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

| THRE | | NUCLEAR STAT | ION UNIT 2 |) M G | PERSON TO B r.R.W.Heward,J PU Service Cor 60 Cherry Hill | r.,Proj.Mgr |
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| MIDE | DLETOWN, PA | | | | arsippany, Nev | |
| | | | | | MEGAMATTS | |
| 3. DE | SIGNED POWER | OUTPUT | | CURRENT | | PROJECTE |
| Δ. | . THEFMAL CAPI | CITY OF REACT | OF. | 2772.C | | 2772. |
| 8. | . ELECTRICAL (| APACITY OF PL | ANT. GROSS | 959.0 | | 959. |
| С. | · ELECTRICAL | APACITY OF PL | ANT, NET | 906.C | | 906. |
| 4. CC | ST DATA | | | | | |
| Α. | NUCLEAR -PFCI | | | | STIMATED CO | |
| | | OFM SYSTEM OF | ACCOUNTS! | (1 | N THELSANDS | -51 |
| | 1. LAND AND | S AND IMPROVE | NENTS | | 100 530 | / |
| | | LANT EQUIPMEN | | | 189,573 | 191,677 |
| | 4. TURBOGENS | | | | 228,524 | 231,061 |
| | | FLECTRIC EQU | TOMENT | | 103,242 | 07,388 |
| | | ECUS PONER PL | | NT | -6,293 | 97,100 |
| | | LUUS FORCE PL | and Legit ME | | -0,273 | 0,365 |
| | 7. 1017 | L NUCLEAR PRO | DUCTION PLA | NT | 625,666 | 532,611 - |
| | 8. CUMULATIN | E CESTS | | | 456,872 | 485.007 |
| | . TRAINING | | | | -8.784 | 8.784 |
| С. | FULL (INTII) | | | | | |
| | | IVERED FOR PL | ANT) | | 10,842 | |
| | 2. NUMBER OF | | | | 177 | |
| | 3. KILOGRAM | | | | 81737 | |
| | 4. KILOGRAMS | | | | 2129 | |
| | 5. CTHER (S) | PECIFY KGS OF | TH, PU, U-2 | 33; | | - |
| 5 . CH | HRENOLOGY: (MC | NTH AND YEAR) | LESTIMATED | DATE IF E | VENTS HAVE | NOT OCCUR |
| Α. | . APPLICATION | FOR CONST | Ε. | FIRST CPER | ATICN AT PL | ANT'S |
| | PERMIT | | 04/68 | | FULL POWER | |
| 5. | STAFT OF COM | ST | F. | | EC IN CCMME | |
| | AT SITE | | 09/69 | CPERATIO | N | 05 |
| С. | APPLICATION | FOR FACILITY | G. | FIRST DISC | HARGE OF NU | CLEAR |
| | LICENSE | | 04/74 | FUEL | | 10. |
| D. | FIRST CFITIO | AL ITY | 09/77 H. | | MENT CF IRR | |
| | | | | 0.00 | FUEL FOR RE | |
| 6. PE | RCENT OF PHY | SICAL CENSTRUC | TION COMPLE | TICN -81.4 | OR AS CF: | Sept. 1971 |
| SUBMI | TTED BY: | | | | CATE: | 10/11/76 |
| | R. W. Heward | , Jr. | | | | |
| NAME | · Project Mana | ger / | A | | | |
| TITLE | | | | | | |
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| DESIGNED POWER OUTPUT A. THERMAL CAPACITY OF REACTOR A. THERMAL CAPACITY OF REACTOR B. ELECTRICAL CAPACITY OF PLANT, CHOSS B. C. ELECTRICAL CAPACITY OF PLANT, CHOSS B. THERMAL CAPACITY OF REACTOR B. THERMAL CAPACITY OF PLANT, CHOSS B. THERMA | THREE MILE ISLAND NUC | | GPU Ser | vice Corporation rry Hill Road |
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| 3. DESIGNED POWER DUTPUT A. THERMAL CAPACITY OF REACTOR B. ELECTRICAL CAPACITY OF PLANT, GROSS B. GOST DATA A. NUCLEAR PRODUCTION PLANT B. COST DATA A. NUCLEAR PRODUCTION PLANT B. COST DATA B. CUMULES AND LAND RIGHTS B. COMPRES AND EMPROVEMENTS B. COMPRES AND PRODUCTION PLANT B. COST DATA B. COMPLES AND LAND EQUIPMENT B. COMPLETATION B. COMPLETATION B. CUMULATIVE COSTS B. COMPLETATION B. COMPLETATION B. CUMULATIVE COSTS B. COMPLETATION B. START UP CONST B. PLANT PLACED IN COMMERCIAL B. COMPLETATION B. START UP CONST B. PLANT PLACED IN COMMERCIAL B. COMPLETATION B. START UP CONST B. PLANT PLACED IN COMMERCIAL B. COMPLETATION B. START UP CONST B. PLANT PLACED IN COMPLETION B. START UP CONST B. PLANT PLACED IN COMPLETA B. START UP CONST B. PLANT PLACED IN COMPLETION B. START UP CONST B. PLANT PLACED IN COMPLETA B. START UP CONST B. PLANT PLACED IN COMPLETA B. START UP CONST B. PLANT PLACED IN COMPLETA B. START UP CONST B. PLANT PLACED IN COMPLETA B. START UP CONST B. PLANT PLACED IN COMPLETA B. B. COMPLETATION B. CONTROL OF THE CONST B. COMPLETATION B. CONTROL OF THE CONTROL OF | MIDDLETOWN, PA | | | |
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| B. ELECTRICAL CAPACITY OF PLANT, GROSS C. ELECTRICAL CAPACITY OF PLANT, NET B19.0 4. COST DATA A. NUCLEAR PRODUCTION PLANT IFPC UNIFORM SYSTEM OF ACCOUNTS) 1. LAND AND LAND RIGHTS 1. LAND AND LAND RIGHTS 1. LAND AND LAND RIGHTS 1. TOTAL RESTIMATED COST 1. TOTAL RESTIMATED COST 2. STRUCTURES AND IMPROVEMENTS 1. TOTAL NUCLEAR PRODUCTION PLANT 4. TUP BOGGENERATOR 7. TOTAL NUCLEAR PRODUCTION PLANT 1. COMPULATIVE COSTS 1. COMPULATIVE COSTS 1. COST 2. NUMBER OF ASSEMBLIES 3. KILUGRAMS OF U-23B 4. KILUGRAMS OF U-23B 5. OTHER (SPECIFY KGS OF TH, PU, U-233) 4. DOES _ DOES NOT _ INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-23 5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRE AL APPLICATION FOR CONST 2. PLANT IN TOTAL OF THE PLANT OF PLANT PLANT'S 3. FIRM OF CONST 4. START UF CONST 5. START UF CONST 5. START UF CONST 6. PLANT PLACED IN COMMERCIAL 6. APPLICATION FOR FACILITY 6. APPLICATION FOR FACILITY 6. FIRST DESTAINON OPPRATION OPPRATION OPPRATION 7. PLANT PLACED IN COMMERCIAL 7. PLANT PLACED IN COMMERCIAL 8. START UF CONST 8. START UF CONST 9. PLANT PLACED IN COMMERCIAL 9. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROCC 6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT TITLE: _ PLANT PLACED IN COMMERCIAL NAME: _ Mr. R. W. Heward, IT TITLE: _ PLANT PLACED IN COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT TITLE: _ PLANT PLACED IN COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT TITLE: _ PLANT PLACED IN COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT THE _ PLANT PLACED IN COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT THE _ PLANT PLACED IN COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT THE _ PLANT PLACED IN COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: _ Mr. R. W. Heward, IT THE _ PLANT PLACED IN COMPLETION 100.00% AS OF: DATE: _ A/111/75 PLANT PLACED IN COMPLETION 100.00% AS OF: DATE: _ A/111/75 PLANT PLACED | | | | |
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| 3. REACTOR PLANT EQUIPMENT | 1. LAND AND LAND | RIGHTS | | 172 |
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| 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 6. IPAINING 13,027 C. FUEL FABRICATION CURRENT CORE 1. COST* 2. NUMBER OF ASSEMBLIES POOR ORGINAL 79977 3. KILUGRAMS OF U-238 POOR ORGINAL 79977 4. KILUGRAMS OF U-238 POOR ORGINAL 79977 5. OTHER (SPECIFY KGS OF TH, PU, U-233) ** DOES DOES NOT INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-23 5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRE A. APPLICATION FOR CONST | 3. REACTOR PLANT | EQUIPMENT | | 159,101 |
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| 8. CUMULATIVE COSTS | 5. ACCESSORY ELE | CIRIC EQUIPMENT | | 47,962 |
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| * DGES DGES NOT INCLUDE COSTS OF URANIUM, THORIUM, PLUTONIUM OR U-23 5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRE A. APPLICATION FOR CONST | | | 1 C 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 2161 |
| CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE NOT OCCURRE A. APPLICATION FOR CONST PERMIT B. START UF CONST AT SITE C. APPLICATION FOR FACILITY C. APPLICATION FOR FACILITY D. FIRST CRITICALITY D. FIRST CRITICALITY D. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS DF: SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. SIGNATURE: DENT NO: 032 FORM HQ-254 FORM APPROVED BUDGET | | | | |
| A. APPLICATION FOR CONST PERMIT D5/67 B. START UF CONST AT SITE O8/67 C. APPLICATION FOR FACILITY LICENSE D. FIRST GRITICALITY O6/74 H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC D. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. TITLE: PERCENT NO: 032 FORM HQ-254 FORM APPROVED BUDGET | * DOES DOES NOT | INCLUDE COSTS OF URA | NIUM, THORIU | M. PLUTONIUM OR U-2 |
| PERMIT B. START UF CONST AT SITE OB/67 C. APPLICATION FOR FACILITY D. FIRST CRITICALITY D. FIRST CRITICALITY D. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. TITLE: PERCENT NO: 032 FORM HQ-254 PERCENT NO: 032 FORM HQ-254 PERCENT NO COMPLET OF BUDGET | | | | |
| B. START UF CONST AT SITE 08/67 C. APPLICATION FOR FACILITY LICENSE D. FIRST CRITICALITY D. FIRST CRITICALITY D. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. SIGNATURE: DENT NO: 032 FORM HQ-254 FORM APPROVED BUDGET | | | | |
| AT SITE C. APPLICATION FOR FACILITY G. FIRST DISCHARGE OF NUCLEAR FUEL NUCLEAR FUEL FOR REPROC DATE: 4/11/25 SUBMITTED BY: NAME: Mr. R. W. Heward, Jr. TITLE: Proceedings of Nuclear DATE: 4/11/25 DATE: 4/11/25 DENT NO: 032 FORM HQ-254 FORM APPROVED BUDGET | | | | |
| C. APPLICATION FOR FACILITY LICENSE D. FIRST CRITICALITY O6/74 H. FIRST SHIPMENT OF IRRADIATED NUCLEAR FUEL FOR REPROC D. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. TITLE: SIGNATURE: DATE: 4/11/75 FORM APPROVED BUDGET FORM HQ-254 FORM APPROVED BUDGET | | | | |
| 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: SIGNATURE: DATE: 4/11/75 FORM HQ-254 FORM APPROVED BUDGET | | EACTILITY G | EIRST DISCHA | RGE OF MUCLEAR |
| 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. SIGNATURE: PERCENT NO: 032 FORM HQ-254 FORM APPROVED BUDGET | | 03/70 | EUF! | INDE OF NOCEEAR |
| NUCLEAR FUEL FOR REPROC 6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. TITLE: SIGNATURE: DATE: 4/11/75 FORM HQ-254 FORM APPROVED BUDGET | | | | NT OF IRRADIATED |
| SUBMITTED BY: NAME: Mr. R. W. Beward, Jr. TITLE: Project Minager SIGNATURE: FORM HQ-254 FORM APPROVED BUDGET | | | | |
| NAME: Mr. R. W. Beward, Jr. TITLE: Proper Minager SIGNATURE: FORM HQ-254 FORM APPROVED BUDGET | . PERCENT OF PHYSICAL | CONSTRUCTION COMPLET | TION 100.00% | AS OF: |
| NAME: Mr. R. W. Beward, Jr. TITLE: Proper Minager SIGNATURE: FORM HQ-254 FORM APPROVED BUDGET | SUBMITTED BY: | the final cold cold cold cold cold cold cold col | | DATE: 4/11/75 |
| SIGNATURE: PER MANAGER SIGNATURE: FORM HQ-254 FORM APPROVED BUDGET | | Heward, Jr. | | and the first state of the sale and the sale and |
| DENT NO: 032 FORM HQ-254 FORM APPROVED BUDGET | The second secon | | | |
| | | ward | | |
| | OF NT NO. 027 | 5000 40 204 | | FORM ADDODUED DUCCE |
| | 100 NI NU: 032 | | | |

