

AmerGen

A PECO Energy/British Energy Company

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Three Mile Island Unit 1
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8928-00-20010

January 13, 2000

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: Three Mile Island Unit I (TMI Unit 1)
Operating License No. DPR-50
Docket No. 50-289
Monthly Operating Report for December 1999

Gentlemen:

Enclosed are two copies of the December 1999 Monthly Operating Report for Three Mile Island Unit 1. The content and format of information submitted in this report is in accordance with the guidance provided by Generic Letter 97-02.

Sincerely,



John B. Cotton
Vice President, TMI Unit 1

WGH

cc: Administrator, Region I - Hubert J. Miller
TMI Senior Resident Inspector - Wayne L. Schmidt
File 99001

IE24

APPENDIX A
 OPERATING DATA REPORT

DOCKET NO. 50-289
 DATE January 13, 2000
 COMPLETED BY W. HEYSEK
 TELEPHONE (717) 948-8191

REPORTING PERIOD: December 1999

| | <u>MONTH</u> | <u>YEAR TO</u> <u>DATE</u> | <u>CUMULATIVE</u> |
|---|--------------|-------------------------------|-------------------|
| 1. DESIGN ELECTRICAL RATING (MWe NET). The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design. | 819.0 | ** | ** |
| 2. MAXIMUM DEPENDABLE CAPACITY (MWeNET). The gross electrical output as measured at the output terminals of the turbine generator during the most restrictive seasonal conditions minus the normal station service loads. | 786.0 | ** | ** |
| 3. NUMBER OF HOURS REACTOR WAS CRITICAL. The total number of hours during the gross hours of the reporting period that the reactor was critical. | 744.0 | 7,857.7 | 142,329.4 |
| 4. HOURS GENERATOR ON LINE. (Service Hours) The total number of hours during the gross hours of the reporting period that the unit operated with the breakers closed to the station bus. The sum of the hours that the generator was on line plus the total outage hours in the reporting period. | 744.0 | 7,828.0 | 141,097.0 |
| 5. UNIT RESERVE SHUTDOWN HOURS. The total number of hours during the gross hours of the reporting period that the unit was removed from service for economic or similar reasons but was available for operation. | 0.0 | 0.0 | 0.0 |
| 6. NET ELECTRICAL ENERGY (MWH). The gross electrical output of the unit measured at the output terminals of the turbine generator minus the normal station service loads during the gross hours of the reporting period, expressed in megawatt hours. Negative quantities should not be used. | 615,262.0 | 5,328,412.0 | 110,450,048.0 |

** Design values have no "Year to Date" or "Cumulative" significance.

APPENDIX B
 UNIT SHUTDOWNS

DOCKET NO. 50-289

DATE January 13, 2000
 COMPLETED BY W. HEYSEK
 TELEPHONE (717) 948-8191

REPORTING PERIOD: December 1999

| No | Date | Type | Duration (Hours) | Reason ¹ | Method of Shutting Down Reactor ² | Cause & Corrective Action to Prevent Recurrence |
|------|------|------|------------------|---------------------|--|---|
| None | | | | | | |

1
 F Forced
 S Scheduled

2
 Reason
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & Licensing Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

SUMMARY: The plant entered the month operating at full power and continued to operate at full power through approximately 2000 on December 31, 1999 when a regional independent system operator (PJM) mandated power reduction was initiated. PJM reduced nuclear generation to achieve a more appropriate generation mix in anticipation of an unknown load profile associated with Y2K. The plant was reduced in power to 85% and remained at that power level to the close of the month.