

AmerGen Energy Company, LLC  
Three Mile Island Unit 1  
Route 441 South, P.O. Box 480  
Middletown, PA 17057

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An Exelon Company

November 10, 2004  
5928-04-20243

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

THREE MILE ISLAND UNIT 1 (TMI UNIT 1)  
OPERATING LICENSE NO. DPR-50  
DOCKET NO. 50-289

SUBJECT: MONTHLY OPERATING REPORT FOR OCTOBER 2004

Enclosed are two copies of the October 2004 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,



Glen E. Chick  
Plant Manager

GEC/awm

Enclosure: Appendix A, and Appendix B

cc: Administrator, Region I  
TMI-1 Senior Resident Inspector  
File 04001

JE24

APPENDIX A  
OPERATING DATA REPORT

DOCKET NO. 50-289  
DATE November 10, 2004  
COMPLETED BY A. W. MILLER  
TELEPHONE (717) 948-8128

REPORTING PERIOD: October 2004

|  | <u>MONTH</u> | <u>YEAR TO</u><br><u>DATE</u> | <u>CUMULATIVE</u> |
|--|--------------|-------------------------------|-------------------|
| 1. DESIGN ELECTRICAL RATING (MWe NET).<br>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 (MWe NET).<br>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.  | 802.0        | **                            | **                |
| 3. NUMBER OF HOURS REACTOR WAS CRITICAL.<br>The total number of hours during the gross hours of the reporting period that the reactor was critical.  | 745.0        | 7,320.0                       | 182,197.9         |
| 4. HOURS GENERATOR ON LINE.<br>(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. | 745.0        | 7,320.0                       | 180,583.2         |
| 5. UNIT RESERVE SHUTDOWN HOURS.<br>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).<br>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.     | 628,330.0    | 6,071,337.0                   | 143,799,336.4     |

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

# APPENDIX B UNIT SHUTDOWNS

DOCKET NO. 50-289  
DATE November 10, 2004  
COMPLETED BY A. W. MILLER  
TELEPHONE (717) 948-8128

REPORTING PERIOD: October 2004

| No | Date | Type <sup>1</sup> | Generator<br>Off Line<br>Duration<br>(Hours) | Reason <sup>2</sup> | Method of<br>Shutting<br>Down<br>Reactor <sup>3</sup> | Cause & Corrective<br>Action to<br>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 unit began the month of October at a nominal 100% power level. On October 28, at approximately 00:08, a small (5 MWe) unplanned power reduction occurred. This was caused by a failure of an electrical component in the integrated control system. Power level was restored to nominal full power at approximately 05:05 on the same day, and remained there for the remainder of the month. There were neither planned nor unplanned power level changes of > 20% during the month.