

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

August 10, 2004
5928-04-20198

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

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

SUBJECT: MONTHLY OPERATING REPORT FOR JULY 2004

Enclosed are two copies of the July 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,



George H. Gellrich
Plant Manager

GHG/awm

Enclosure: Appendix A, and Appendix B

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

IE24

APPENDIX A
 OPERATING DATA REPORT

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

REPORTING PERIOD: July 2004

	<u>MONTH</u>	<u>YEAR TO 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.	802.0	**	**
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	5,111.0	179,988.9
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	5,111.0	178,374.2
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.	593,084.0	4,238,112.0	141,966,111.4

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

APPENDIX B
 UNIT SHUTDOWNS

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

REPORTING PERIOD: July 2004

No	Date	Type ¹	Generator Off Line Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Cause & Corrective Action to Prevent Recurrence
						None

¹
 F Forced
 S Scheduled

²
 Reason
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refuelling
 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 July at a nominal 100% power level. On July 14, at approximately 01:00, thermal power was reduced approximately 20 MWth due to heater drain piping vibrations. At 16:48 on the same day, power level was reduced to approximately 90% to facilitate troubleshooting of a control valve. On July 17, at approximately 21:40 (following completion of troubleshooting) power level was restored to nominal 100%. On July 18, at approximately 01:50, power level was reduced to 95% following return of the piping vibrations. After further troubleshooting, on July 18 at approximately 18:36, power level was restored to nominal 100%. On July 21, at 22:19, power level was reduced to approximately 90% following return of the piping vibrations. On July 24, after isolation of a degraded control valve in the heater drain system, power level was restored to nominal full power at 13:12. The unit remained at nominal full power for the remainder of the month.