AmerGen

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An Exelon/British Energy Company

November 13, 2003
5928-03-20229

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 OCTOBER 2003

Enclosed are two copies of the October 2003 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.

Additionally, as required by Technical Specification 3.24, information is provided on the status of the Reactor Vessel Water Level Instrumentation System. On January 25, 2003, both channels of the Reactor Vessel Water Level Instrumentation System were isolated. Information on the cause for this isolation, the action being taken and the projected date for return to operable status are contained in the summary section of Appendix B.

Sincerely,

George H. Gellrich
Plant Manager

GHG/awm

Enclosure: Appendix A, and Appendix B

cc: Administrator, Region I
TMI-1 Senior Resident Inspector
File 03001

IE24

APPENDIX A
OPERATING DATA REPORT

DOCKET NO. 50-289
DATE November 13, 2003
COMPLETED BY A. W. MILLER
TELEPHONE (717) 948-8128

REPORTING PERIOD: October 2003

		MONTH	YEAR TO DATE	CUMULATIVE
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.	413.5	6,964.5	174,210.8
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.	408.2	6,959.2	172,620.2
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.	309,494.0	5,786,258.0	137,309,184.4

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

APPENDIX B
UNIT SHUTDOWNS

DOCKET NO. 50-289
DATE November 13, 2003
COMPLETED BY A. W. MILLER
TELEPHONE (717) 948-8128

REPORTING PERIOD: October 2003

No	Date	Type[1]	Generator Off Line Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Cause & Corrective Action to Prevent Recurrence
1	10/18/03	S	336.8	C	1	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 October at approximately 98% power. On October 18, at approximately 00:11, the generator was taken off-line for a planned refueling outage. The reactor was manually scrammed at approximately 05:32. The plant ended the month in a refueling shutdown.

SUMMARY (continued)

On January 23, 2003, an inspection in the basement area of the Reactor Building (inside the "B" D-Ring) identified a RCS leak on the line associated with the Reactor Vessel Water Level Instrumentation System. The leak, at a ¾ inch to ½ inch reducing fitting, was isolated by closing the two Reactor Vessel Water Level Instrumentation System isolation valves on January 25, 2003. The closing of these valves results in both channels of the Reactor Vessel Water Level Instrumentation System being inoperable. Since it is not feasible to repair this leak during power operation without incurring significant radiological exposure, both channels of the Reactor Vessel Water Level Instrumentation System will remain inoperable till the next scheduled refueling outage.

Continued power operations with both channels of the Reactor Vessel Water Level Instrumentation System inoperable is allowed in accordance with Technical Specification (TS) 3.24. TS 3.24 states that if at least one channel is not restored within seven days, details are required to be provided in this report. These details must include cause, action being taken, and projected date for return to operable status.

Both channels of the Reactor Vessel Water Level Instrumentation System are inoperable because isolation valves are closed to mitigate a RCS leak on the instrumentation line associated with the Reactor Vessel Water Level Instrumentation System. The repair activities are completed with the exception of the post-maintenance testing, which will be performed prior to reactor criticality (currently scheduled for November 2003).