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

* PROJECT TITLE AND LOCATION . 2. PERSON TO BE CONTACTED: Mr. R. K. Pastor, Proj. Mgr. THREE MILE ISLAND NUCLEAR STATION UNIT 1 GPU Service Corporation 260 Cherry Hill Road GOLDSEDRO. PA Parsippany, N. J. 07054 MEGALATIS 3. DESIGNED PONER CHTFUT CURRENT PROJECTED A. THERMAL CAPACITY OF PEACTOR 2535.0 2535.0 B. ELECTRICAL CAPACITY OF PLANT, GROSS 876.0 876.0 C. FLECTAICAL CAPACITY OF PLANT, NET 819.0 819.0 4. COST DATA A. MUCLEAR PRODUCTION PLANT ESTIMATED COST (EPC UNIFORM SYSTEM OF ACCOUNTS) (IN THOUSANDS-S) 1. LAND AND LAND FIGHTS 172 2. STRUCTURES AND IMPROVEMENTS 117.847 PEACTER PLANT EQUIPMENT 160,162 4. TURROGENERATING 73,336 5. ACCESSORY ELECTRIC EQUIPMENT 48,282 6. MISCELLANEOUS POWER PLANT EQUIPMENT 6,551 TOTAL NUCLEAR PRODUCTION PLANT 406,350 8. CUMULATIVE COSTS 401,209 B. TRAINING 6,512 C. FUEL FABRICATION CURRENT CORE 1. COST*
2. NUMBER OF ASSEMBLIS POOR ORIGI 5,770 177 3. KILEGRAMS OF U-238 79977 4. KILL GRAMS OF U-235 2161 5. OTHER (SPECIFY KGS OF TH, PU, U-233) * DOES __ DOES NOT __ INCLUDE COSTS OF UFANIUM, THEFTUM, PLUTONIUM OR U-233 5. CHRONOLOGY: (MONTH AND YEAR) (ESTIMATED DATE IF EVENTS HAVE OUT OCCURRED) A. APPLICATION FOR COUST F. FIRST OPERATION AT PLANT'S PERMIT 05/67 DESIGNED FULL POWER 08/74 B. START OF CONST F. PLANT PLACED IN COMMERCIAL AT SITE 08/67 09/74/1 OPEFATION ... C. APPLICATION FOR FACILITY G. FIRST DISCHARGE OF NUCLEAR 03/10 LICENSE FUEL 09/76 06/74 H. FIRST SHIPMENT OF IRRADIATED D. FIRST CRITICALITY NUCLEAR FUEL FOR REPROC 01/79 6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION 100.00% AS OF: _12/31/74__ SUBMITTED BY: DATE: 1/15/75 NAME: R. W. Heward, Jr. Reflect Managor L TITLE: FOFM HQ-254 DENT NO: 032

REVISED: 2/69

FORM APPROVED BUDGET BUS EAU NO. 38-2107

Chass ser or Statut of Chaston Constitution

PETERN TO BE CONTACTED: (Mr. R. W. Heward, Jr., Proj. Mgr. "RT RE VILE ISLAND AMPLEAD STATION UNIT 1 260 Cherry Hill Road GPU Service Corporation FOR DIRPES. PA Parsippany, N. J. 07054 "E CAWATTS D. DEFIGMEN ASUFF CUTAUN CURFENT PROJECTED → THERMAL CARACTTY TR SESCTER. 2535.0 2535.0 I. BLECTRICAL CAPACITY OF PLANT, GROSS 876.0 P76.0 C. ECETTIC/E CARACITY OF FLART PET P10.0 919.0 4 + 6737 Ct"1 A. MUCLERA RECONCTION PLANT ESTIMATED COST (FPC INTERIOR CYTTER TH LOCATIONS) (IN THOUSALDS-4) 172 1. TATO AND LAY DITIGHTS 172 2. THE USTLERS AND I SEED VENE TO B. TEACTER PLANT FOURTHER T 16 982 116,982 159 572 159,572 4. THE BLOST SEATES 73,072 A. ACCESCARY ELECTRIC Englanger 48 122 48,132 6. TOTOCELLATED IT DOLLES START BOUTPARKE 6,531 TOTAL AUTIENE PERDUCTI & PLANT 404,461 -04461 P. CHARLETIAL COL. 401241 401,241 B. TTAITTINE 9,512 PLEI PARTIFITIE CURCENT CTRE POOR ORIGINAL 1. 0000 5.770 A THERE DELY TOLINE INC. 177 3. KT1 1, 9 2 4 5 7 5 11-237 79 977 79.977 4. X 11 705 2"5 08 1-235 5. 07HOL (SPECIEV KS) TO TH. MI. (1-233) ITES IN X TOLLIE COSTO DE UPANIUM, THOSTOM, DEUTONIUM OF U-233 CHE TYPE TOY: ('T' THE AND YEAR) (FRETINATED DATE IF EVENTS HAVE NOT OCCUPATED) APPLICATION BOX CONST E. EISST OPERATION AT PLANTIS D1 51 47 DESIGNED FULL POWER 05/67 STATE OF CON ETAJE BEACED IN COMMERCIAL 09/17 TPERATIF* 9/74 ASSLICATION FOR FACILITY SINST DISCH GE OF MUCLEAR LICELSE 03/70 FUEL 9/76 D. FIRST CRITICALITY 36 774 H. FIRST SHIPHFUT OF IRRADIATED LUCLEAR FUEL FOR REPROC 1/79 100 70 6. FETCH! THE PHYSICAL COLLEGE DOTING COMPLETION AS OF: 9/30/74. SHBMITTED BY: DATE: _10/25/74___ R. W. Heward, Jr. Project Manager SIGNATURE: DEN" 1104 032 F-04 HD-254 FORM APPROVED GUDGET

senicab: 5190

Sat Begant

BUSEAU NO. 38-2107

| THREE MILE ISLAND NUCL | | 17 1 | Mr. M. K. Tasto GPU Service Con | poration |
|---|--|-----------------|------------------------------------|----------------|
| GOLDSPORC. PA | 47 | | 260 Cherry Hill | Road |
| | '1 ' | | Farsippany, N. | J. 07054 |
| | | | | |
| 3. DESIGNED FORFE (UTPI | | CLECE | MEGALATTS | |
| A. THERMAL CARACITY | | CLEDEN | | PROJECTED |
| B. ELFCTPICAL CAPAC | | | | 2535.0 |
| C. ELECTRICAL CAPAC | ITY OF PLANT . NE | POSS 876. | | 876.0 819.0 |
| | | | | 014.0 |
| 4. COST DATA | | | | |
| 4. MICLEAR PRODUCTIO | | | ESTIMATED C | 057 |
| | SYSTEM OF ACCOUNT | VIS) | (IN THELSENE | 5-51 |
| 1. LANT AND LAND | | | 175 | SAME |
| 2. STRUCTURES AND | | | 117,427 | |
| 3. FEACTOR PLANT | | | 160,628 | |
| 4. TUPPCOENSENTOR | | | 74,092 | |
| 5. ACCESSORY ELEC | | A CHENT | 4c,118 | |
| C. MISTALLENE DOS | PURES PLANT EQU | JIPMENI. | t,247 | |
| 7. TOTAL NUC | TISAR PRODUCTION | PLANT | 407,697 | V |
| 8. CUMULATIVE COS | 75 | | 277,503 | 394347 |
| . TOLINING | | | 8,512 | 1 1 2 2 2 2 |
| . FUEL FAPFICATION | | | CURPENT COL | E |
| 1. CCST# | | | 5,770 | SAME |
| S. NUMBER OF ASSE | MBLIES | | 177 | |
| 3. KIL CORAMS OF U | -238 DOM | DECODICIAL | 82139 | |
| 4. KILCURANS OF L | | | 2161 | V |
| 5. OTHER (SPECIFY | KGS OF TH. PU. | 11-2331 | | |
| * Dars ones wot ! | NCLUDE COSTS OF | URANIUM, TH | DRIUM, PLUTC | NIUM OR U-233 |
| 5. CHRONOLOGY: (MONTH A | NO YEAR) (ESTIN | ATED DATE IF | EVENTS HAVE | NOT OCCUPRED! |
| A. APPLICATION FOR C | | E. FIRST OP | CRATION AT PL | ANTIC |
| PESMIT | 05/67 | | FO FULL POWER | |
| P. START OF CONST | | | ACEC IN COMM | ERCIAL |
| AT SITE | 08/67 | CPERAT | | 10/74 |
| C. APPLICATION FOR F | | | SCHARGE OF N | |
| D. FIRST CRITICALITY | 70 | FUEL | | 08/75 |
| • -1-311111/00111 | 05/74 | | IPMENT OF IRE | |
| | 0.0 | | FUEL FCP FE | PRCC 04/76 |
| 6. PERCENT OF PHYSICAL | CENSTRUCTION CO | INPLETION SS | 9 AS OF: | JUNE 32, 1914 |
| | | | | |
| SUBMITTED RY | idd RWH | | CATF: | 7-22-74 |
| TITLE: Davidon | KWI | IEMARO JE | | |
| SIGNATURE: | /1 | No. 27 50 50 50 | | |
| and which we have the state of | AND THE RESERVE AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY. | | | |

IDL NO: 032

FORM HC-254 REVISED: 2/69

FOFF APPROVED BUDGET BUFEAU NO. 38-R107

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

PROJECT TITLE AND LOCATION

2. PERSON TO BE CONTACTED:

| THREE MILE | ISLAND | NUCLEAR | STATION | UNIT 1 | |
|------------|--------|---------|---------|--------|--|
| GOLDSBORG. | PA | | 111 | | |

