

OPERATING DATA REPORT

DOCKET NO. 50-289
 DATE February 15, 1983
 COMPLETED BY C.W. Smyth
 TELEPHONE (717) 978-8551

OPERATING STATUS

1. Unit Name: Three Mile Island Nuclear Station, Unit I
2. Reporting Period: January, 1983
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	744.	744.	73777.
12. Number Of Hours Reactor Was Critical	0.0	0.0	31731.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	840.5
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.	25484530.
18. Net Electrical Energy Generated (MWH)	0.	0.	23840053.
19. Unit Service Factor	0.0	0.0	42.3
20. Unit Availability Factor	0.0	0.0	42.3
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	41.2
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	39.5
23. Unit Forced Outage Rate	100.0	100.0	53.1

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 February 15, 1983

COMPLETED BY C. W. Smyth

TELEPHONE (717) 948-8551

MONTH January, 1983

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-289

DOCKET NO. TMI-1
 UNIT NAME February 15, 1983
 COMPLETED BY C. W. Smyth
 TELEPHONE (717) 948-8551

REPORT MONTH January, 1983

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	83-01-01	F	744	D	I	N/A	ZZ	ZZZZZZ	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 (LER) File (NUREG-0161)
- 5 Exhibit I - Same Source

NRC OPERATING SUMMARY

The unit was shutdown the entire month by order of the NRC. The primary system was partially drained to permit continuing OTSG repairs. Core cooling was provided by the Decay Heat Removal system.

During December the first of the two phase OTSG tube expansion process was successfully completed (using 19 grain/foot candles). During January, debris was cleaned from the tubes and preparations were made to begin the second phase of expansion (using 17 grain/foot candles). The second phase commenced at the end of January and carried into February.

MAJOR SAFETY RELATED MAINTENANCE

During the month of January restart modifications continued and the following major maintenance items were performed.

The Once Through Steam Generator (OTSG) program continued with the following major work items accomplished.

1. RC-H-1A ("A" OTSG) and RC-H-1B ("B" OTSG)
 - A. Removed cold leg covers
 - B. Reinflated cold leg bladders
 - C. Refilled lower head with immunol
 - D. Completed final phase of kinetic expansion
 - E. Drained immunol from generators
 - F. Deflated cold leg bladders
 - G. Installed cold leg covers
 - H. Removed immunol sparger from lower head
 - I. Installed tube cleaning equipment
 - J. Commenced felt plug blowing (tube cleaning)

The Local Leak Rate Testing program continued with satisfactory testing of the following valves.

- | | | |
|---------------|---------------|----------------|
| 1. WDG-V-3 | 9. WDL-V-535 | 17. CF-V-20A/B |
| 2. MU-V-25/26 | 10. CA-V-189 | |
| 3. NS-V-4 | 11. CA-V-192 | |
| 4. NS-V-11 | 12. CF-V-2A/B | |
| 5. NS-V-15 | 13. SF-V-23 | |
| 6. NS-V-35 | 14. DH-V-64 | |
| 7. CF-V-19A/B | 15. DH-V-69 | |
| 8. WDL-F-534 | 16. MU-V-2A/B | |

The scheduled Spent Fuel system outage was completed with the following work items accomplished.

1. "A" Loop
 - A. X-Ray inspection of SF-207 (satisfactory)
 - B. Refilled system and tested satisfactorily per SP 1300-3A/1303-11.50
 - C. Retorqued SF9-FE-1

A scheduled overhaul of River Water pump SW-P-1E commenced with the following work items completed.

1. Removed motor
2. Removed pump, disassembled and performed bearing and shaft inspections
3. Overhauled pump and balanced rotating assembly
4. Commenced assembly of pump
5. Disassembled motor, overhauled, balanced, and reassembled

The Concentrated Waste Storage Tank piping modification continued with the following items completed.

1. "A" CWST discharge line/valve work
 - A. Repaired diaphragm valve WDL-V-103
 - B. Flushed piping
 - C. Performed a satisfactory hydrostatic test

A scheduled overhaul of the Spent Fuel Bridge Fuel Mast commenced with the following work items completed.

1. Removed the fuel mast from the bridge
2. Disassemble grapple assembly from the mast
3. Installed and adjusted new fuel grapple

Ultrasonic testing (UT) of 6A extraction line T off of MO-T-2C inlet as a result of NRC Information Notice 82-22 (July 9, 1982 due to 4 ft² section of steam pipe blown through at Oconee Unit 2 destroying a 480 volt MCC) resulted in several readings of 0.14" on testing grid. Nominal pipe thickness for new pipe is 0.375" indicating a need for repair on this line. Two other areas indicated minor thickness deterioration. GPUN is also pursuing testing of several other suspected problem areas.

REFUELING INFORMATION REQUEST

1. Name of Facility:

Three Mile Island Nuclear Station, Unit 1

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

DOCKET NO. 50-289
 DATE February 15, 1983
 COMPLETED BY C.W. Smyth
 TELEPHONE (717) 878-8551

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	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.</u>	<u>744.</u>	<u>73777.</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>840.5</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>
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INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE February 15, 1983

COMPLETED BY C. W. Smyth

TELEPHONE (717) 948-8551

MONTH January, 1983

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>
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