

OPERATING DATA REPORT

DOCKET NO. 50-289
 DATE June 14, 1982
 COMPLETED BY C. W. Smyth
 TELEPHONE (717) 948-8551

OPERATING STATUS

1. Unit Name: Three Mile Island Nuclear Station, Unit I
2. Reporting Period: May, 1982
3. Licensed Thermal Power (MWt): 2535
4. Nameplate Rating (Gross MWe): 871
5. Design Electrical Rating (Net MWe): 819
6. Maximum Dependable Capacity (Gross MWe): 840
7. Maximum Dependable Capacity (Net MWe): 776
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.</u>	<u>3623.</u>	<u>67896.</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>0.0</u>	<u>31731.8</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>839.5</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>0.0</u>	<u>31180.9</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0.0</u>	<u>0.0</u>	<u>76531071.</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.</u>	<u>0.</u>	<u>25484330.</u>
18. Net Electrical Energy Generated (MWH)	<u>0.</u>	<u>0.</u>	<u>23840053.</u>
19. Unit Service Factor	<u>0.0</u>	<u>0.0</u>	<u>45.9</u>
20. Unit Availability Factor	<u>0.0</u>	<u>0.0</u>	<u>45.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>0.0</u>	<u>44.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>0.0</u>	<u>42.9</u>
23. Unit Forced Outage Rate	<u>100.0</u>	<u>100.0</u>	<u>48.5</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289
 UNIT TMI-I
 DATE June 14, 1982
 COMPLETED BY C. W. Smyth
 TELEPHONE (717) 948-8551

MONTH May, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

50-289

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. TMI-1
 UNIT NAME June 14, 1982
 DATE C. W. Smyth
 COMPLETED BY (717) 948-8551
 TELEPHONE

REPORT MONTH May, 1982

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
I	5/1/82	F	744	D	I				Regulatory Restraint Order

- 1 F: Forced
 S: Scheduled
- 2 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)
- 3 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
- 4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (L.E.R) File (NUREG-0161)
- 5 Exhibit I - Same Source

OPERATING SUMMARY

The Unit was in a cold shutdown the entire month by order of the NRC. Core cooling was provided by the Decay Heat Removal System.

MAJOR SAFETY RELATED MAINTENANCE

During the month of May OTSG repair activities progressed and restart modifications continued. The following major maintenance items were performed.

- . The Once Through Steam Generator (OTSG) Program continued with Eddy Current Testing being performed on both OTSGs. Four (4) tubes were pulled on the "A" generator and six (6) tubes were pulled on the "B" generator. Preparations are being made for the OTSG Tube Stabilization Program.
- . Reactor Vessel Head Removal, Inspection, and Reinstallation progressed this month with the following work being performed.
 1. Retorqued Incores.
 2. Evaluated Data From U.T. of CRDM Motor Tube.
 3. Removed FTC Seal Plate.
 4. Installed Indexing Fixture.
 5. Removed Flange Hole Plugs.
 6. Evaluated Data From Baffle Bolt Inspection.
 7. Drained RCS Level For Plenum Installation.
 8. Installed Plenum.
 9. Cleaned/Inspected Stud Holes.
 10. Inspected Head O-Ring Groove.
 11. Performed Repairs to Vent Valve TC Flange.
 12. Removed Indexing Fixture.
 13. Installed New Reactor Vessel Head O-Rings.
 14. Rigged And Installed Reactor Vessel Head.
 15. Removed Alignment Studs.
 16. Unparked RV Studs.
 17. Tensioned Reactor Vessel Head.
 18. Coupled CRDMs.
 19. Performed RT Inspection Of CRDM 68 After Coupling.
 20. Filled And Vented IC Lines.
 21. Coupled APSRs.
 22. Reinstalled RV Insulation.

All inspections were performed with satisfactory results. This program will continue into the next month.

- . Nuclear Services Cooler (NS-C-1D) work continued with Eddy Current Testing performed on approximately 400 tubes. Waterbox surfaces were recoated with an epoxy compound.
- . Emergency Feed Pump Turbine (EF-U-1) Repairs consisted of replacing the Emergency Valve Trip Lever Connection.

REFUELING INFORMATION REQUEST

1. Name of Facility:

Three Mile Island Nuclear Station, Unit I

2. Scheduled date for next refueling shutdown:

Unknown

3. Scheduled date for restart following refueling:

Unknown

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If answer is yes, in general, what will these be?

If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

If no such review has taken place, when is it scheduled?

Amendment No. 50, Cycle 5 reload, was approved on 3-16-79.

5. Scheduled date (s) for submitting proposed licensing action and supporting information:

N/A

6. Important licensing considerations associated with refueling, e.g. new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:

N/A

7. The number of fuel assemblies (a) in the core, and (b) in the spent fuel storage pool:

(a) 177

(b) 208

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

The present licensed capacity is 752. There are no planned increases at this time.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

1987 is the last refueling discharge which allows full core off-load capacity (177 fuel assemblies).

OPERATING DATA REPORT

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 10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.	3623.	67896.
12. Number Of Hours Reactor Was Critical	0.0	0.0	31731.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	839.5
14. Hours Generator On-Line	0.0	0.0	31180.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	0.0	76531071.
17. Gross Electrical Energy Generated (MWH)	0.	0.	25484330.
18. Net Electrical Energy Generated (MWH)	0.	0.	23840053.
19. Unit Service Factor	0.0	0.0	45.9
20. Unit Availability Factor	0.0	0.0	45.9
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	44.8
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	42.9
23. Unit Forced Outage Rate	100.0	100.0	48.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE June 14, 1982

COMPLETED BY C. W. Smyth

TELEPHONE (717) 948-8551

MONTH May, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1982

DOCKET NO. 50-289
 UNIT NAME TH-1
 DATE June 14, 1982
 COMPLETED BY C. W. Smyth
 TELEPHONE (717) 948-8551

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
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1
 F: Forced
 S: Scheduled

2
 Reason:
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 B-Maintenance of Test
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