC ENERGY COMMISSION

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QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542, Reading, Pa. 19603
Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Kilowatts Initial	Kilowatts Projected
a. Thermal capacity of reactor	2,535,000	
b. Electrical capacity of plant, gross	871,000	
c. Electrical capacity of plant, net	831,000	
d. Nameplate rating of turbogenerator (s)	837,400	
e. Neutron flux, maximum n/cm² sec		

4. COST DATA:

	TOTAL ESTIMATED COST	CUMULATIVE THRU Sept. 30, 19[illegible] (date)
	(in thousands)	
a. Nuclear Production Plant		
1. Land and land rights	28	xx
2. Structures and improvements	27,502	xx
3. Reactor plant equipment	46,725	xx
4. Turbogenerator	41,423	xx
5. Accessory electric equipment	7,584	xx
6. Miscellaneous power plant equipment	1,107	xx
Total Nuclear Production Plant	124,369	
b. General Plant	-	
c. Total Plant	124,369	10,824
d. Training	892	
e. Research and Development	-	
f. Fuel Fabrication (initial core & spares)		
1. Cost	6,370	
2. Number of assemblies (including spares)		177
3. Total Kgs of fertile U. 80,731	Pu. 0	Th. 0
4. Total Kgs of fissile U. 2,422	Pu. 0	

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	8/1/67	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/[illegible]4

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF September 30, 1968 5 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering
DATE October 17, 1968
Organization Metropolitan Edison Company
Signature [signature]

METROPOLITAN EDISON COMPANY

P. O. BOX 542
READING, PENNSYLVANIA 19603

R. E. NEIDIG
VICE PRESIDENT

October 17, 1968

Chief
Accounting Reports Branch
Office of the Comptroller
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Sir:

Subject: Report for Quarter Ended September 30, 1968 - Three Mile Island Nuclear Station

In complying with the request of Mr. John P. Abbadessa, Controller, Atomic Energy Commission, in his letter of September 16, 1968, we're enclosing an original and a carbon copy of the subject report. Please note since our last report we have changed the basis for calculating our percentage of physical construction completion (Item 6 on the report). The 5% completion reported now is based on this new formula and is not an error in reporting.

Very truly yours,

R. E. Neidig

REN:D
Enclosure

Form HQ-254
Revised 9/67

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O.Box 542, Reading, Pa. 19603
Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Kilowatts Initial	Kilowatts Projected
a. Thermal capacity of reactor.....	2,535,000	
b. Electrical capacity of plant, gross.....	871,000	
c. Electrical capacity of plant, net.....	831,000	
d. Nameplate rating of turbogenerator (s)....	837,400	
e. Neutron flux, maximum n/cm^2 sec.....		

4. COST DATA:

	TOTAL ESTIMATED COST (in thousands)	CUMULATIVE THRU June 30, 1968 (date) (in thousands)
a. Nuclear Production Plant		
1. Land and land rights	28	xx
2. Structures and improvements	27,502	xx
Reactor plant equipment	46,725	xx
4. Turbogenerator	41,423	xx
5. Accessory electric equipment	7,584	xx
6. Miscellaneous power plant equipment	1,107	xx
Total Nuclear Production Plant	124,369	
b. General Plant	-	
c. Total Plant	124,369	6,295
d. Training	892	
e. Research and Development	-	
f. Fuel Fabrication (initial core & spares)		
1. Cost	6,370	
2. Number of assemblies (including spares)		177
3. Total Kgs of fertile U. 80,731	Pu. 0	Th. 0
4. Total Kgs of fissile U. 2.422	Pu. 0	

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	8/1/67	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 30, 1968 7 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering

DATE July 17, 1968
Organization Metropolitan Edison Company
Signature

Form HQ-254
Revised 9/67

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

A1A.48

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542, Reading, Pa. 19603
Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

	Kilowatts Initial	Projected
a. Thermal capacity of reactor	2,535,000	
b. Electrical capacity of plant, gross	871,000	
c. Electrical capacity of plant, net	831,000	
d. Nameplate rating of turbogenerator (s)	837,400	
e. Neutron flux, maximum n/cm² sec	-	

4. COST DATA:

135,970

	TOTAL ESTIMATED COST	CUMULATIVE THRU March 31, 1968 (date)
	(in thousands)	
a. Nuclear Production Plant		
1. Land and land rights	28	xx
2. Structures and improvements	27,502	xx
3. Reactor plant equipment	46,725	xx
Turbogenerator	41,423	xx
. Accessory electric equipment	7,584	xx
6. Miscellaneous power plant equipment	1,107	xx
Total Nuclear Production Plant	124,369	
b. General Plant	-	
c. Total Plant	124,369	4,122
d. Training	892	
e. Research and Development	-	
f. Fuel Fabrication (initial core & spares)		
1. Cost	6,370	

