



GPU Nuclear, Inc.  
Route 441 South  
Post Office Box 480  
Middletown, PA 17057-0480  
Tel 717-944-7621

December 11, 1997

6710-97-2504

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

Gentlemen:

Subject: Three Mile Island Nuclear Station, Unit 1 (TMI-1)  
Operating License No. DPR-50  
Docket No. 50-289  
Monthly Operating Report for November 1997

Enclosed are two copies of the November 1997 Monthly Operating Report for Three Mile Island Nuclear Station, 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,

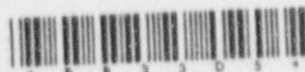
J. W. Langenbach  
Vice President and Director, TMI

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cc: Administrator, Region 1  
TMI Senior Resident Inspector  
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APPENDIX A  
OPERATING DATA REPORT

DOCKET NO. 50-289

DATE December 11, 1997

COMPLETED BY W. HEYSEK

TELEPHONE (717) 948-8191

REPORTING PERIOD: NOVEMBER 1997

		<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.	*	*
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.	551.8	6,640.6
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.	545.6	6,600.7
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
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.	440,925.0	5,303,809.0

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

APPENDIX B  
UNIT SHUTDOWNS

DOCKET NO. 50-289  
DATE December 11, 1997  
COMPLETED BY W. HEYSEK  
TELEPHONE (717) 948-8191

REPORTING PERIOD: NOVEMBER 1997

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
2	11/3- 11/11/97	F	176	A	1* See summary below.	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 was shutdown on November 3, generator breakers opened at 2142 hours and the reactor tripped at 2302 hours on November 3, for the purpose of repairing an instrument line leak. The plant remained shutdown until 0445 hours on November 10, 1997 when plant heat up was commenced. The reactor was made critical at 2245 hours on November 10, 1997. The outage was considered complete with the closure of the generator breakers at 0441 hours on November 11, 1997. The plant achieved 100% power at 1350 hours on November 11, 1997 and remained at that power level through the end of the month.