

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 2/12/86
 COMPLETED BY J. GIBSON
 TELEPHONE (203) 447-1791

OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: January 1986
3. Licensed Thermal Power (Mwt): 2700
4. Nameplate Rating (Gross MWe): 909
5. Design Electrical Rating (Net MWe): 870
6. Maximum Dependable Capacity (Gross MWe): 888.75
7. Maximum Dependable Capacity (Net MWe): 857.25
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes Items 21 and 22 cumulative are weighted averages. Unit operated at 2560 MW Thermal prior to its up rating to the current 2700 MW Thermal Power Level.

-
9. Power Level To Which Restricted, If Any (Net MWe): N/A
 10. Reasons For Restrictions, If Any: N/A
-

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	88560
12. Number Of Hours Reactor Was Critical	744	744	63281.7
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	744	744	59461.7
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1984099	1984099	150087901
17. Gross Elec. Energy Generated (MWH)	643600	643600	48985079
18. Net Electrical Energy Generated (MWH)	620602	620602	46941821
19. Unit Service Factor	100	100	67.1
20. Unit Availability Factor	100	100	67.7
21. Unit Capacity Factor (Using MDC Net)	97.3	97.3	62.9
22. Unit Capacity Factor (Using DER Net)	95.9	95.9	61.9
23. Unit Forced Outage Rate	0	0	17.2
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: N/A
 26. Units In Test Status (Prior to Commercial Operation): Forecast Achieved

INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

8604240105 860131
 PDR ADOCK 05000336
 R PDR

IE 24
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
 UNIT Millstone 2
 DATE 2/12/86
 COMPLETED BY J. GIBSON
 TELEPHONE (203) 447-1791
EXT 4431

MONTH JANUARY 1986

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>500</u>	17	<u>846</u>
2	<u>842</u>	18	<u>847</u>
3	<u>847</u>	19	<u>846</u>
4	<u>848</u>	20	<u>846</u>
5	<u>849</u>	21	<u>847</u>
6	<u>849</u>	22	<u>847</u>
7	<u>849</u>	23	<u>846</u>
8	<u>847</u>	24	<u>845</u>
9	<u>848</u>	25	<u>846</u>
10	<u>848</u>	26	<u>846</u>
11	<u>848</u>	27	<u>846</u>
12	<u>848</u>	28	<u>845</u>
13	<u>847</u>	29	<u>846</u>
14	<u>844</u>	30	<u>845</u>
15	<u>846</u>	31	<u>846</u>
16	<u>846</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY 1986

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 2/12/86
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
EXT. 4431

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

N/A

- 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-Continued from previous month
 - 5-Power Reduction (Duration = 0)
 - 9-Other (Explain)

- ⁴
- Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)
 - Exhibit 1 - Same Source

Docket No.	59-336
Date	2/12/86
Unit Name	Millstone Unit 2
Completed By	J. GIBSON
Telephone	(203) 447-1791
	EXT. 4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH JANUARY 1986

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
1/3/86	Spent Fuel Pool Cooling and Purification.	Valve 2-RW-9	Replaced flex gaskets on both sides.
1/6/86	Service Water	"A" Service water pump strainer.	Cleaned septums.
1/23/86	120 Volt Vital Regulated Instrument AC.	Inverter #2.	Replaced meter relay.
1/15/86	Diesel Generator	"A" Diesel Generator starting air operator valve.	Replace 2 plastic plugs with carbon steel plugs.
1/15/86	Diesel Generator	"B" Diesel Generator starting air operator valve.	Replace 2 plastic plugs with carbon steel plugs.
1/3/86	Process and Area Radiation Monitoring.	CTMT air particulate radiation detector.	Replaced roots blower.
1/21/86	Process and Area Radiation Monitoring.	Waste gas to stack Radiation Monitor.	Replaced detector tube.
1/10/86	Process and Area Radiation Monitoring.	CTMT air gaseous Radiation Monitor.	Replaced detector.
1/9/86	Reactor Protection System.	Reactor Protection Wide Range Channel "D".	Replaced preamp.

Docket No. 50-336
Date: 2/12/86
Completed By: J. GIBSON
Telephone: (203) 447-1791
EXT. 4431

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: September 1986
3. Schedule date for restart following refueling: December 1986
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Unknown at this time.

5. Scheduled date(s) for submitting licensing action and supporting information:

The license amendment request for the spent fuel pool re-rack was approved on January 15, 1986.

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) In Core: 217 (b) 449

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:

Currently 667

Plans are being formulated to rerack the spent fuel pool beginning in February 1986, to increase the storage capacity to 1106 fuel assemblies.

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

1985, Spent Fuel Pool, Full Core off load capacity is reached.
1987, Core Full, Spent Fuel Pool contains 648 bundles.

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

General Offices • Selden Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 666-6911

February 13, 1986
MP-8715

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Reference: Facility Operating License No. DPR-65
Docket No. 50-336

Dear Sir:

This letter is forwarded to provide the report of operating and shutdown experience relating to Millstone Unit 2 Monthly Operating Report 85-02 in accordance with Appendix A Technical Specifications, Section 6.9.1.3. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: Wayne D. Romberg
Station Superintendent
Millstone Nuclear Power Station

BY: James J. Kelley
Station Services Superintendent
Millstone Nuclear Power Station

WDR/RB:jlc

cc: Director, Office of Inspection and Enforcement, Region I

Director, Office of Inspection and Enforcement, Washington, D. C. (10)
U. S. Nuclear Regulatory Commission, c/o Document Management Branch,
Washington, D.C. 20555

IE24
1/1