2. Number of assemblies (including spares)
3. Total Kgs of fertile U. 80,731 Pu. 0 Th.
4. Total Kgs of fissile U. 2,422 Pu. 0

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	8/1/67	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/74

6. RCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 31, 1968 3 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering

DATE April 8, 1968
Organization Metropolitan Edison Company
Signature R E Neidig

Form AEC-2
Rev. and 9/67

U. S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(Approx. 8 mi. south of Middletown, Pa.)

AIA 48

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542
Reading, Pa. 19603
Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)	Kilowatts Initial	Kilowatts Projected
a. Thermal capacity of reactor	2,535,000	
b. Electrical capacity of plant, gross	872,000	
c. Electrical capacity of plant, net	831,000	
d. Nameplate rating of turbogenerator (s)	937,400	
e. Neutron flux, maximum n/cm^2 sec	-	

4. COST DATA:	TOTAL ESTIMATED COST	CUMULATIVE THRU December 31, 1967 (date)
	(in thousands)	
a. Nuclear Production Plant		
1. Land and land rights	28	xx
2. Structures and improvements	27,502	xx
3. Reactor plant equipment	46,725	xx
. Turbogenerator	41,423	xx
. Accessory electric equipment	7,584	xx
6. Miscellaneous power plant equipment	1,107	xx
Total Nuclear Production Plant	124,369	
b. General Plant	-	
c. Total Plant	124,369	2,203
d. Training	892	
e. Research and Development	-	
f. Fuel Fabrication (initial core & spares)		
1. Cost	6,370	
2. Number of assemblies (including spares)		177
3. Total Kgs of fertile U. 80,731	Pu. 0	Th. 0
4. Total Kgs of fissile U. 2,422	Pu. 0	

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	8/1/67	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF Dec. 31, 1967 1 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering

DATE January 15, 1968
Organization Metropolitan Edison Company
Signature

Pollock, Gambusso, W.L. Tman

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U.S. ATOMIC ENERGY COMMISSION

Form Approved Budget
Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

A/R. 48

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(approx. $2\frac{1}{2}$ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Ralph E. Neidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542
Reading, Pa. 19603 Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

a. Thermal capacity of reactor (Kw)	2,535,000
b. Thermal capacity of plant, non-nuclear (Kw)	16,000
c. Electrical capacity of plant, gross (Kw)	871,000
d. Electrical capacity of plant, net (Kw)	831,000
e. Nameplate rating of turbogenerator(s) (Kw)	837,400
f. Neutron flux, maximum n/cm^2 sec	-

POOR ORIGINAL

4. COST DATA: (in thousands) 127,000	TOTAL ESTIMATED COST	CUMULATIVE THRU September 30, 1967 (date)
a. Nuclear Production Plant		
1. Land and land rights	-	xx
2. Structures and improvements	24,899	xx
3. Reactor plant equipment	28,251	xx
4. Turbogenerator	45,880	xx
5. Accessory electric equipment	5,800	xx
6. Miscellaneous power plant equipment	974	xx
Total Nuclear Production Plant	105,896	
b. General Plant	11,475	
c. Total Plant	117,371	1320
d. Training	922	
e. Research and Development	0	
f. Fuel Fabrication (initial core & spares)		
1. Cost	6,370	

2. Number of assemblies (including spares) 177
3. Total Kgs of fertile U. 80,731 Pu. 0 Th. 0
4. Total Kgs of fissile U. 2,422 Pu. 0

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	8/1/67	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/74

PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF Sept. 30, 1967 1 %

SUBMITTED BY:
Name Ralph E. Neidig
Title Vice President Engineering
DATE October 12, 1967
Organization Metropolitan Edison Company
Signature R E Neidig

INSTRUCTIONS FOR PREPARATION OF
AEC FORM HQ-254
GENERAL INFORMATION

1. Purpose. To provide a standard report form to be used for obtaining uniform information from organizations constructing nuclear power plants, and nuclear reactors for other than electrical purposes. This information is required to: make economic analyses of nuclear power costs; prepare reports to Congress; forecast reprocessing requirements for irradiated nuclear fuels; forecast special nuclear material requirements; and various other AEC requirements as specified in sections 3, 141 and 251 of the Atomic Energy Act of 1954, as amended.

2. Report Coverage. It is requested that this report be prepared and submitted by each organization constructing or planning to construct a nuclear power plant or a nuclear reactor for other than electrical purposes, either as a separate project or as an addition to an existing project. Reports are requested until all costs are reported and construction is completed and the facility is ready for operation.