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

|) | | | | CALATTE | |
|-----|----------------------------------|-----------------|-------------|-------------|----------|
| | 3. DESIGNED POWER OUTPUT | | | GAWATTS | CJECTED |
| pr. | A. THERMAL CAPACITY OF REACT | 20 | 2535.0 | | 2535.0 |
| | B. ELECTRICAL CAPACITY OF PL | | | | 876.0 |
| | C. FLECTRICAL CAPACITY OF PL | | 819.0 | | 819.0 |
| | C. CLECIRICAL CAPACITY OF PL | 71/2 1 • 10 C 1 | 017.0 | | 017.0 |
| | 4. COST DATA | | | | |
| | A. NUCLEAR PRODUCTION PLANT | | ESTI | MATED COST | |
| | (FPC UNIFORM SYSTEM OF | ACCOUNTS | | HOUSANDS-51 | |
| | 1. LAND AND LAND RIGHTS | ACCOUNT ST | | 172 | 175 |
| | 2. STRUCTURES AND IMPROVE | MENTS | 1 | 11,251 | 117 427 |
| | 3. REACTOR PLANT EQUIPMEN | | | 57,360 | 160 638 |
| | 4. TURBOGENERATOR | | | 73,479 | 74 092 |
| | 5. ACCESSORY FLECTRIC EQU | IPMENT | | 44,967 | 49 118 |
| | 6. MISCELLANEOUS POWER PL | | | 5,516 | 6247 |
| | 0. 100100 10101 10 | | 100.00 | | |
| | 7. TOTAL NUCLEAR PRO | DUCTION PLANT | 3 | 92,745 | 407697 |
| | | | | | |
| | 8. CUMULATIVE COSTS | | 3 | 56,159 | 377903 |
| 1 | B. TRAINING | | | 7,450 | 8512 |
| | C. FUEL FABRICATION | | CUR | RENT CORE | |
| | 1. COST* | | | 5,770 | |
| | 2. NUMBER OF ASSEMBLIES | MAN Ania | **** | 177 | |
| | 3. KILOGRAMS OF U-238 | THE HER | INGI | 8 2 1 3 9 | |
| | 4. KILOGRAMS OF U-235 | AGII OILIO | tilli- | 2161 | |
| | 5. OTHER (SPECIFY KGS OF | TH. PU. U-2331 |) | | |
| | * DOES DOES NOT INCLUDE C | | | . PLUTONIUM | OP U-233 |
| | | | | | |
| | 5. CHRONOLOGY: (MONTH AND YEAR) | LESTIMATED DA | ATE IF EVEN | TS HAVE NOT | OCCUPRED |
| | A. APPLICATION FOR CONST | E. FIR | RST OPERATI | ON AT PLANT | 15 07/74 |
| | PERMIT | 05/67 | DESIGNED FU | LL POWER | 35174 |
| | R. START OF CONST | F. PLA | ANT PLACED | IN COMMERCE | AL |
| | AT SITE | 08/67 | PERATION | | 10/74 |
| | C. APPLICATION FOR FACILITY | G. FIR | ST DISCHAR | GE OF NUCLE | AR |
| | LICENSE | 03/70 | UEL | | 08/75 |
| | | | ST SHIPMEN | T OF IRRADI | ATED |
| | | and . | | L FCR REPRO | |
| | | | 993 | | |
| (| 6. PERCENT OF PHYSICAL CONSTRUCT | TION COMPLETIO | N 98.0. 9 | AS OF: 3 | 131/74 |
| | | | | | |
| | SUBMITTED BY: | | | | |

FORM HQ-254 PEVISED: 2/69 FORM APPROVED BUDGET BUREAU NO. 38-R107

CENT NO: 032

Title Project Manager

Form Approved Budget Bureau No. 38-R107

| | QUARTERLY PROGRESS R | EPORT ON STAT | US OF F | REACTOR C | ONSTRUCT | CION | 032 |
|-----|---|--|---|------------|----------------------------|---------------------------------|--------------------------------|
| 1 | FICIAL TITLE AND LOCATION | The transmission of the second | | PERSON TO | | TACTED: (Na | ame, Tit |
| | Three Mile Island Nuclear Static Dauphin County, Londonderry Twsp (2-12 miles south of Middletown | on Unit 1 o., Pa. | G | PU Servi | ce Corpo , Parsip | Jr., Projection, 250 pany, N.J. | Onerry 07054 |
| | | all the latest the second seco | property of real party and | | | Megawatts | NO NO EL |
| | | | | In | itial | | Projec |
| 3. | DESIGNED POWER OUTPUT: (initial | | | | | | |
| | a. Thermal capacity of reactor | | | | 535 | | F100 - 100 - 100 - 100 - 100 - |
| | b. Electrical capacity of plant | t, gross | | - | 876 | | |
| | c. Electrical capacity of plant | t, net | | | 12.7 | | |
| 4. | COST DATA: | B. C. C. | | | ALTO SECTION OF THE PARTY. | ESTIMA | ATED |
| | | POOR (| RIGI | MAI | | | COST |
| a. | Nuclear Production Plant include | de the costs | of engi | neering | services | (in thousa | ands) |
| | supplied by other companies, eng | gineering and | superv | ision per | rformed | | |
| | by the utility, and administrat | ive and genera | al expe | nses, ta | xes, in- | | |
| | surance and interest during cons | struction to | the ext | ent perm | itted | | |
| | under Electric Plant Instruction counts. Exclude step-up transfe | is of the FPC | Unifor | m Systems | s of Ac- | | |
| | distribution systems). | ormer, switch | yara, t | ransmissi | ton and | | |
| | 1. Land and land rights | | | | Ψ | | 7.0 |
| | 2. Structures and improvements. | | T THE THE THE DOE THE THE THE | | | | 72 - |
| | . Reactor plant equipment | | | | | 111,2 157,3 | |
| | Turbogenerator | | The first and the real state of | | | 73,7 | |
| | . Accessory electric eq ipment | | | | | 44,9 | |
| | 6. Miscellaneous power plant ed 7. Total Nuclear Product | quipment | | | | 5,5 | |
| | | | | | | 392.7 | 45 |
| | | | | | | | All and the second second |
| ٠. | | | | | \$ | 7,4 | 50 |
| • | Research and Development | | | | \$ | | U |
| 1. | Fuel Fabrication | Ir | nitial | Core 5 | Spares | First Re | load |
| | 1. Cost*, thousands of dollars | \$ | 5,770 V | \$ | | \$ 1792 | |
| | Number of assemblies Kilograms of U-238 | 9 | 177. | | | 56 | |
| | 4. Kilograms of U-235 | | 2,161 | | | 25128 | |
| | 5. Other (specify kgs of Th, Pt | | 0 | | | 836 | |
| Do | s // Does Not // include costs | of uranium, | thoriu | m. plutor | nium or | | |
| | CHRONOLOGY: (month and year) (| estimated dat | te if e | vents hav | re not o | ccurred) | |
| | a. Application for construction | e. | | t operati | | | |
| | permit | 5/3/67 | de | sign full | power | | 6/74 . |
| | b. Start of construction at | 0/1/67 f. | | t placed | in comm | ercial | |
| | site | 8/1/67 | 100000000000000000000000000000000000000 | eration | | | 10/74 |
| | c. Application for facility license | 5/3/67 B. | | | | uclear fuel | 8/75 v |
| | d. First criticality | 4/74 h. | | | | radiateà eprocessing | . 1.176 / |
| | | | 11.50 | D.J.C. 140 | 101 1 | eprocessing | 4//0- |
| 1 | PERCENT OF PHYSICAL CONSTRUCTION | COMPLETION A | AS OF _ | 12/31/ | 73 | 987 | k / |
| L | TED BY: | | | DATE | 1/ | 15/74 | |
| ame | D 17 17 | Organizatio | on GPUS | | | | |

Organization GPUService Corporation

Signa ure_

| 1 | FICIAL TITLE AND LOCATION F PROJECT: | 2. PERSON TO | BE CONTACTED: (Names Including ZIP Cod | |
|--------------|---|--|---|-------------------------------------|
| Thre Daup | e Mile Island Nuclear Station Unit 1 hin County, Londonderry-Township, Pa. 47 /2 miles south of Middletown) | Mr. R. W. Hew GPU Service C | erd, Jr., Project Ma erporation 11 Road, Parsippany, Phone: 201-334-78 | enager |
| | | may 100 may 10 | Megawatts | |
| | | <u>In</u> : | tial | 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_ | |
| λ | COST DATA: | OOR ORIGIN | AL ESTIMAT | ED ST |
| а. | Nuclear Production Plant (Include the co supplied by other companies, engineering by the utility, and administrative and g surance and interest during construction under Electric Plant Instructions of the counts. Exclude step-up transformer, sw | and supervision per eneral expenses, tar to the extent permi FPC Uniform Systems | formed es, in- tted of Ac- | as / |
| | distribution systems). | | • | |
| | 1. Land and land rights 2. Structures and improvements | | | |
| | 2. Structures and improvements Reactor plant equipment | | 1119001 | |
| | Turbogenerator | | 137,300 | |
| | . Accessory electric equipment | | 12,412 | |
| | 6. Miscellaneous power plant equipment_ | | 44,207 | |
| | 7. Total Nuclear Production Plan | | | |
| | 8. Cumulative costs to date | | \$ 333,072 | |
| b. | | | \$ 7,450 | and the second second second second |
| c. | Research and Development | | C |) |
| d. | Fuel Fabrication | Initial Core | pares Rel | oad |
| | 1. Cost*, thousands of dollars | \$ 5,770 \$ | 1,792 | aller accounts |
| | 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 | |
| *Do | es // Does Not /X/ include costs of uran | | | |
| 5. | CHRONOLOGY: (month and year) (estimate a. Application for construction | | | |
| | permit 5/3/67 | | | (17) |
| | b. Start of construction at | | in commercial | 6/74 |
| | site 8/1/67 | | | 8/74 |
| | c. Application for facility | | ge of nuclear fuel | |
| | license5/3/67 | | | 0/// |
| | d. First criticality 4/74 | | el for reprocessing | 4/76 |
| 6. | PERCENT OF PHYSICAL CONSTRUCTION COMPLET | ION AS OF 9/30/73 | 9 | 5 |
| SL | ATED BY: | DATE | 10/15/73 | |
| Name | | zation GPH Service | | |
| | le Project Manager Signat | | | |

