

AmerGen Energy Company, LLC  
Three Mile Island Unit 1  
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Middletown, PA 17057

Telephone: 717-944-7621

An Exelon/British Energy Company

January 14, 2002  
5928-02-20005

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

Dear Sir or Madam:

SUBJECT: THREE MILE ISLAND UNIT I (TMI UNIT 1)  
OPERATING LICENSE NO. DPR-50  
DOCKET NO. 50-289  
MONTHLY OPERATING REPORT FOR DECEMBER 2001

Enclosed are two copies of the December 2001 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,



George H. Gellrich  
Plant Manager

GHG/awm

Enclosure: Appendix A, and Appendix B

cc: Administrator, Region I  
TMI-1 Senior Resident Inspector  
File 02001

IE24

APPENDIX A  
OPERATING DATA REPORT

DOCKET NO. 50-289  
DATE January 14, 2002  
COMPLETED BY A. W. MILLER  
TELEPHONE (717) 948-8128

REPORTING PERIOD: December 2001

	<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 (MWe NET). 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.	658.3	7,372.9	158,486.3
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.	605.6	7,020.0	156,901.0
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.	491,028.0	5,416,658.8	123,011,516.4

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

APPENDIX B  
UNIT SHUTDOWNS

DOCKET NO. 50-289  
DATE January 14, 2002  
COMPLETED BY A. W. MILLER  
TELEPHONE (717) 948-8128

REPORTING PERIOD: December 2001

No	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Cause & Corrective Action to Prevent Recurrence
						None

- <sup>1</sup>  
F Forced  
S Scheduled
- <sup>2</sup>  
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)

- <sup>3</sup>  
Method  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

SUMMARY: The plant entered December in the final stage of a refueling shutdown mode and achieved criticality at 13:45 on December 4, 2001. The Generator was placed on-line at 1825 on December 6, 2001. The plant achieved 100 % power on December 9, 2001 and remained at 100% power for the remainder of the month.