OPERATING DATA REPORT

DOCKET NO. 50-289
DATE 2/29/88
COMPLETED BY C. W. SMYTH
TELEPHONE (717)948-8551

OPERATING STATUS

1.	UNIT NAME:	THREE MILE ISLAND UNIT 1
2.	REPORTING PERIOD:	FEBRUARY ,1988.
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	696.	1440.	118297.
12.	NUMBER OF HOURS REACTOR WAS CRITICAL	634.4	1378.4	47898.9
13.	REACTOR RESERVE SHUTDOWN HOURS	61.6	61.6	1947.7
14.	HOURS GENERATOR ON-LINE	632.4	1376.4	46976.2
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1586099.	3460579.	113948279.
17.	GROSS ELECTRICAL ENERGY GENERATED (MWH)	548378.	1194462.	38062683.
18.	NET ELECTRICAL ENERGY GENERATED (MWH)	516398.	1126702.	35630984.
19.	UNIT SERVICE FACTOR	90.9	95.6	39.7
20.	UNIT AVAILABILITY FACTOR	90.9	95.6	39.7
21.	UNIT CAPACITY FACTOR (USING MDC NET)	95.6	100.8	38.6
22.	UNIT CAPACITY FACTOR (USING DER NET)	90.6	95.5	36.8
23.	UNIT FORCED OUTAGE RATE	9.1	4.4	56.0

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling Outage - June 17, 1988 to August 19, 1988

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

1-74

1/1

AVERAGE DAILY UNIT POWFR LEVEL

DOCKET NO. 50-289
UNIT TMI-1
DATE 2/29/1988
COMPLETED BY C. W. Symth
TELEPHONE (717)948-8551

MONTH: FEBRUARY

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	814.	17	-38.
2	821.	18	-38.
3	832.	19	262.
4	830.	20	815.
5	832.	21	830.
6	829.	22	827.
7	821.	23	824.
8	824.	24	829.
9	827.	25	831.
10	828.	26	830.
11	829.	27	829.
12	827.	28	828.
13	829.	29	827.
14	829.	30	N/A
15	825.	31	N/A
16	663.		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY, 1988

DOCKET NO. 50-289
UNIT NAME TMI-1
DATE 2/29/88
COMPLETED BY C.W. Smyth
TELEPHONE (717) 948-8551

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
83-01	2/16/88	F	64	A	1	N/A	HA	HT EXCH	Shutdown due to decreasing stator coolant flow. Plant was put in hot shutdown and the stator coolant system was chemically cleaned.

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

REFUELING INFORMATION REQUEST

1. Name of Facility: Three Mile Island Nuclear Station, Unit 1

2. Scheduled date for next refueling shutdown: June 17, 1988 (7R)

3. Scheduled date for restart following refueling: August 19, 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).

GPU Nuclear

GPU Nuclear Corporation
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717 944-7621
TELEX 84-2386
Writer's Direct Dial Number:

March 14, 1988
C311-88-2031

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
February, 1988

Enclosed please find two (2) copies of the February, 1988 Monthly Operating Report for Three Mile Island Nuclear Station, Unit-1.

Sincerely,

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

HDH/JAR:spb

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

Attachments

0015C

IE24
1/1

OPERATIONS SUMMARY
FEBRUARY, 1988

The unit entered February returning to 100% power following a coupling repair on the "A" Main Feedwater Pump. The plant continued at 100% power until February 16, 1988 when a shutdown was commenced. The main generator stator bars were cleaned because deposit buildup was causing a high differential pressure across the stator. The unit was returned to power on February 19, 1988 and continued at 100% for the remainder of the month.

MAJOR SAFETY RELATED MAINTENANCE

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

HSPS Level Transmitter Root Valves - Heat Sink Protection System Level Transmitter root valves FW-V-1095, FW-V-1111, and FW-V-1109 bonnet to body leaks were sealed with Furmanite. The respective level transmitters were disconnected, Furmanite adapters installed on valve bonnets and Furmanite compound injected to seal leakage. The level transmitters were reconnected and returned to service.

Main Steam Check Valve MS-V-9A - Main Steam Check Valve MS-V-9A bonnet to body leakage was sealed with Furmanite. The bonnet studs were removed one at a time and replaced with longer studs with Furmanite Ring Adapters. The valve was then injected with Furmanite to seal leakage. A reinjection was required later in the month to reseal the valve.

Makeup Pump Lube Oil Pump MU-P-3C - Makeup Pump Lube Oil Pump MU-P-3C Motor was replaced during February because of bearing noise. The old motor was removed, the pump inspected, a new motor installed and electric leads butt spliced. All work is complete and the system returned to normal.

Source Range Instrument NI-2 - Source Range Instrument NI-2 cable was replaced in February to correct "spiking" problems. The old cable was removed, and new cable pulled and connected. Wire connectors were repaired and preamp checks performed. All electrical circuitry was inspected and found satisfactory. Fire proof material was removed/reinstalled on the preamp cover. All work is complete.