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

| _ | QUARTERLY PROGRESS REPORT | | | and the second s |
|------|--|--------------------------|--|--|
| 1 | FICIAL TITLE AND LOCATION PROJECT: | . 2 | and Address In | CONTACTED: (Name, Title cluding ZIP Code) |
| | ree Mile Island Nuclear Station Unit 1 | | | , Jr., Project Manager |
| | phin County, Londonderry Township, Pa | | GPU Service Co | |
| (2 | -1/2 miles south of Middletown, Pa.) | | 260 Cherry Hil 02054 Ph | 1 Road, Parsippany, NJ one: 201-334-7888 X610- |
| | | | and the second second | Megawatts |
| | | , | Initial | Projecte |
| 3. | DESIGNED POWER OUTPUT: (initial core | | 2535 | |
| | a. Thermal capacity of reactor | | 876 | |
| | b. Electrical capacity of plant, gro c. Electrical capacity of plant, net | | 819 | |
| | c. Electrical capacity of plant, net | | APPENDIX CONTROL CONTROL CONTROL | |
| 4. | COST DATA: | DAAD | ODIOINIAL | ESTIMATED |
| | | PUUK | UKILINAL | COST |
| 8. | Nuclear Production Plant (Include the | costs of | engineering servi | ces (in thousands) |
| | supplied by other companies, engineer | | | |
| | by the utility, and administrative an | | | |
| | surance and interest during construct | | | |
| | under Electric Plant Instructions of | | | |
| | counts. Exclude step-up transformer, | switchyar | d, transmission a | \$ |
| | distribution systems). 1. Land and land rights | | | - 172 |
| | 2. Structures and improvements | | | - 111,251 |
| | 3. Reactor plant equipment | - | | - 157,360 |
| | Turbogenerator | | | 73,479 |
| | . Accessory electric equipment | | | - 44,967 |
| | 6. Miscellaneous power plant equipme | nt | and the first part and the seasons are the same and the seasons. | 5,516 |
| | 7. Total Nuclear Production P | lant | | - \$ 392,745 |
| | 8. Cumulative costs to date | | | - \$ 314,414 |
| b. | Training | | | - \$ 7,450 |
| c. | Research and Development | | | - \$ 0 |
| d. | Fuel Fabrication | Init | ial Core Spare | |
| | 1. Cost*, thousands of dollars | \$ 5, | 770 \$ | \$ 1,792 |
| | 2. Number of assemblies | | 177 | 56 |
| | 3. Kilograms of U-238 | | 139 | 25,128 |
| | 4. Kilograms of U-235 | | 161 | 836 |
| *Do | 5. Other (specify kgs of Th, Pu, U-2 es // Does Not /X/ include costs of u | | orium nlutonium | or U=233. |
| 5. | CHRONOLOGY: (month and year) (estim | | | |
| | a. Application for construction | | First operation | |
| | | 3/67 | design full pow | |
| | b. Start of construction at | | Plant placed in | commercial |
| | site 8/ | 1/67 | operation | _8/74 |
| | c. Application for facility | | | of nuclear fuel 8/75 |
| | | 3/67 h. | First shipment of | |
| | d. First criticality | 74 | nuclear fuel fo | or reprocessing 4/76 |
| 6. | PERCENT OF PHYSICAL CONSTRUCTION COMP | LETION AS | OF 6/30/73 | 93 |
| š. | .TED BY: | A CANADA STATE OF STREET | DATE 7/17/2 | 73 |
| Nam | | anization | CPU Service Cor | |
| Tit. | | mature / | Maseward | |
| | THE THE PARTY OF T | maffe | think the house of the | The second secon |

N:

T.

R. W. Heward, Jr.

Project Manager

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

| SUB | MITTED BY: | NA 100 A 21 | 25 1072 |
|----------|---|--|--|
| 6. | PERCENT OF PHYSICAL CONSTRUCTION COMPLETION | N AS OF3/31/73 | 91 % |
| 6 | a. Application for construction permit b. Start of construction at site c. Application for facility license d. First criticality 3/74 | e. First operation at p design full power f. Plant placed in commoperation g. First discharge of m h. First shipment of in nuclear fuel for rep | olant's ola |
| 5. | CHRONOLOGY: (month and year) (estimated of | date if events have not oc | ccurred) |
| b. c. d. | 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 4. Accessory electric equipment 5. Miscellaneous power plant equipment 7. Total Nuclear Production Plant 8. Cummulative costs to date 6. Training 7. Research and Development 7. Fuel Fabrication 7. Cost*, thousands of dollars 7. Number of assemblies 7. Number of assemblies 7. Kilograms of U-238 7. Other (specify kgs of Th, Pu, U-233) 8. Include costs of uranium, | Initial Core Spares \$ 5,770 \$ 177 82,139 2,161 | \$ 299,911 7,450 \$ 0 First Reload \$ 1,792 56 25,128 836 |
| a , | Nuclear Production Plant (Include the cost supplied by other companies, engineering a by the utility, and administrative and gen surance and interest during construction tunder Electric Plant Instructions of the F counts. Exclude step-up transformer, switt distribution systems). 1. Land and land rights———————————————————————————————————— | nd supervision performed eral expenses, taxes, in- o the extent permitted PC Uniform Systems of Ac- chyard, transmission and | \$ 175 |
| 4. | POO | R ORIGINAL | ESTIMATED COST |
| | a. Thermal capacity of reactorb. Electrical capacity of plant, grossc. Electrical capacity of plant, net | 876 | |
| 3. | DESIGNED POWER OUTPUT: (initial core) | Initial | Megawatts Projected |
| _ | Three Mile Island Nuclear Generating Station Unit 1 Middletown, Pennsylvania 17051 | and Address Incl Mr. R. W. Heward, Jr., I GPU Service Corporation 260 Cherry Hill Road, Pa Phon | Project Manager |
| 1 | OFFICIAL TITLE AND LOCATION | | TACTED: (Name, Title, |

DATE

Organization GPU Service

Signature

April 25, 1973

| A QUARTERLY PROGR | ESS REPORT ON | STATUS OF REAC | TOR CONSTRU | CTION | |
|---|---|---|--|--|----------------------------|
| OFFICIAL TITLE AND LOCATION OF PROJECT: Three Mile Island Nuclear Sta Dauphin County, Londonderry T Pennsylvania (about 2 miles Middletown, Pa.) | 47 tion Unit 1 | 2. PERSO | ON TO BE CO Address Inc Heward, Jr. | NTACTED: (Name luding ZIP Code , Project Man O Cherry Hill (054 ne:(201)539-788 | e) ager |
| | | | | Megawatts | 024 |
| 3. DESIGNED POWER OUTPUT: (ini a. Thermal capacity of reac b. Electrical capacity of p c. Electrical capacity of p | tor | | Initial 2535 876 | And the second of the second s | jectec |
| 4. COST DATA: | | | 819 | | |
| - COST DATA: | | | | ESTIMATED | |
| Nuclear Production Plant (Inc supplied by other companies. | | | | COST | |
| by the utility, and administrative surance and interest during of under Electric Plant Instruct counts. Exclude step-up transfer distribution systems). 1. Land and land rights 2. Structures and improvement 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant 7. Total Nuclear Product 8. Cumulative costs to date b. Training | ent equipment | Initial Core \$ 5,770 177 79,011 | performed taxes, in- rmitted taxes of Ac- ssion and System Syste | 108,80 133,30 72,40 43,00 5,21 362,89 281,77 5,58 First Reload \$ 1,792 56 25,128 | 73 |
| a. Application for construction permit b. Start of construction at site c. Application for facility license d. First criticality 6. PERCENT OF PHYSICAL CONSTRUCTION SUBMITTED BY: Name R. W. Heward. In | (estimated days) 5/3/67 8/1/67 5/3/67 10/31/73 N COMPLETION A | te if events have. First operation operation. First disch nuclear fue | ave not occation at pluil power ed in comme darge of numerous ent of irral for repro | urred) ant's 12/ rcial clear fuel 6/ adiated ocessing 1/ | 31/73 31/74 75 76 |
| Title Project Manager | Signature | on GPU Service | ecorporat | ion | |

POOR ORIGINAL

OFFICIAL TIPLE AND LOCATION
OF PROJECT:
Three Mile Island Nuclear Station Unit #1
Dauphin County, Londonderry Township,
Pennsylvania (About 2-1 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

| | | | THE RESERVE OF LABOUR. | | Megawatts | |
|------|---|--|---|--|------------------------|-------------------|
| 3. | DESIGNED POWER OUTPUT: (initia a. Thermal capacity of reactor b. Electrical capacity of plan c. Electrical capacity of plan | t, gross | | 2535 876 819 | - | rojected |
| 4. | COST DATA: | POOR | ORIGIN | Contrary of the Contrary of th | ESTIMATE COST | D |
| a. | Nuclear Production Plant (Inclusupplied by other companies, en by the utility, and administrat surance and interest during con under Electric Plant Instruction counts. Exclude step-up transfidistribution systems). | gineering and s ive and general struction to th ns of the FPC : | supervision lexpenses, ne extent pe | performed taxes, in- rmitted | (in thousa | nds) |
| | 1. Land and land rights | | | | | 173 |
| | 2. Structures and improvements | | | | 109,8 | 300 |
| | Reactor plant equipment Turbogenerator | | | | 133, | 300 |
| | 5. Accessory electric equipment | | | | 72,1 | |
| | o. Miscellaneous power plant ed | uipment | | | 5.0 | 219 |
| | 7. Total Nuclear Production 8. Cumulative costs to date | on Plant | | \$ | 362,8 | 92 |
| Ь, | Training | | | \$ | 269,9 | 985 |
| С, | Research and Development | | | S | 3,3 | 0 |
| d. | Fuel Fabrication 1. Cost*, thousands of gollars | In | itial Core 5,770 \$ | Spares | First Rela \$ 1,792 | ad |
| | 2. Number of assemblies | | 177 | | 56 | |
| | 3. Kilograms of U-238 in fuel 4. Kilograms of U-235 in fuel | | 9,911 | | 25,128 | |
| |). Other (specify kes of Th. D. | 11 2223 | 2,153 | | 836 | |
| Does | /_/ Does Not / \overline{X} / include costs | of uranium, the | orium, pluto | nim or II- | 233 | |
| 5. | CHRONOLOGY: (month and year) (| estimated data | 16 | | 233. | |
| | a. Application for construction permit b. Start of construction at | 5/3/67 | first oper design f | ation at p | lant's | 12/31/73 |
| | site | 8/1/67 f. | Plant plac | ed in comm | ercial | E /01 /El. |
| | . Application for facility | 8. | operatio First disc | | uclear fuel | 5/31/74 |
| 4 | license I. First criticality | 5/3/67 h. 10/31/73 | First ship nuclear fu | ment of ir | radiated | 1/76 |
| . 1 | ERCENT OF PHYSICAL CONSTRUCTION | COMPLETION AS | OF 9/30 | TO THE WAY AND ADDRESS OF THE PARTY OF THE P | 90 | 57 |
| UBMI | TTED BY: | | | | | 76 |
| ame | R. W. Heward, Jr. | Organization | GPU Service | 10/27 ce Corpora | Lion 7 | 2 |
| 1.6 | . Project Manager | Signature | - Kil | 115 | () 1 | The second second |

OFFICIAL TITLE AND LOCATION 2. PERSON TO BE CONTACTE: (Name, Title OF PROJECT: and Address Including ZIP Code) Three Mile Island Nuclear Station Unit #1 Mr. R. W. Heward, Jr., Project Manager Dauphin County, Londonderry ship, GPU Service Corp., 260 Cherry Hill Road Pennsylvania (approx. 2-1 m th of Parsippany, N. J. 07054 Phone: 201-539-7888 X610 Middletown, Pa.) Megawatts Initial Projected 3. DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor..... b. Electrical capacity of plant, gross..... c. Electrical capacity of plant, net COST DATA: ESTIMATED COST a. Nuclear Production Plant (Include the costs of engineering services (in thousands) 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..... Miscellaneous power plant equipment Total Nuclear Production Plant.....\$ 8. Cumulative costs to date.....\$ 249,205 b. Training c. Research and Development d. Fuel Fabrication Initial Core 1. Cost*, thousands of dollars \$ 6,549 2. Number of assemblies 177 56 3. Kilograms of U-238 80,780 25,380 4. Kilograms of U-235 2,150 5. Other (specify kgs of Th, Pu, U-233) *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 e. First operation at plant's permit design full power Start of construction at Plant placed in commercial operation Application for facility First discharge of nuclear fuel license 5/3/67 h. First shipment of irradiated First criticality nuclear fuel for reprocessing 5/15/73 6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 30, 1972 SUBMITTED BY: Name R. W. Heward, Jr. DATE July 14, 1972 GPU Se vice Corporation Organization file Project Manager

