

OPERATING DATA REPORT

DOCKET NO. 50-289
 DATE 8-31-87
 COMPLETED BY C.W. Smyth
 TELEPHONE (717) 948-8551

OPERATING STATUS

1. UNIT NAME: THREE MILE ISLAND UNIT 1
2. REPORTING PERIOD: AUGUST, 1987.
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	744.	5831.	113928.
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3517.2	43602.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1874.9
14. HOURS GENERATOR ON-LINE	744.0	3443.4	42689.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1879956.	8221918.	103149179.
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	633597.	2821484.	34340355.
18. NET ELECTRICAL ENERGY GENERATED (MWH)	598926.	2644568.	32114543.
19. UNIT SERVICE FACTOR	100.0	59.1	37.5
20. UNIT AVAILABILITY FACTOR	100.0	59.1	37.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.7	58.4	36.1
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	55.4	34.4
23. UNIT FORCED OUTAGE RATE	0.0	9.3	58.3

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:

IE24
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-289
UNIT TMI-1
DATE 8-31-87
COMPLETED BY C.W. Smyth
TELEPHONE (717) 948-8551

MONTH: AUGUST

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	802.
2	797.
3	793.
4	795.
5	801.
6	806.
7	807.
8	798.
9	797.
10	798.
11	804.
12	808.
13	809.
14	809.
15	800.
16	799.

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
17	793.
18	794.
19	801.
20	804.
21	811.
22	804.
23	813.
24	819.
25	820.
26	817.
27	811.
28	812.
29	809.
30	815.
31	812.

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-289
DOCKET NO. TMI-I
UNIT NAME
DATE 8-31-87
COMPLETED BY C.W. Smyth
TELEPHONE (717) 948-8551

REPORT MONTH AUGUST

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴ & 6	Component Code ⁵ & 6	Cause & Corrective Action to Prevent Recurrence
1						NO SHUTDOWNS			

- 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 1 - Same Source
- 6 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: July 1, 1988 (7R)
3. Scheduled date for restart following refueling: September 14, 1988 (7R)
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes (For 7R)

If answer is yes, in general, what will these be?

Basic Refueling Report.

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?
To be determined.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: April 1, 1988.
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) 284
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:

1991 is the last refueling discharge which allows full core off-load capacity (177 fuel assemblies).

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-289

UNIT NAME TH-1

DATE 5-31-87

COMPLETED BY C.W. Smyth

TELEPHONE (717) 948-8551

REPORT MONTH MAY

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴ & 6	Component Code ⁵ & 6	Cause & Corrective Action to Prevent Recurrence
87-03	5/1/87	S	7.0	B	1	N/A	CC	HTEXCH	Trip to redistribute OTSG deposits.
87-04	5/2/87	F	8.2	G	3	87-004	N/A	N/A	Peactor trip on high pressure due to incorrect selection of signal to ICS. Procedure changes have been implemented to prevent future occurrence.

- 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
- 6 Actually used Exhibits F & H NUREG 0161

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-289

DOCKET NO.

TMT-I

UNIT NAME

6-30-87

DATE

C. W. Smyth

COMPLETED BY

7171 948-8551

TELEPHONE

REPORT MONTH JUNE

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴ & 6	Component Code ⁵ & 6	Cause & Corrective Action to Prevent Recurrence
87-05	370612	F	346.1	A	4	87-006	CG	HTEXCH	Shutdown to replace letdown coolers. During the manual shut- down, the reactor tripped at approximately 10% power on high pressure.

1 F Forced
S Scheduled

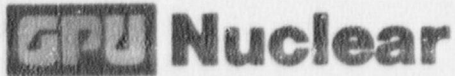
2 Reason:
A Equipment Failure (Explan)
B Maintenance or Test
C Refueling
D Regulatory Restriction
E Operator Training & License Examination
F Administrative
G Operational Error (Explan)
H Other (Explan)

3 Method:
1 Manual
2 Manual Scram.
3 Automatic Scram.
4 Other (Explan)

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

5 Exhibit I - Same Source

6 Actually used Exhibits
F & H NUREG 0161



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TELEX 84-2386
Writer's Direct Dial Number:

September 14, 1987
5211-87-2173

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

Dear Sir:

Three Mile Island Nuclear Station, Unit I (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Monthly Operating Report
August, 1987

Enclosed please find two (2) copies of the August, 1987 Monthly Operating Report for Three Mile Island Nuclear Station, Unit-1.

In addition, the May and June 1987 reports contained errors in the "Unit Shutdowns and Power Reductions" form. The error was in the Duration column. Corrected sheets for these reports are also enclosed.

Sincerely,

H. D. Hukill
Vice President & Director, TMI-1

HDH:DVH:spb

cc: W. Russell, USNRC
R. Conte, USNRC

Attachments

0015C

IE24
1/1

OPERATIONS SUMMARY
AUGUST, 1987

The unit entered August operating at 100% power. The plant continued the entire month operating at that power level producing approximately 850 MWe gross electrical generation.

MAJOR SAFETY RELATED MAINTENANCE

During the month of August, TMI Unit 1 performed the following major maintenance:

Main Steam Valve MS-V-88B - Main Steam Valve MS-V-88B repairs were completed in August (body to bonnet leakage). The valve could not be isolated and Furmanite Leak Sealing Company was called to stop the leakage. Injection holes were drilled in the bonnet/body area, adapters were installed and the leak stopped by injecting Furmanite Compound into the gasket area. All work is complete.