

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289  
UNIT TMI-1  
DATE October 15, 1984  
COMPLETED BY C. W. Smyth  
TELEPHONE (717) 948-8551

MONTH: SEPT

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	N/A

# OPERATING DATA REPORT

DOCKET NO. 50-289  
DATE October 15, 1984  
COMPLETED BY C. W. Smyth  
TELEPHONE (717) 948-8151

## OPERATING STATUS

1. UNIT NAME: THREE MILE ISLAND UNIT 1  
2. REPORTING PERIOD: SEPT ,1984.  
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): 824.  
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 776.

## NOTES

8. IF CHANGES OCCUR IN (ITEMS 3-7) 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	CUMMULATIVE
11. HOURS IN REPORTING PERIOD	720.	6575.	88368.
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	31731.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	838.5
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.	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	35.3
20. UNIT AVAILABILITY FACTOR	0.0	0.0	35.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	34.5
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	32.9
23. UNIT FORCED OUTAGE RATE	100.0	100.0	61.6

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:

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September, 1984

DOCKET NO. 50-289  
 UNIT NAME TMI-I  
 DATE October 15, 1984  
 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	84/09/01	F	744	D	1	N/A	ZZ	ZZZZZZ	Regulatory Restraint Order

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of 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

## OPERATING SUMMARY

The Plant remained in cold shutdown the entire month by order of the NRC. Core cooling was provided by the Decay Heat Removal System. The RCS was partially drained to permit OTSG inspection and repair work as described below.

### MAJOR SAFETY RELATED MAINTENANCE

During the month of September, the following major maintenance items were completed:

OTSGs RC-H-1A/B - Repair work on the OTSGs in September consisted of Westinghouse rolled tube plug procedure development, Mock-up Training, and equipment set up. Field work commenced on the "B" OTSG upper tubesheet, with wire brushing, rerolling, and pull-testing Westinghouse rolled tube plugs that had indicated movement during the August pull-testing evolution. This was followed by wire brushing and rerolling the remainder of the Westinghouse rolled-tube plugs in the "B" OTSG upper tubesheet. The equipment was then moved to the "B" OTSG lower tubesheet where work will continue in October.

NUCLEAR SERVICE CLOSED COOLING COOLERS NS-C-1C/D - Work commenced on NS-C-1C/D with removing the end covers, inspection, tube cleaning, repairing surfaces with coal tar epoxy, and installation of magnesium anodes. The tubes were leak-checked and cooler close-up is in a hold status pending opening clogged drain lines.

DECAY HEAT REMOVAL CLOSED COOLING PUMP DC-P-1B - DC-P-1B was disassembled in September for new mechanical seal installation. The pump internals were inspected, the shaft and impeller balanced, and the pump was reassembled with the mechanical SEAL. The pump/motor was aligned and coupled and inservice testing was performed per IST Procedure 1300-3C; the results were satisfactory. The job will continue in October with the reinstallation of piping supports.

DECAY HEAT REMOVAL CLOSED COOLING COOLER DC-C-2B - During September, DC-C-2B was opened for inspection, cleaning, and preservation. The end covers were removed, tubes cleaned and inspected, water boxes repaired and preserved with PC-7 and coal tar epoxy. Magnesium anodes were installed, and the end covers reinstalled.

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:

1988 is the last refueling discharge which allows full core off-load capacity (177 fuel assemblies).

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GPU Nuclear Corporation  
Post Office Box 480  
Route 441 South  
Middletown, Pennsylvania 17057-0191  
717 944-7621  
TELEX 84-2386  
Writer's Direct Dial Number:

October 15, 1984  
5211-84-2261

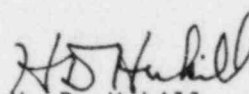
Office of Management Information and Program Control  
Attn: W. C. McDonald  
c/o Distribution Services Branch DPC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. McDonald:

Three Mile Island Nuclear Station, Unit I (TMI-1)  
Operating License No. DPR-50  
Docket No. 50-289  
Monthly Operating Report - September 1984

Enclosed please find two (2) copies of the September 1984 Monthly Operating Report for Three Mile Island Nuclear Station Unit-1.

Sincerely,

  
H. D. Hukill  
Director, TMI-1

HDH:JGB:vjf

Attachments

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