Signature

Murano

| Da. Pe | OFFICIAL TITLE AND LOCATION OF PROJECT: ree Mile Island Nuclear Station Unit #1 uphin County, Londonderry Township, nnsylvania (approx. 2-2 miles south of ddletown, Pa.) | Mr. R. W. GPU Servi | SON TO BE CON Address Incl Heward, Jr., ce Corporatio y, N. J. 070 Phone | Project Mon, 260 Che | ode) anager rry Hill |
|-----------|--|--|---|---|---|
| | | | | Megawatts | |
| 3, | DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor b. Electrical capacity of plant, gross c. Electrical capacity of plant, net | | 2535 876 819 | | Projected |
| 4. | COST DATA: | | | ESTIMAT | ED |
| b. c. d. | Nuclear Production Plant (Include the costs supplied by other companies, engineering as by the utility, and administrative and general surance and interest during construction to under Electric Plant Instructions of the Fi counts. Exclude step-up transformer, swited distribution systems). 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipment 7. Total Nuclear Production Plant 8. Cumulative costs to date Training Research and Development Fuel Fabrication 1. Cost*, thousands of dollars 2. Number of assemblies 3. Kilograms of U-238 4. Kilograms of U-238 5. Other (specify kgs of Th, Pu, U-23?) 5. Other (specify kgs of Th, Pu, U-23?) 5. // Does Not /K/ include costs of uranica, | Initial Cor \$ 6,549 177 80,780 2,150 | on performed s, taxes, in- permitted ystems of Ac- smission and \$ s e Spares \$ | 157 87,722 107,824 64,973 31,810 3,599 296,085 229,624 1,600 0 First Rel \$ 1,820 56 25,380 820 | |
| 5. | CHRONOLOGY: (month and year) (estimated da. Application for construction permit 5/3/67 b. Start of construction at site 8/1/67 c. Application for facility license 5/3/67 d. First criticality 5/3/67 PERCENT OF PHYSICAL CONSTRUCTION COMPLETION IFFED BY: R. W. Howard In | ate if event e. First o desig f. Plant p opera g. First d h. First s nuclear AS OF Mar | s have not occ peration at pl n full power laced in comme tion ischarge of no hipment of ira fuel for repa | ercial coclear fuel cocessing 80% 1972 | 9/73 11/30/73 5/15/75 10/15/75 |

| | QUARTERLY PROGRESS | REPORT ON S | TATUS OF REACTO | R CONSTRUC | TION |
|---|--|---------------------------------------|---|---|---|
| OF Three I Dauphir | PICIAL TITLE AND LOCATION PROJECT: Mile Island Nuclear Station to County, Londonderry Township Vania (Approx. 25 miles sout Middletown, Pa.) | 47 Jnit #1 | 2. PERSON and Ad Mr. R. W. Hew GPU Service C | TO BE CON dress Incl ard, Jr., Corporation 11 Road, P | TACTED: (Name, Titl uding ZIP Code) Project Manager |
| | | | | | Megawatts |
| 3. DES | ICNED POLICE OUTDING | | | Mairiax | Projects |
| a. | IGNED POWER OUTPUT: (initia Thermal capacity of reactor | 1 core) | | | 227, 177, 187 |
| ь. | Electrical capacity of place | | | 2535 | |
| С. | Electrical capacity of plan | t net | | 876 | |
| | | ., | | 819 | |
| 4. COS | T DATA: | | | | ESTIMATED COST |
| by sura unde cour dist | lear Production Plant (Included by other companies, engine utility, and administration and administration of the utility and administration of the constant of | ive and gene struction to | d supervision pral expenses, t the extent per | erformed exes, in- mitted | (in thousands) |
| 4. 5. 6. 7. 8. b. Trai | Reactor plant equipment Turbogenerator Accessory electric equipment Miscellaneous power plant eq Total Nuclear Productio Cummulative costs to date (se | uipment | OR ORIGIN | φ''φ'' | 87,722 107,824 64,973 31,810 3,599 296,085 211,235 1,600 |
| 1. 2. 3. 4. 5. *Does /_/ | Fabrication Cost*, thousands of dollars Number of assemblies Kilograms of U-238 Kilograms of U-235 Other (specify kgs of Th, Pu Does Not MM include costs of | , U-233) of uranium, | Initial Core \$ 6,549 \$ 177 80,780 2,150 0 therium, pluton | Spares | 0 First Reload \$ 1,820 56 25,380 820 0 |
| a. A b. s c. A d. F | pplication for construction permit tart of construction at site pplication for facility license irst criticality | 5/3/67 8/1/67 5/3/67 5/15/73 | te if events ha e. First opera design fu f. Plant place operation g. First disch n. First shipm | ve not occ tion at pl 11 power d in comme arge of non ent of irr | urred) ant's rcial clear fuel 5/15/75 |
| Nama R. | BY: W. Heward, Jr. Oject Manager | Organizati Signature | DATE | January Ace Corpor | 15. 1972 |

4

| | OF PROJECT: | 2. | PERSON TO BE and Address I | CONTACTED: (neluding ZIP | Name, Title |
|--------------|--|--|---|--|------------------|
| | Three Mile Island Nuclear Station - Unit Dauphin County Londonderry Township, Pennsylvania Approx. 22 miles south of Middletown, Pa. | | J. G. Mille Metropolita Reading, Pe | r, Vice Presi | dent |
| | The second secon | | | Megawatts | |
| 3. | DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor b. Electrical capacity of plant, gross | | 2535 871 | | Redecte |
| | c. Electrical capacity of plant, net | • • • | 831 | _ | ***** |
| 4. | COST DATA: | | | EGTI | MATED COST |
| és. | Suclear Production Plant (Include the cost supplied by other companies, engineering a by the utility, and administrative and ger surance and interest during construction to under Electric Plant Instructions of the P counts. Exclude step-up transformer, switt distribution systems). 1. Land and land rights | and supe neral ex to the e FPC Unif | ervision perform penses, taxes, extent permitted form Systems of | in- | sands) |
| b. | 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipment 7. Total Nuclear Production Plant 8. Cumulative costs to date (As of 9/30/Training |)R 0 | RIGINAL | 157 87,758 109,755 66,524 28,146 3,745 \$296,085 \$192,696 \$1,600 | |
| c. | Research and Development | | | \$ | |
| *Doc | Fuel Fabrication 1. Cost*, thousands of dollars 2. Number of assemblies 3. Kilograms of U-238 4. Kilograms of U-235 5. Other (specify kgs of Th, Pu, U-233) es // Does Not /X/ include costs of uraniu | Initia \$6,549 177 80,780 2,150 0 um, thor | \$ | \$ 1,820 50 25,380 820 | 5 - |
| | CHRONOLOGY: (month and year) (estimated a. Application for construction | date if | events have no | t occurred) | |
| | permit 5-3-67 b. Start of construction at site 8-1-67 c. Application for facility | f. Pl | rst operation a design full pow ant placed in c operation | er Ommercial | 9-73 11-30-73 |
| | license 5-3-67 | h. Fin | rst discharge o | irradiated | |
| | a. First criticality 5-15-73 | 1 | nuclear fuel fo | r reprocessin | g 10-15-75 |
| | PERCENT OF PHYSICAL CONSTRUCTION COMPLETION | N AS OF | September 15, | 1971 | 67.0 % |
| wwish. | AITTED BY: | | DATE Oct | ohow 15 10m | |
| Name Titl | | worm-ritgers | Metropolitan' | | |
| + | | 1 | | | |

| QUARTERLY PROGRESS REPORT ON STATE | US OF | REACTOR CO. | RE COMPAC | TED: (Ne | me, Title, |
|--|----------------------|--|--|--|--|
| OFFICIAL TITLE AND LOCATION OF PROJECT: Three Mile Island Nuclear Station - Unit No. 1 Dauphin County Londonderry Township, Pennsylvania Approx. 22 miles south of Middletown, Pa. | 2. | end Address J. G. Mille Vice-Presi Metropolit Reading, P | s Includi er dent an Edisor a.Phone: | ng zir co | 3601 |
| | | XX6X | COM | | PRESPECTED. |
| 3. DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor b. Electrical capacity of plant, gross c. Electrical capacity of plant, net | | 2 | 2535 871 831 | ESTIM | |
| 4. COST DATA: | | | | | COST |
| a. Nuclear Production Plant (Include the costs | | | | -, | 3-1 |
| by the utility, and administrative and general surance and interest during construction to under Electric Plant Instructions of the Freedrice Exclude Step-up transformer, switch distribution systems). 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipment 7. Total Nuclear Production Plant | chyar | ORIGINA | sion and \$ | 155 77,745 97,233 64,525 19,76 2,27 261,70 | 9 1 5 7 7 |
| | | | | \$ 175,01 | and the second s |
| 8. Cumulative costs to date | | | | \$ 1,00 | N |
| b. Training | | | | \$ | Paland |
| c. Research and Development d. Fuel Fabrication 1. Cost*, thousands of dollars 2. Number of assemblies 3. Kilograms of U-238 4. Kilograms of U-235 5. Other (specify kgs of In, Pu, U-233) | \$ | tial Core 6,549 \$ 177 80,780 2,150 0 | Spares | \$ 1, 25, r U-233. | Reload ,820 56 ,380 820 0 |
| 5. Other (specify kgs of In, Pu, U-233) *Does // Does Not /X/ include costs of urani *Does // Does Not /X/ include costs of urani | um, | e if events | have not | occurred |) |
| a. Application for construction permit b. Start of construction at site c. Application for facility license d. First criticality 5-3-67 5-3-67 5-3-67 | e. f. g. h. | rirst oper design i Plant plac operation First disc First ship nuclear | full power ced in colon charge of fuel for | r mmercial nuclear irradiate reproces | 11-72 fuel 5-15-7 d sing 10-15- |
| . PERCENT OF PHYSICAL CONSTRUCTION COMPLET | TON A | AS OF June | 15, 197 | 1 | 67.5 |
| . PERCENT OF PHYSICAL CONSTRUCTION CONTINUE | | | 7.7. | 15 1971 | |
| WANTENDEN BY: | | DAT | alitan fid | 15, 1971 Ison Comp | any |
| Name J. G. Miller Organi | zati | on Metropo | n.ll | 2 | |
| Name J. G. Miller Title Vice President Signat | ure_ | 1 | Sandania militaria | | |
| | | / | | | |

. 2/69 S. ATOMIC ENERGY COMMISSION Burreau No. 38-R107 QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION HIA.53 FICIAL TITLE AND LOCATION PERSON TO BE CONTACTED: (Name, Title PROJECT: and Address Including ZIP Code) Inree Mile Island Nuclear Station - Unit 1 J. G. Miller Dauphin County Vice-President and Chief Engineer Londonderry Township, Pennsylvania Metropolitan Edison Company Approx. 2 miles south of Middletown, Pa. Reading, Pa. 17603 Phone: 215-926-3601 XXXXXXXXXXX DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor, 2535 b. Electrical capacity of plant, gross..... 871 c. Electrical capacity of plant, net..... 831 COST DATA: ESTIMATED COST a. Nuclear Production Plant (Include the costs of engineering services (in thousands) 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 ,231 4. Turbogenerator OOR ORIGIN 04,525 Accessory electric equipment 19,767 Miscellaneous power plant equipment 2,277 7. Total Nuclear Production Plant 261,704 8. Cummulative costs to date b. Training c. Research and Development Fuel Fabrication Initial Core Spares First Reload 1. Cost*, thousands of dollars \$ 6,549 2. Number of assemblies 1,820 177 56 3. Kilograms of U-238 80,780 25,380 4. Kilograms of U-235 2,150 5. Other (specify kgs of Th, Pu, U-233) 820 0 *Does / / Does Not $/\overline{X}$ / include commandium, thorium, plutonium or U-233. 0 5. CHRONOLOGY: (month and year) (estimated date if events have not occurred) a. Application for construction e. First operation at plant's permit design full nower Start of construction at 9-72 Plant placed in commercial operation Application for facility First discharge of nuclear fuel license First shipment of irradiated First criticality nuclear fuel for reprocessing 10-15-74 PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 15, 1971 67.5 SUPTITED BY:

