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January 13, 1998

6710-97-2535

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 December 1997

Enclosed are two copies of the December 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

WGH

cc: Administrative, Region I
TMI Senior Resident Inspector
97001

IE241



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APPENDIX A
OPERATING DATA REPORT

DOCKET NO. 50-289
DATE January 13, 1998
COMPLETED BY W. HEYSEK
TELEPHONE (717) 948-8191

REPORTING PERIOD: DECEMBER 1997

		<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	7,384.6	125,711.7
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	7,343.7	124,509.0
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.	614,961.0	5,918,770.0	97,062,434.1

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

APPENDIX B
UNIT SHUTDOWNS

DOCKET NO. 50-289
DATE January 13, 1998
COMPLETED BY W. HEYSEK
TELEPHONE (717) 948-8191

REPORTING PERIOD: DECEMBER 1997

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 100% power and remained at that power level through the end of the month.