

# OPERATING DATA REPORT

DOCKET NO. 50-336  
 DATE 8/10/84  
 COMPLETED BY J. GIBSON  
 TELEPHONE (203) 447-1791  
 EXT. 4431

## OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: July 1984
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): 895
7. Maximum Dependable Capacity (Net MWe): 864
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 2 operated  
 at 2560 MW thermal prior  
 to its uprating 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	5111	75383
12. Number Of Hours Reactor Was Critical	744	4987.9	53353.2
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	744	4685.1	50867.3
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1903852	12004265	128315934
17. Gross Elec. Energy Generated (MWH)	604700	3874201	41680579
18. Net Electrical Energy Generated (MWH)	582230	3719788	39935489
19. Unit Service Factor	100	91.7	67.5
20. Unit Availability Factor	100	91.7	68.1
21. Unit Capacity Factor (Using MDC Net)	90.6	84.2	63.0
22. Unit Capacity Factor (Using DER Net)	90.0	83.7	62.1
23. Unit Forced Outage Rate	0	3.6	17.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			

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  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

N/A N/A  
 N/A N/A  
 N/A N/A

8408200594 840731  
 PDR ADOCK 05000336  
 R PDR

IE24  
 11

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT MILLSTONE 2

DATE 8/10/84

COMPLETED BY J. GIBSON

TELEPHONE (203) 447-1791  
EXT. 4431

MONTH JULY 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>64</u>	17	<u>829</u>
2	<u>520</u>	18	<u>794</u>
3	<u>740</u>	19	<u>828</u>
4	<u>830</u>	20	<u>828</u>
5	<u>829</u>	21	<u>829</u>
6	<u>830</u>	22	<u>829</u>
7	<u>833</u>	23	<u>827</u>
8	<u>835</u>	24	<u>827</u>
9	<u>834</u>	25	<u>829</u>
10	<u>833</u>	26	<u>828</u>
11	<u>833</u>	27	<u>829</u>
12	<u>833</u>	28	<u>831</u>
13	<u>832</u>	29	<u>829</u>
14	<u>703</u>	30	<u>828</u>
15	<u>677</u>	31	<u>829</u>
16	<u>812</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

DOCKET NO. 50-336

UNIT NAME MILLSTONE 2DATE 8/10/84COMPLETED BY J. GIBSONTELEPHONE (203) 447-1791EXT. 4431REPORT MONTH JULY 1984

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
-----	------	-------------------	---------------------	---------------------	--	-------------------------------	-----------------------------	--------------------------------	---

7	840702	F	0	A	5	N/A	AA	ROD	While at 100% power and during CEA power supply voltage measurement, CEA dropped into core. Power was reduced to < 70% power and CEA recovered.
---	--------	---	---	---	---	-----	----	-----	---

Docket No. 50-336  
Date 8/10/84  
Unit Name MILLSTONE 2  
Completed By J. GIBSON  
Telephone (203) 447-1791  
EXT. 4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH JULY 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
7/1/84	Main Steam	2-MS-432A	Inject furmanite into valve to stop leak.
7/3/84	Control Rod Drive System	15 Volt power supply	Replaced faulty power supply.

Docket No. 50-336  
Date: 8/10/84  
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: Next refueling is in February 1985.
3. Schedule date for restart following refueling: June 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Currently under evaluation due to the impact of failed fuel.

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

4th quarter of 1984.

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:

Discharge of failed fuel will impact reload analysis.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 217 (b) 376

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.

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

August 13, 1984  
MP-6272

Director Office of Management Information and Program Control  
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 84-7 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

E. J. Mroczka  
Station Superintendent  
Millstone Nuclear Power Station

EJM/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

IE 24  
11