

# OPERATING DATA REPORT

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

## OPERATING STATUS

		NOTES
1. UNIT NAME:	THREE MILE ISLAND UNIT 1	
2. REPORTING PERIOD:	JANUARY, 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.	

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	744.	744.	82537.
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. COUPS 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	37.8
20. UNIT AVAILABILITY FACTOR	0.0	0.0	37.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	36.9
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	35.3
23. UNIT FORCED OUTAGE RATE	100.0	100.0	58.6

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:

# AVERAGE DAILY UNIT POWER LEVEL

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

MONTH: JANUARY

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.

## NRC MONTHLY REPORT - JANUARY 1984

The Unit remained in cold shutdown the entire month by order of the NRC. Core cooling was provided by the Decay Heat Removal System. A Reactor Coolant pump was run the majority of the month except as indicated below. A bubble was maintained in the pressurizer and RCS pressure was maintained at about 310 psi, and temperature at about 130 F. The secondary side was in partial wet layup with the steam lines drained. A vacuum was maintained on the secondary side for most of the month. On Tuesday, January 31 vibration readings on the running Reactor Coolant pump (RCP-1B) increased unexpectedly from about 8 mils to about 28 mils. The pump was secured and we maintained the primary without forced flow the remainder of the month. Investigations and repair work on the RCP will be reported next month.

### MAJOR SAFETY RELATED MAINTENANCE

#### Building Spray Pump (BS-P-1B)

Repair work reported last month was completed with reassembly of the pump, coupling, and satisfactory ISI testing.

#### Seal Injection Filter (MU-F4B) Repairs

After identifying a closure plug leak, the seat area was lapped. Preparations were being made at the end of the month to rebuild the seat area with Belzona Molecular compound.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1984

DOCKET NO. 50-289  
UNIT NAME TMI-1  
DATE February 15, 1984  
COMPLETED BY G. 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	84/01/01	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 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

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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 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

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# AVERAGE DAILY UNIT POWER LEVEL

D. 50-289  
 TMI-1  
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 TELEPHONE (717) 948-8551

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DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0.	17	0.
2	0.	18	0.
3	0.	19	0.
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5	0.	21	0.
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10	0.	26	0.
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GPU Nuclear Corporation  
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TELEX 84-2386  
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February 15, 1984  
5211-84-2040

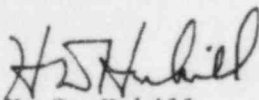
Office of Management Information  
and Program Control  
Attn: W. C. McDonald  
c/o Distribution Services Branch  
DPC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

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

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

Sincerely,

  
H. D. Hukill  
Director, TMI-1

HDH:vjf

Enclosures

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

IE24  
1/1