



GPU Nuclear Corporation  
Route 441 South  
P.O. Box 480  
Middletown, Pennsylvania 17057-0480  
(717) 944-7621  
Writer's Direct Dial Number:

(717) 948-8005

March 11, 1996  
6710-96-2077

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

Subject: Three Mile Island Nuclear Station, Unit I (TMI-1)  
Operating License No. DPR-50  
Docket No. 50-289  
Monthly Operating Report for February 1996

Enclosed are two copies of the February 1996 Monthly Operating Report for Three Mile Island Nuclear Station, Unit 1.

Sincerely,

J. Knubel  
Vice President and Director, TMI

WGH

Attachments

cc: Administrator, Region I  
TMI Senior Resident Inspector  
96001

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GPU Nuclear Corporation is a subsidiary of General Public Utilities Corporation

JE24.1

## OPERATIONS SUMMARY

February 1996

The plant entered the month operating at 100% power and remained at that power level for the remainder of the month. Net unit electrical output averaged approximately 819 MWe during February.

### MAJOR SAFETY RELATED MAINTENANCE

The following major safety related maintenance item was accomplished during the month:

#### Reclaimed Boric Acid Pump WDL-P-13A

Reclaimed Boric Acid Pump WDL-P-13A was removed from service to correct a mechanical seal leak. The pump was disassembled and the seal was replaced. All retests of the reassembled pump were satisfactory and WDL-P-13A was returned to service.

#### Inverter 'D'

The 'D' Inverter was removed from service when the battery supply load lamp came on but the Inverter appeared to be operating normally. The problem was found to be a faulty meter MR1 re'ay which was replaced. Inverter 'D' was tested satisfactorily and returned to service.

# OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO. 50-289  
 DATE \_\_\_\_\_  
 COMPLETED BY W G HEYSEK  
 TELEPHONE (717) 948-8191

1. UNIT NAME: THREE MILE ISLAND UNIT 1  
 2. REPORTING PERIOD: FEBRUARY 1996  
 3. LICENSED THERMAL POWER: 2568  
 4. NAMEPLATE RATING (GROSS MWe): 872  
 5. DESIGN ELECTRICAL RATING (NET MWe): 819  
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe): 834  
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWe): 786

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	(HRS)	696.0	1440.0	188425.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	(HRS)	696.0	1440.0	110983.1
13. REACTOR RESERVE SHUTDOWN HOURS	(HRS)	0.0	0.0	2284.0
14. HOURS GENERATOR ON-LINE	(HRS)	696.0	1440.0	109821.3
15. UNIT RESERVE SHUTDOWN HOURS	(HRS)	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED	(MWH)	1786095	3694222	269809148
17. GROSS ELECTRICAL ENERGY GENERATED	(MWH)	603843	1249481	90702955
18. NET ELECTRICAL ENERGY GENERATED	(MWH)	570307	1180152	85223556
19. UNIT SERVICE FACTOR	(%)	100.0	100.0	58.3
20. UNIT AVAILABILITY FACTOR	(%)	100.0	100.0	58.3
21. UNIT CAPACITY FACTOR (USING MDC NET)		104.3	104.3	57.5
22. UNIT CAPACITY FACTOR (USING DER NET)		100.0	100.1	55.2
23. UNIT FORCED OUTAGE RATE	(%)	0.0	0.0	35.6
UNIT FORCED OUTAGE HOURS	(HRS)	0.0	0.0	60761.2
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  
COMPLETED BY W G HEYSEK  
TELEPHONE (717) 948-8191

MONTH: FEBRUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)
-----	--

1	826
2	825
3	823
4	815
5	809
6	812
7	818
8	822
9	820
10	822
11	821
12	825
13	825
14	823
15	824
16	825

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)
-----	--

17	826
18	824
19	820
20	814
21	815
22	817
23	816
24	814
25	812
26	815
27	818
28	816
29	823
30	NA
31	NA

REPORT MONTH February 1996

DOCKET NO. 50-289  
 UNIT NAME TMI-1  
 DATE  
 COMPLETED BY W. G. Heysek  
 TELEPHONE (717) 948-8191

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  * & *	Component Code  * & *	Cause & Corrective Action to Prevent Recurrence
						None			

<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 & Licensing 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 1 same source

<sup>6</sup> Actually used exhibits F & H NUREG 0161

### REFUELING INFORMATION REQUEST

1. Name of Facility: **Three Mile Island Nuclear Station, Unit 1**
2. Scheduled date for next refueling shutdown: **September 5, 1997**
3. Scheduled date for restart following current refueling: **NA**
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? **NA.**
5. Scheduled date(s) for submitting proposed licensing action and supporting information: **NA**
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: **None.**
7. The number of fuel assemblies (a) in the core, and (b) in the spent fuel storage pool: (a) **177** (b) **683**
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 1990. Phase I of the reracking project to increase spent fuel pool storage capacity permits storage of 1342 assemblies. Upon completion of Phase II of the reracking project, the full licensed capacity will be attained. Phase II is expected to be started in 2002.**

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

**Completion of Phase I of the reracking project permits full core off-load (177 fuel assemblies) through the end of Cycle 14 and on completion of the rerack project full core off-load is assured through the end of the current operating license and beyond.**