DATE April 15, 1971

Organization Metpopolitan Edison Company

J. G. Miller

Vice-President and Chief Engr. Signature

Form Approved Budget Bureau No. 38-R107

| PROJECT: Three Mile Island Nuclear Station-Unit No. 1 Dauphin County Londonderry Township, Pennsylvania Approx. 2 1 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 |
|---|---|
| Approx. & 5 miles sound of minimum, 10, | Megawatts |
| | Initial Projected |
| 3. DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor b. Electrical capacity of plant, gross c. Electrical capacity of plant, net | 2535 2535 871 871 |
| 4. COST DATA: | ESTIMATED COST |
| a. Nuclear Production Plant (Include the costs supplied by other companies, engineering as by the utility, and administrative and generated surance and interest during construction to under Electric Plant Instructions of the Ficounts. Exclude step-up transformer, swited distribution systems). 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator Accessory electric equipment 7. Miscellaneous power plant equipment 7. Total Nuclear Production Plant 8. Cummulative costs to date b. Training c. Research and Development d. Fuel Fabrication 1. Cost*, thousands of dollars 2. Number of assemblies 3. Kilograms of U-238 4. Kilograms of U-235 5. Other (specify kgs of Th, Pu, U-233) *Does // Does Not /X/ include costs of uranium | Initial Core Spares First Reload \$ 1,820 0 0 0 |
| 5. CHRONOLOGY: (month and year) (estimated a. Application for construction permit b. Start of construction at site c. Application for facility license d. First criticality 5/03/67 | e. First operation at plant's design full power f. Plant placed in commercial operation g. First discharge of nuclear fuel h. First shipment of irradiated nuclear fuel for reprocessing 10/15/ |
| 6. PERCENT OF PHYSICAL CONSTRUCTION COMPLETION | N AS OF _Dec. 15, 1970 59.5 7 |
| SURMITTED BY: N. J. G. Miller Organiza Pi Vice-President & Chief Engineer Signature | DATE January 15, 1971 ation Metropolitan Edison Company |



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.

J. G. Miller

Vice-President and Chief Engineer

JGM: BAR: dcd

cc: Mr. G. F. Bierman

POOR ORIGINAL

Revised: 2/69 U. S. ATOMIC ENERGY COMMISSION Bureau No. 38-R107 A1A.53 QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION OFFICIAL TITLE AND LOCATION PERSON TO BE CONTACTED: (Name, Title, OF PROJECT: and Address Including ZIP Code) Three Mile Island Nuclear Station - Unit No. 1 John G. Miller Vice President and Chief Engineer Dauphin County Londonderry Township, Pennsylvania Metropolitan Edison Company P.O.Box 542 Reading, Pa.Phone: 215-929-3601 Approx. 2 1 mi. south of Middletown, Pa. Megawatts Initial Projected 3. DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor..... 2,535 2,452 b. Electrical capacity of plant, gross 845 c. Electrical capacity of plant, net..... 810 831 COST DATA: ESTIMATED COST Nuclear Production Plant (Include the costs of engineering services (in thousands) 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 2. Structures and improvements 58,568 3. Reactor plant equipment POOR ORIGINA 71,165 4. Turbogenerator 53,821 5. Accessory electric equipment 11,959 6. Miscellaneous power plant equipment Total Nuclear Production Plant 197,302 8. Cummulative costs to date 22,764,293.99 Training Research and Development Fuel Fabrication Initial Core Spares First Reload 1. Cost*, thousands of dollars \$ 6,549 2. Number of assemblies 56 3. Kilograms of U-238 80,780 2,150 4. Kilograms of U-235 5. Other (specify kgs of Th, Pu, U-233) *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 e. First operation at plant's permit design full power 8/31/72 Start of construction at Plant placed in commercial operation Application for facility g. First discharge of nuclear fuel license h. First shipment of irradiated d. First criticality nuclear fuel for reprocessing PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF _September 15, 1970

SUBMITTED BY:

Name J. G. Miller TitleVice President & Chief Engineer Signature (

DATE October 15, 1970 Organization Metropolitan Edison Company

7/74

46

nuclear fuel for reprocessing

Bureau No. 38-R107 S. ATOMIC ENERGY COMMISSION Revised: 2/69 QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code) FICIAL TITLE AND LOCATION PROJECT: John G. Miller Tree Mile Island Nuclear Station-Unit No. 1 Vice-President and Chief Engineer Metropolitan Edison Company, P.O. Box 542 Dauphin County Londonderry Township, Pennsylvania Reading, Pa. Phone: 215,020,3601 (Approx. 2-1/2 mi. south of Middletown, Kilowatts 19603 Projected Initial 3. DESIGNED POWER OUTPUT: (initial core) 2,535,000 2,452,000 a. Thermal capacity of reactor..... 871,000 b. Electrical capacity of plant, gross..... 845,000 831,000 810,000 Electrical capacity of plant, net..... ESTIMATED COST COST DATA: 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 170 distribution systems). 1. Land and land rights 52,970 2. Structures and improvements 65,790 3. Reactor plant equipment 52,370 POOR ORIGINA 11,510 4. Turbogenerator Accessory electric equipment 1,420 Miscellaneous power plant equipment 184,230 Total Nuclear Production Plant \$ 83,616 8. Cummulative costs to date b. Training Research and Development First Reload Initial Core Spares 1,820 d. Fuel Fabrication 1. Cost*, thousands of dollars 6.549 56 2. Number of assemblies 25,380 80,780 3. Kilograms of U-238 2,150 4. Kilograms of U-235 5. Other (specify kgs of Th, Pu, U-233) *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) e. First operation at plant's a. Application for construction design full power 5/03/67 Plant placed in commercial Start of construction at 7/72 operation 8/01/67 site First discharge of nuclear fuel Application for facility First shipment of irradiated

PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF June 15, 1970 Metropolitan Edison Company SUPMITTED BY: Organization J. G. Miller Vice-President & Chief Signature T. Engineer

5/03/67_

2/15/72

license

First criticality

S. ATOMIC ENERGY COMMISSION Revised: 2/69 QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code) OFFICIAL TITLE AND LOCATION PROJECT: John G. Miller ree Mile Island Nuclear Station-Unit #1 Vice President and Chief Engineer Metropolitan Edison Company P.O. Box 5/2 Dauphin County Londonderry Township, Pennsylvania Reading, Pa Phone: 215-329-3601 (Approx. 2-1/2 mi. south of Middletown, Pal. Megawatts 19603 Projected Initial DESIGNED POWER OUTPUT: (initial core) 2,535,000 2,452,000 a. Thermal capacity of reactor..... 871,000 845,000 Electrical capacity of plant, gross..... 831,000 810,000 Electrical capacity of plant, net..... ESTIMATED COST DATA: COST (in thousands) 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). 170 1. Land and land rights 52,970 POOR ORIGINA 2. Structures and improvements 65,790 3. Reactor plant equipment 52,370 4. Turbogenerator 11,510 Accessory electric equipment 1,420 Miscellaneous power plant equipment 184,230 63,137 Total Nuclear Production Plant \$ 8. Cummulative costs to date b. Training Research and Development First Reload Spares Initial Core Fuel Fabrication 1,820 \$ 6,549 1. Cost*, thousands of dollars 56 177 2. Number of assemblies 25,380 80,780 3. Kilograms of U-238 2,150 4. Kilograms of U-235 5. Other (specify kgs of Th, Pu, U-233) *Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233. CHRONOLOGY: (month and year) (estimated date if events have not occurred) First operation at plant's a. Application for construction 3/31/72 design full power permit Plant placed in commercial Start of construction at 5/31/72 operation First discharge of nuclear fuel12/15/73 Application for facility First shipment of irradiated 5/03/67 license 5/15/74 nuclear fuel for reprocessing First criticality PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 15, 1970 DATE April 14, 1970 SUBMITTED BY: Organization Metropolitan Euleon Company John G. Miller

Signature

Vice President and Chief

Engineer

Form Approved Budget Bureau No. 38-R107 , S. ATOMIC ENERGY COMMISSION QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION PERSON TO BE CONTACTED: (Name, Title, and Address Including ZIP Code) FFICIAL TITLE AND LOCATION John G. Miller PROJECT: Three Mile Island Nuclear Station-Unit No. 1 Vice President and Chief Engineer Metropolitan Edison Company P. O. Box 542 Dauphin County Rog., Pa. Phone: 215-920-3601 Londonderry Township, Pennsylvania (Approx. 2-1/2 mi. south of Middletown, Pb.) Megawatts 19603 Projected Initial 3. DESIGNED POWER OUTPUT: (initial core) 2,535,000 a. Thermal capacity of reactor 871,000 b. Electrical capacity of plant, gross..... 831,000 c. Electrical capacity of plant, net..... ESTIMATED COST COST DATA: (in thousands) 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). . 170 1. Land and land rights 50,890 2. Structures and improvements 64,780 POOR ORIGINAL 3. Reactor plant equipment 51,700 11,050 4. Turbogenerator . Accessory electric equipment 1,380 Miscellaneous power plant equipment Total Nuclear Production Plant Cummulative costs to date b. Training c. Research and Development First Reload Spares Initial Core \$ 1,820 Fuel Fabrication 6,549 1. Cost*, chousands of dollars 56 177 2. Number of assemblies 25,380 8 ,780 820 3. Kilograms of U-238 2,150 Kilograms of U-235 5. Other (specify kgs of Th, Pu, U-233) *Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233. CHRONOLOGY: (month and year) (estimated date if events have not occurred) e. First operation at plant's a. Application for construction design full power Plant placed in commercial permit Start of construction at operation

3/31/7 5/31/7 First discharge of nuclear fuel12/15/7 Application for facility h. First shipment of irradiated nuclear fuel for reprocessing license First criticality d. 26.5 PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF December 15, 1969 DATE January 9, 1970 Metropolitan Edison Company SUPMITTED BY: Organization John G. Miller Vice President and Chief Engineer Signature

Form Approved Budget Bureau No. 38-R107

A/A 5.3 QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION PERSON TO BE CONTACTED: (Name, Title, OFFICIAL TITLE AND LOCATION and Address Including ZIP Code) F PROJECT: Inree Mile Island Nuclear Station-Unit John G. Miller Vice President & Chief Engineer Metropolitan Edison Company, P.O.Box 542 Dauphin County Londonderry Township, Pennsylvania Reading, Pa. 19603 phone: 215-929-3601 (approx. 25 mi. south of Middletown, Pa. Megawatts Projected Initial DESIGNED POWER OUTPUT: (initial core) 2,535,000 a. Thermal capacity of reactor..... 871,000 b. Electrical capacity of plant, gross..... 831,000 c. Electrical capacity of plant, net...... ESTIMATED COST DATA: COST Nuclear Production Plant (Include the costs of engineering services (in thousands) 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). 160 1. Land and land rights POOR ORIGINA 45,190 2. Structures and improvements 57,810 3. Reactor plant equipment 47,890 Turbogenerator 9,720 Accessory electric equipment 1,330 Miscellaneous power plant equipment Total Nuclear Production Plant 142,14147 \$ Cummulative costs to date \$ Training c. Research and Development First Reload Spares Initial Core Fuel Fabrication 1,820 \$ 6,549 1. Cost*, thousands of dollars 56 177 2. Number of assemblies 80,780 3. Kilograms of U-238 820 2,150 4. Kilograms of U-235 0 5. Other (specify kgs of Th, Pa, U-233) *Does / / Does Not /X/ include costs of uranium, thorium, plutonium or U-233. CHRONOLOGY: (month and year) (estimated date if events have not occurred) e. First operation at plant's a. Application for construction design full power permit Plant placed in commercial Start of construction at operation First discharge of nuclear fuel 12 Application for facility First shipment of irradiated license nuclear fuel for reprocessing First criticality October 15, 1969 PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF October 8, 1969 DATE SURMITTED BY: Metropolitan Edison Company Ralph E. Neidig Organization

