

# OPERATING DATA REPORT

DOCKET NO. 50-289  
 DATE July 15, 1983  
 COMPLETED BY C. W. Smyth  
 TELEPHONE (717) 948-8551

## OPERATING STATUS

1. Unit Name: Three Mile Island Nuclear Station, Unit I
2. Reporting Period: June, 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	720.	4343.	77376.
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	40.3
20. Unit Availability Factor	0.0	0.0	40.3
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	39.3
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	37.6
23. Unit Forced Outage Rate	100.0	100.0	55.5
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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-I

DATE July 15, 1983

COMPLETED BY C. W. Smyth

TELEPHONE (717) 948-8551

MONTH June, 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>
30	<u>0</u>
31	<u>0</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1983

DOCKET NO. 50-289  
 UNIT NAME TMI-I  
 DATE July 15, 1983  
 COMPLETED BY C. W. Smyth  
 TELEPHONE (717) 948-8551

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1	83/06/01	F	744	D	1	N/A	ZZ	ZZZZZZ	Regulatory Restraint Order

F - Forced  
 S - Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup> Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup> Exhibit I - Same Source

## OPERATIONS SUMMARY

During the month of June the unit was in cold shutdown by order of the NRC. Core cooling was provided by the Decay Heat Removal System.

On June 25, a final closeout of OTSG "A" was performed. On June 26, the RCS was filled from the "B" bleed tank and the secondary side of both OTSGs were pressurized to about 140 psig to check for tube leaks. On June 27, the "A" OTSG (primary) was pressurized to 50 psig and reactor coolant pumps were hand rotated. On June 28, the "B" OTSG was closed out and placed in wet layup. On June 29, the "A" OTSG was placed in wet layup. On June 30, the RCS was filled and vented and pressurized to 80 psig. To date, no OTSG tube leakage has been identified (RCS at 300 psig on 7/8/83).

Additionally, several Technical Specification Surveillances were performed on primary systems in support of plant startup. All surveillances were performed satisfactorily.

## MAJOR SAFETY RELATED MAINTENANCE

During the month of June, major restart maintenance activities were completed and the following major maintenance items were performed:

1. The Once Through Steam Generator (OTSG) repair program was completed in June with remaining leaking tubes stabilized and plugged, satisfactory drip and bubble tests, removal of hot leg plugs, removal of cold leg covers, satisfactory closeout inspections, and the reinstallation of handhole/manway covers. Preparations for the Hydrogen Peroxide Flush of the RCS were in progress.
2. The snubber testing program continued during the month and work will continue into the month of July.
3. Decay Heat Removal System work items completed consisted of DH-V-64A/DH-V-69 overhaul and repairs with satisfactory leak rate testing, DH-P-1A motor oil change, satisfactory breaker testing of DC-P-1A, and the packing adjustment of DH-V-4A. A magnetic brake assembly was installed on DH-V-4A. A stroke test was performed with satisfactory results.
4. Hydrogen monitoring valves (HM-V-3A/B; 4A/B) were replaced under task LM-26B. Local leak rate testing was satisfactorily performed on these valves.
5. Air handling purge valve work completed during June included the stop adjustment and snoop testing of AH-V-1A and satisfactory leak rate testing of AH-V-1A/B.
6. Waste Gas System repair activities completed during June included satisfactory testing/inspections on relief valves WDG-V-36 and WDG-V-37, satisfactory inspections on WDG-T-1A pressure switches and transmitters, and the overhaul of waste gas compressor WDG-P-1B.

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 July 15, 1983  
 COMPLETED BY C. W. Smyth  
 TELEPHONE (717) 948-8551

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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

Forecast	Achieved
_____	_____
_____	_____
_____	_____



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289

UNIT TMI-1

DATE July 15, 1983

COMPLETED BY C. W. Smyth

TELEPHONE (717) 948-8551

MONTH June, 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>
30	<u>0</u>
31	<u>0</u>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

50-289  
 DOCKET NO. TNI-1  
 UNIT NAME July 15, 1983  
 DATE C. W. Smyth  
 COMPLETED BY (717) 948-8551  
 TELEPHONE

REPORT MONTH June, 1983

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
I	83/06/01	F	744	D	I	N/A	ZZ	ZZZZZZ	Regulatory RestrInt Order

1. 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 License Event Report (LER) File (NURIG-0161)
5. Exhibit I - Same Source



### OPERATIONS SUMMARY

During the month of June the unit was in cold shutdown by order of the NRC. Core cooling was provided by the Decay Heat Removal System.

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REFUELING INFORMATION REQUEST

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Three Mile Island Nuclear Station, Unit 1

2. Scheduled date for next refueling shutdown:

Unknown

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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

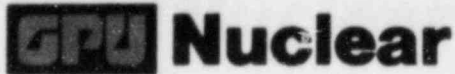
(b) 208

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:

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

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GPU Nuclear Corporation  
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Middletown, Pennsylvania 17057-0191  
717 944-7621  
TELEX 84-2386  
Writer's Direct Dial Number:

July 15, 1983  
5211-83-202

Office of Management Information  
and Program Control  
Attn: W. C. McDonald  
c/o Distribution Services Branch  
DPC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

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

Enclosed please find two (2) copies of the June Operating Report for Three Mile Island Nuclear Station, Unit 1.

Sincerely,

A handwritten signature in black ink, appearing to read "H. D. Hukill".

H. D. Hukill  
Director, TMI-1

HDH:vjf

Enclosures

cc: V. Stello  
Dr. T. E. Murley

**IE 24**

**11**