3. Frequency. An original and two copies of the quarterly report should be mailed to the Office of the Controller, U.S. Atomic Energy Commission, Washington, D. C., 20545, on or before the fifteenth day of the month following the end of each quarter.

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U.S. ATOMIC ENERGY COMMISSION

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Bureau No. 38-R107

AIA-48

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

7/25/67

1. OFFICIAL TITLE AND LOCATION OF PROJECT:

Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)

Ralph E. Heidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542
Reading, Pa. 19603 Phone: 215 929-3601

3. DESIGNED POWER OUTPUT: (initial core)

a. Thermal capacity of reactor (Kw)	2,535,000
b. Thermal capacity of plant, non-nuclear (Kw)	16,000
c. Electrical capacity of plant, gross (Kw)	871,000
d. Electrical capacity of plant, net (Kw)	831,000
e. Nameplate rating of turbogenerator(s) (Kw)	837,400
f. Neutron flux, maximum n/cm^2 sec	-

4. COST DATA: (in thousands)

116,000

	TOTAL ESTIMATED COST	CUMULATIVE THRU June 30, 1967 (date)
a. Nuclear Production Plant		
1. Land and land rights	0	xx
2. Structures and improvements	32,861	xx
3. Reactor plant equipment	34,636	xx
4. Turbogenerator	30,524	xx
5. Accessory electric equipment	7,223	xx
6. Miscellaneous power plant equipment	1,188	xx
Total Nuclear Production Plant	106,432	
b. General Plant	2,500	
c. Total Plant	108,932	540
d. Training	800	
e. Research and Development	0	
f. Fuel Fabrication (initial core & spares)		
1. Cost	6,370	
2. Number of assemblies (including spares)		177
3. Total Kgs of fertile U. 80,731	Pu. 0	Th. 0
4. Total Kgs of fissile U. 2,422	Pu. 0	

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	9/1/67	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 30, 1967 0 %

SUBMITTED BY:

Name Ralph E. Heidig
Title Vice President Engineering

DATE June 22, 1967
Organization Metropolitan Edison Company
Signature Ralph E. Heidig

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Revised 5/66

U.S. ATOMIC ENERGY COMMISSION

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QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

5/9/6

1. OFFICIAL TITLE AND LOCATION OF PROJECT:
Three Mile Island Nuclear Station
Dauphin County
Londonderry Township, Pennsylvania
(approx. 2½ mi. south of Middletown, Pa.)

2. PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code)
Ralph E. Heidig
Vice President Engineering
Metropolitan Edison Company
P.O. Box 542
Reading, Pa. 19603 Phone: 215 - 929-36[illegible]

3. DESIGNED POWER OUTPUT: (initial core)

a. Thermal capacity of reactor (Kw)	2,535,000
b. Thermal capacity of plant, non-nuclear (Kw)	16,000
c. Electrical capacity of plant, gross (Kw)	871,000
d. Electrical capacity of plant, net (Kw)	831,000
e. Nameplate rating of turbogenerator(s) (Kw)	837,400
f. Neutron flux, maximum n/cm^2 sec	

4. COST DATA: (in thousands)
$110,000

	TOTAL ESTIMATED COST	CUMULATIVE THRU (date)
a. Nuclear Production Plant		
1. Land and land rights		xx
2. Structures and improvements		xx
3. Reactor plant equipment		xx
4. Turbogenerator		xx
5. Accessory electric equipment		xx
6. Miscellaneous power plant equipment		xx
Total Nuclear Production Plant		
b. General Plant		
c. Total Plant		
d. Training		
e. Research and Development		
f. Fuel Fabrication (initial core & spares)		
1. Cost		
2. Number of assemblies (including spares)		
3. Total Kgs of fertile U.____	Pu.____	Th.____
4. Total Kgs of fissile U.____	Pu.____	

5. CHRONOLOGY: (month and year) (estimated date if events have not occurred)

a. Start of preliminary design	1/1/67	f. First criticality	12/1/70
b. Start of detailed engineering design	3/1/67	g. First operation at plant's design full power	3/1/71
c. Procurement of first major reactor component	3/1/67	h. Plant placed in commercial operation	5/1/71
d. Start of construction at site	3/1/68	i. First discharge of nuclear fuel	11/1/72
e. Construction essentially completed	12/1/70	j. First shipment of irradiated nuclear fuel for reprocessing	4/1/74

6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF May 1, 1967 0 %

SUBMITTED BY:
Name Ralph E. Heidig
Title Vice President Engineering
DATE May 2, 1967
Organization Metropolitan Edison Company
Signature [signature]