Signature

Vice President Engineering

Form Approved Budget Bureau No. 38-R107

| | S OF REACTOR CONSTRUCTION |
|---|--|
| OFFICIAL TITLE AND LOCATION | and Address Including ZIP Code) |
| PROJECT: Mile Island Nuclear Station - Unit #1 Aphin County Alcohology Township, Pennsylvania Approx. 2 1/2 mi. South of Middletown, Pa.) | Ralph E. Neidig Vice President Engineering Metropolitan Edison Co., P.O. Box 542 Reading, Pa. Phone: 215-929-3601 |
| prox. 2 1/2 mi. South of Mississian | Megawatts |
| | Initial |
| DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor b. Electrical capacity of plant, gross | 2,535,000 871,000 |
| mi canacity of Didne, nec. | 831,000 |
| COST DATA: | EST:MATED CCST |
| Nuclear Production Plant (Include the costs of | f orgineering services (in thousands) |
| 1. Fuel Fabrication 1. Cost*, thousands of dollars 2. Number of assemblies 3. Kilograms of U-238 | OR ORGINAL 58,750 48,480 9,660 1,310 \$ 162,115 \$ 31,925 \$ 1,170 Initial Core \$ Spares First Reload \$ 1,820 \$ 56 25,380 2,150 0 |
| 5. Other (specify kgs of in, ru, 0-233) Does // Does Not $/\overline{X}$ / include costs of uranium, | thorium, plutonium or U-233. |
| | e. First operation at plant's design full power f. Plant placed in commercial operation g. First discharge of nuclear fuel4/1/73 h. First shipment of irradiated nuclear fuel for reprocessing. 9/1/73 |



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,

| | JUL 14 1969 | R. E. Neidig Vice President Engineering |
|-----------|---|--|
| REN:dem | RDT:D | |
| Enclosure | RDT:AD RDT:PM RDS:AL RDT: | |
| | RDI:FF RDI:FA RDI:PE RDI:RB RDI:RI RDI:RS | POORFORIGIN |
| | SESID I | |

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION FFICIAL TITLE AND LOCATION PERSON TO BE CONTACTED: (Name, Tit OF PROJECT: and Address Including ZIP Code) Three Mile Island Nuclear Station-Unit #1 Ralph E. Neidig Vice President Engineering Metropolitan Edison Company Dauphin County Londonderry Township, Pennsylvania P.O. Box 542, Reading, (approx. 2) mi. south of Middletown, Pa. Initial Project 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 COST DATA: ESTIMATED COST Nuclear Production Plant (Include the costs of engineering services (in thousands) 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 . Accessory electric equipment 8,540 6. Miscellaneous power plant equipment 1,285 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 2. Number of assemble 3. Kilograms of U-238 4. Vilograms of U-235 2,150 5. Ther (specify kgs of Th, Pu, U-233) *Does / / Joes Not /x/ include costs of uranium, thorium, plutonium or U-233. 5. CLMONOLOGY: (month and year) (estimated date if events have not occurred) a. Application for construction e. First operation at plant's

permit 5/3/67 design full power 7/15/7 Start of construction at Plant placed in commercial operation Application for facility First discharge of nuclear fuel license First shipment of irradiated d. First criticality nuclear fuel for reprocessing PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF March 31, 1969 TED BY: DATE April 10, 1969 Na. Ralph E. Neidig Organization Metropolitan Edison Company Vice President Engineering Signature

| OFFICIAL TITLE AND LOCATION OF PROJECT: Three Mile Island Nuclear Station-Unit #1 Dauphin County Londonderry Township, Pennsylvania (approx. 22 mi. south of Middletown, Pa.) | Ralph E. Nei | CONTACTED: (Name, Tit Including ZIP Code) dig nt Engineering Edison Company Reading, Pa. 19603 hone: 215 929-3601 |
|---|---|---|
| 3. DESIGNED POWER OUTPUT: (initial core) a. Thermal capacity of reactor b. Electrical capacity of plant, gross c. Electrical capacity of plant, net d. Nameplate rating of turbogenerator (s). e. Neutron flux, maximum n/cm ² sec | Initia 2,535,00 871.00 831.00 | Kilowatts Projecte O |
| POOR ORIGINAL | TOTAL ESTIMATED COST | CUMULATIVE THRU December 31, 196 (date) |
| a. Nuclear Production Plant 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipment Total Nuclear Production Plant b. General Plant c. Total Plant d. Training | (in thouse 200 39,255 54,230 46,945 8,540 1,285 150,455 | |
| e. Research and Development f. Fuel Fabrication (initial core & spares) l. Cost l. Cost Number of assemblies (including spares) l. Total Kgs of fertile l. 80,731 l. Total Kgs of fissile l. 2,422 | 960 6,770 Pu. 0 Th | 177 |

| c. CHRONOLOGY: (month and year) (es a. Start of preliminary design b. Start of detailed engineering design c. Procurement of first major reactor component d. Start of construction at site e. Construction essentially completed | 3/1/67 8. F 3/1/67 h. P 8/1/67 i. F 4/1/71 j. F | First operation at plant's lesign full power Plant placed in commercial operation irst discharge of nuclear fuel irst shipment of irradiated uclear fuel for reprocessing | 4/1/71 7/15/71 9/15/71 4/1/73 9/1/73 |
|---|--|---|--|
| PERCENT OF PHYSICAL CONSTRUCTION CO | MPLETION AS OF | F December 31, 1968 9 | |

Name Ralph E. Neidig Organization Metropolitan Edison Company

Title Vice President Engineering Signature

OFFICIAL TITLE AND LOCATION OF PRIECT: Three Mile Island Nuclear Station Dauphin County Londonderry "

2. PERSON TO BE CONTACTED: (Name, Tit and Address Including ZIP Code) Ralph E. Neidig Vice President Engineering

| Londonderry Township, Pennsylvania (approx. 25 mi. south of Middletown, Pa.) | Metropolitan P. Box 542 | Edison Company, Reading, Pa. 19603 Phone: 215 929-3601 |
|---|---|---|
| | | Kilowatts |
| 3. DESIGNED POWER OUTPUT: (initial core) | Initi | Project: |
| a. Thermal capacity of reactor b. Electrical capacity of plant, gross c. Electrical capacity of plant, net d. Nameplate rating of turbogenerator (s). e. Neutron flux, maximum n/cm ² sec | 871, | 000 |
| 4. COST DATA: POOR ORIGINAL | TOTAL ESTIMATED COST | CUMULATIVE 58 Sept. 30, 190 (date) |
| a. Nuclear Production Plant 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipment Total Nuclear Production 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. Tot 1 Kgs of fertile U. 80,731 4. Total Kgs of fissile U. 2,422 | (in the 28 27,502 46,725 41,423 7,584 1,107 124,369 892 6,370 | |
| 5. CHRONOLOGY: (month and year) (estimated dat a. Start of preliminary design 1/1/67 f. b. Start of detailed engineering 3/1/67 g. c. Procurement of first major reactor component 3/1/67 i. e. Construction essentially completed 12/1/70 j. | First operation at design full power | plant's 3/1/70 3/1/71 mmercial 5/1/71 |

PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF September 30, 1968 ITTED BY:

4/1/14

Name Ralph E. Neidig Vice President Engineering Title

October 17, 1968 DATE Organization Metropolitan Edison Company Signature

nuclear fuel for reprocessing

METROPOLITAN EDISON COMPANY P. O. Box 542 READING, PENNSYLVANIA 19603 October 17, 1968

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

Dear Sir:

R. E. NEIDIG

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 (Item 6 on the report). The 5% completion reported now is based on this new formula and is not an error in reporting.

Very trul / yours,

R. E. Neidig

REN:D Enclosure

POOR ORIGINAL

| | And the second s | |
|---|--|--------------------------------------|
| 1. OFFICIAL TITLE AND LOCATION OF PROJECT: Three Mile Island Nuclear Station Dauphin County Londonderry Township, Pennsylvania (approx. 22 mi. south of Middletevn, Pa.) | and Address In Ralph E. Neidi Vice President Metropolitan E | Engineering |
| | Telelol | Kilowatts Projected |
| DESIGNAD POWER OUTPUT: (initial core) Thermal capacity of reactor Electrical capacity of plant, gross Electrical capacity of plant, net Nameplate rating of turbogenerator (see Neutron flux, maximum n/cm² sec | 871,0 831,0 837,1 | 000 |
| POOR ORIGINAL | TOTAL ESTIMATED COST | CUMULATIVE THRU June 30, 1968 (date) |
| a. Nuclear Production Plant | (in thou | |
| / 1. Land and land rights | 28 | ×x |
| o. Structures and improvements | 27,502 | XX |
| Reactor plant equipment | 46,725 41,423 | XX 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 | - | 5 005 |
| c. Total Plant | 124,369 | 6,295 |
| d. Training | 892 | - |
| e. Research and Development f. Fuel Fabrication (initial core & spares) | (000 | |
| f. Fuel Fabrication (initial core & spares) 1. Cost | 6,370 | |
| 2. Number of assemblies (including spare | s) | 177 |
| 3. Total Kgs of fertile U. 80,731 4. Total Kgs of fissile U. 2,422 | Pu O | Th. 0 |
| | date if events have no | |
| a. Start of preliminary design 1/1/67 | Without the contract of the con- | |
| b. Start of detailed engineering 3/1/67 design | acsign rair bower | 5/-//- |
| c. Procurement of first major 3/1/67 | h. Plant placed in | commercial 5/1/73 |
| reactor component | operación | of nuclear fuel 11/1/72 |
| d. Start of construction at site 8/1/67 e. Construction essentially | j. First discharge of | f irradiated |
| completed 12/1/70 | nuclear fuel for | reprocessing 4/1/7 |
| 6. ERCENT OF PHYSICAL CONSTRUCTION COMPLETI | ION AS OF _ June 30, 19 | |
| SUBMITTED BY: | DATE | July 17, 1968 |
| | Organization Metropoli | |
| Title Vice President Engineering | Signature | Miles and the second |

Title

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. 25 mi. south of Middletown. Pa.) |
| | Dn |

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

| M | iddletown. Fa.) | | CALPANT AND DESCRIPTION OF STREET | Pho | ne: 215 929- | 3601 |
|-------|---|---------------------|--|--|--|---|
| | P. | 200 | | | Kilowatts | |
| a | DESIGNED POWER OUTPUT: (initial) Thermal capacity of reactor Electrical capacity of plant, | | | Initial 2,535,000 871,000 | <u>P</u> | rojected |
| d | . Electrical capacity of plant, Nameplate rating of turbogene Neutron flux, maximum n/cm ² s | net rator (s) | :: | 831,000 837,400 | 0- | |
| 4. C | OST DATA: | | TOTAL | | CUMULATIV | |
| | 135,970 | | ESTIMATE COST | ED | March 31 (dat | CONTROL OF |
| a. N | uclear Production Plant | | | (in thous | ands) | |
| | . Land and land rights | | | 28 | XX | |
| | . Structures and improvements | | 27,5 | | xx | |
| 1 | . Reactor plant equipment | | 46,7 | | XX | |
| | Turbogenerator | | 41,4 | | XX | |
| 6 | . Accessory electric equipment . Miscellaneous power plant equ | | 7,5 1,1 | 84 | XX | |
| | Total Nuclear Production | Plant | The second secon | The state of the s | XX | |
| b. G | eneral Plant | ridit | 124,3 | 109 | | |
| С. | Total Plant | - | 124,3 | 69 | 4,12 | 55 |
| | raining | | The contract of the last of the contract of the last o | 92 | THE RESERVE OF THE PARTY OF THE | |
| | esearch and Development | | - | | | |
| | uel Fabrication (initial core & : | spares) | | | | |
| 1 | . Cost | | 6,3 | 70 | | |
| 2 | . Number of assemblies (including | ng spares) | | | | |
| 3 | . Total Kgs of fertile U | 80,731 | Pu. 0 | | h. | |
| 4 | . Total Kgs of fissile U | 2,422 | Pu. O | | | |
| 5. C1 | HRONOLOGY: (month and year) (es | stimated dat | e if events | have not | occurred) | |
| a | . Start of preliminary design | 1/1/67 f. | First cri | ticality | | .12/1/70 |
| р | . Start of detailed engineering | 2/2/17 8. | First ope | | plant's | |
| | design | 3/1/67 | design fu | | | 3/1/71 |
| С | 일 - L-COMPLONE (1991년) 전환 (1991년) - COMPLONE (1991년) - COMPLONE (1991년) - COMPLONE (1991년) - COMPLONE (1991년) | 3/1/67 h. | | iced in con | nmercial | e /2 /m |
| d | reactor component Start of construction at site | - | operation | | | 5/1//1 |
| e. | | my free of the same | | | nuclear fuel | 11/1/72 |
| | completed | 12/1/70 j. | | | irradiated eprocessing | 4/1/74 |
| 5. | RCENT OF PHYSICAL CONSTRUCTION (| COMPLETION A | S OF March | 31, 1968 | | 3 % |
| SUBMO | TTED BY: | | | | 1 9 1069 | 79 |
| Name_ | Ralph E. Neidig | 0 | | | 1 8, 1968 Edison Compa | inv. |
| Citle | | | ture | CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. | - el-e | |
| | | O LElia | CULC | 100/1 | and the threat | |

Signature

Title Vice Fresident Engineering

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION

| ` | OFFICIAL TITLE AND LOCATION OF PROJECT: Tores Wile Johnd Muclear Station Daughin County Le Londerry Tornship, Pennsylvania's (approx. 25 ti. south of Niddletown, Pa.) AIA. 42 | 2. PERSON TO BE Cond Address In Ralph B. Neidi Vice President Petropolitan B P.O.Box 5-2 Reading, Pn. 15 | ONTACTED: (Name, Title cluding ZIP Code) Engineering dison Company 603 215 929-3601 | |
|--------------|--|---|---|--|
| 3. | DESIGNED POWAR GUTPUT: (initial core) a. Thermal emacity of reactor b. Electrical capacity of plant, gross c. Electrical capacity of plant, net d. Nameplate ratio, of turbogenerator (s). e. Neutron flux, maximum n/cm² sec | Kilowatts Projecte | | |
| 4. | POOR ORIGINA | TOTAL ESTIMATED COST | CUMULATIVE THRU December 31, 190 (date) | |
| b. c.d. e.t. | Nuclear Production Plant 1. Lend and lend rights 2. Structures and improvements 3. Reactor plant equipment . Turbogenerator . Accessory electric equipment Total Nuclear Production Plant General Plant Total Plant Training Research and Development Fuel Pabrication (initial core & spares) 1. Cost 2. Number of assemblies (including spares) 3. Total Kgs of fertile 4. Total Kgs of fissile U. 80.731 4. Total Kgs of fissile U. 2.422 | (in thou 28 27,502 46,725 41,423 7,584 1.107 124,369 592 | sands) XX XX XX XX XX XX XX XX XX | |
| 6 | b. Start of detailed engineering design 3/1/67 c. Procurement of first major 3/1/67 h reactor component 3/1/67 in e. Construction essentially completed 12/1/70 **RCENT OF PHYSICAL CONSTRUCTION COMPLETION | t. First crit_ ality c. First operation at design full power operation design first discharge of nuclear fuel for r | 12/1/70 3/1/71 3/1/71 5/1/71 11/1/72 irradiated 4/1/74 | |
| SUL- Name | A TTED BY: Rulph: E. Neidig Orga | DATE_ Januarization Metropolitan | ery 15, 1968 | |

Signature

Polleck Del, Giambasse, WY man

Form HQ-254 Revised 5/66

U.S. ATOMIC ENERGY COMMISSION

Form Approved Budget Bureau No. 38-R107

QUARTERLY PROGRESS REPORT ON STATUS OF REACTOR CONSTRUCTION OFFICIAL TITLE AND LOCATION 2. PERSON TO BE CONTACTED: (Name, Title, and OF PROJECT: Address Including ZIP Code) Three Mile Island Muclear Station Ralph E. Neidig Dauphin County Vice President Engineering Londonderry Township, Pennsylvania (approx. 25 mi. scath of Middletown, Pa.) Metropolitan Edison Company P.O. Box 542 Reading, Pa. 19603 Phone: 215 929-3601 DESIGNED POWER OUTPUT: (initial core) 2,535,000 a. Thermal capacity of reactor (Kw)..... 16,000 b. Thermal capacity of plant, non-nuclear (Kw)...... 871,000 c. Electrical capacity of plant, gross (Kw)..... 831,000 d. Electrical capacity of plant, net (Kw)..... 837,400 e. Nameplate rating of turbogenerator(s) (Kw)...... f. Neutron flux, maximum n/cm2 sec..... COST DATA: (in thousands CUMULATIVE THRU ESTIMATED (date) Nuclear Production Plant a. 1. Land and land rights XX 24,899 2. Structures and improvements XX 28,251 3. Reactor plant equipment XX 45,880 4. Turbogenerator XX 5,800 5. Accessory electric equipment XX 974 6. Miscellaneous power plant equipment XX 105,896 Total Nuclear Production Plant 11,475 General Plant 1320 127,371 C. Total Plant 42 d. Training 0 e. Research and Development f. Fuel Fabrication (initial core & spares) 6,370 2. Number of assemblies (including spares) 3. Total Kgs of fertile U. 80,731 4. Total Kgs of fissile U. 2,422 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 a. Start of preliminary design f. First criticality b. Start of detailed engineering g. First operation at plant's 3/1/67 design design full power c. Procurement of first major h. Plant placed in commercial 3/1/67 reactor component operation 6/1/67 d. Start of construction at site i. First discharge of nuclear fuel e. Construction essentially j. First shipment of irradiated 12/1/70 completed nuclear fuel for reprocessing

Name Ralph E. Neidig Organization Netropolitan Edison Company
Title Vice President Engineering Signature

PERCENT OF PHYSICAL CONSTRUCTION COMPLETION AS OF

Sept. 30, 1967

- 2

INSTRUCTIONS FOR PREPARATION OF AEC FORM HQ-254 GENERAL INFORMATION

- 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.
- 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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|----------------|--|--|--|--|---|---------------------------------------|
| | OFFICIAL TITLE AND LOCATION OF PROJECT: Three Mile Island Muclear Station Deuphin County Londonderry Township, Pennsylvania (approx. 22 mi. south of Middletown, Pa.) | Ralph Vice I Metro P.O. | E. Neid Presiden Politan Box 542 | uding ZIP | ing | |
| 3. | DESIGNED POWER OUTPUT: (initial co a. Thermal capacity of reactor (Kw) b. Thermal capacity of plant, non-n c. Electrical capacity of plant, gr d. Electrical capacity of plant, ne e. Nameplate rating of turbogenerat f. Neutron flux, maximum n/cm ² sec. | uclear (Kw) oss (Kw) t (Kw) or(s) (Kw). | | 8 | 35,000 16,000 571,000 31,000 37,400 | |
| 4. | COST DATA: (in thousands) | OHIA | TOTAL ESTIMATI COST | ED | June 30, 1 | .967 |
| a. b. c. d. e. | Nuclear Production Plant 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipm Total Nuclear Production Pl. General Plant Total Plant Training Research and Development | ant | 0 32,861 34,636 30,524 7,223 1,184 106,432 2,500 108,932 | | xx xx xx xx xx xx xx | |
| f. | Fuel Fabrication (initial core & sp. 1. Cost 2. Number of assemblies (including and an arrangement) 3. Total Kgs of fertile U. 80, 4. Total Kgs of fissile U. 2, | spares) | 6,370 Pu. Pu. | 0 0 | 177 Th. 0 | - |
| 5. | a. Start of preliminary design b. Start of detailed engineering design c. Procurement of first major reactor component d. Start of construction at site e. Construction essentially | 1/67 f. 1/67 h. 1/67 i. 1/67 j. | First or design if Plant pl operation First di | riticality peration a full power laced in con scharge of | t plant's | 2/1/70 3/1/71 5/1/71 11/1/72 |
| 6. | PERCENT OF PHYSICAL CONSTRUCTION CON | APLETION AS | of Jun | e 30, 196 | 7 | 0 % |

.UBMITTED BY:

Name Reigh E. Meidig
Title Vice President Engineering

DATE June 22, 1967
Organization Metropolitan Edison Company

Signature //24th

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| TRUCTION 5-10 |
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| OFFICIAL TITLE AND LOCATION OF PROJECT: Three Mile Island Buclear Station Daughin County Londonderry Township, Pennsylvania (approx. 25 mi. south of Middletown, Pa.) | 2. PERSON TO BE CON Address Including Ralph E. Meidig Vice President E Metropolitan Edit P.O. Box 542 Reading, Po. 19 | ngincering son Company | |
|---|--|---|--|
| c. Electrical capacity of plant, gro d. Electrical capacity of plant, net e. Nameplate rating of turbassas | OUTPUT: (initial core) acity of reactor (Kw). acity of plant, non-nuclear (Kw). capacity of plant, gross (Kw). capacity of plant, net (Kw). ating of turbogenerator(s) (Kw). x, maximum n/cm ² sec | | |
| 4. COST DATA: (in thousands) | TOTAL ESTIMATED COST | CUMULATIVE THRU | |
| a. Nuclear Production Plant 1. Land and land rights 2. Structures and improvements 3. Reactor plant equipment 4. Turbogenerator 5. Accessory electric equipment 6. Miscellaneous power plant equipmen Total Nuclear Production Plant | OR ORIGINAL | xx xx xx xx xx xx xx | |
| c. Total Plant d. Training e. Research and Development f. Fuel Fabrication (initial core & spare l. Cost | es) | | |
| 2. Number of assemblies (including spa 3. Total Kgs of fertile 4. Total Kgs of fissile U. | PuPu | Th | |
| 5. CHRONOLOGY: (month and year) (estimated a. Start of preliminary design b. Start of detailed engineering design c. Procurement of first major reactor component d. Start of construction at site e. Construction essentially completed 12/1/1 | 67 6. First operation design full power operation i. First discharge j. First shipment nuclear fuel for the following state of the foll | n at plant's wer a commercial $5/1/7$ of irradiated | |
| PERCENT OF PHYSICAL CONSTRUCTION COMPLE | TION AS OF May 1, 1967 | | |

MITTED BY: Reidig

Title Vice President Engineering

Signature

Organization Mctropolitan Laison Conjuny