

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE \_\_\_\_\_

COMPLETED BY G. Neron

TELEPHONE (203) 447-1791  
Ext. 4417

MONTH May 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	849	17	850
2	851	18	737
3	838	19	841
4	849	20	849
5	850	21	848
6	849	22	848
7	849	23	845
8	848	24	849
9	848	25	849
10	847	26	848
11	848	27	848
12	847	28	849
13	847	29	848
14	848	30	848
15	850	31	848
16	849		

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.

8406180260 840531  
PDR ADOCK 05000336  
R PDR

*IE24  
11*

OPERATING DATA REPORT

DOCKET NO. 50-336  
 DATE \_\_\_\_\_  
 COMPLETED BY G. Neron  
 TELEPHONE (203) 447-1791  
Ext. 4417

OPERATING STATUS

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Unit Name: <u>Millstone Unit 2</u></li> <li>2. Reporting Period: <u>May 1984</u></li> <li>3. Licensed Thermal Power (MWT): <u>2700</u></li> <li>4. Nameplate Rating (Gross MWe): <u>909</u></li> <li>5. Design Electrical Rating (Net MWe): <u>870</u></li> <li>6. Maximum Dependable Capacity (Gross MWe): <u>895</u></li> <li>7. Maximum Dependable Capacity (Net MWe): <u>864</u></li> <li>8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:<br/><u>N/A</u></li> </ol> | Notes<br>Items 21 and 22 cumulative are weighted ave. Unit 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	3647	73919
12. Number Of Hours Reactor Was Critical	744	3523.9	51889.2
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	744	3221.1	49403.3
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1998215	8222443	124534112
17. Gross Elec. Energy Generated (MWH)	651100	2661701	40468079
18. Net Electrical Energy Generated (MWH)	628150	2551902	38767603
19. Unit Service Factor	100.0	88.3	66.8
20. Unit Availability Factor	100.0	88.3	67.5
21. Unit Capacity Factor (Using MDC Net)	97.7	81.0	62.3
22. Unit Capacity Factor (Using DER Net)	97.0	80.4	61.5
23. Unit Forced Outage Rate	0	5.1	18.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

- |  |            |            |
|--|------------|------------|
| 25. If Shut Down At End Of Report Period, Estimated Date of Startup: | <u>N/A</u> |            |
| 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> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1984

DOCKET NO. 50-336  
 UNIT NAME MittsStone 2  
 DATE \_\_\_\_\_  
 COMPLETED BY G. Neron  
 TELEPHONE (203) 447-1791  
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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
4	840518	F	0.0	H	5	N/A	AA	ROD	While at 100% power and during CEA Motion Testing, CEA #22 dropped fully into the core. Power was reduced to <70% power and CEA was recovered.

- <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 & License Examination
  - F-Administrative
  - G-Operational Error (Explain)
  - H-Other (Explain)

- <sup>3</sup> Method:
- 1-Manual
  - 2-Manual Scram
  - 3-Automatic Scram
  - 4-Continued from previous month
  - 5-Power Reduction 5 (Duration = 0)
  - 9-Other (Explain)

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

Docket No. 50-336  
 Date \_\_\_\_\_  
 Unit Name Millstone 2  
 Completed By G. Neron  
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH May 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
5/4/84	Main Steam	2-MS-191B	Perform temporary furmanite leak repair to valve body to bonnet leak.
5/4/84	Reactor Protection System	Voltage to Current Converter	Installed new converter card.
5/7/84	Reactor Protection System	"D" RPS Channel	Replaced power supply 1 for high power bistable.
5/10/84	Reactor Protection System	"D" RPS Channel	Replaced campbell rectifier card.
5/10/84	Seismic Monitoring System	Recorder	Replaced transistors and repaired solder joints in recorder.
5/22/84	Service Water	Pipe Downstream of 2-SW-12B	Cladded weld on Service Water pipe.

Docket No. 50-336  
Date: \_\_\_\_\_  
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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: N/A
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
  
Currently under evaluation.
5. Scheduled date(s) for submitting licensing action and supporting information:  
  
Not available at this time.
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:  
  
667
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.

OPERATING DATA REPORT  
(Revised Data For April 1984)

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TELEPHONE (203) 447-1791  
Ext. 4417

OPERATING STATUS

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Unit Name: <u>Millstone Unit 2</u></li> <li>2. Reporting Period: <u>April 1984</u></li> <li>3. Licensed Thermal Power (MWT): <u>2700</u></li> <li>4. Nameplate Rating (Gross MWe): <u>909</u></li> <li>5. Design Electrical Rating (Net MWe): <u>870</u></li> <li>6. Maximum Dependable Capacity (Gross MWe): <u>895</u></li> <li>7. Maximum Dependable Capacity (Net MWe): <u>864</u></li> <li>8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:<br/><u>N/A</u></li> </ol> | <p>Notes</p> <p>Items 21 and 22 cumulative are weighted ave. unit operated at 2560 MW Thermal prior to its uprating to the current 2700 MW thermal power level.</p> |
|---|---|

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	719	2903	73175
12. Number Of Hours Reactor Was Critical	719	2779.9	51145.2
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	719	2477.1	48659.3
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1935357	6224228	122535897
17. Gross Elec. Energy Generated (MWH)	633000	2010601	39816979
18. Net Electrical Energy Generated (MWH)	610772	1923752	38139453
19. Unit Service Factor	100.0	85.3	66.5
20. Unit Availability Factor	100.0	85.3	67.1
21. Unit Capacity Factor (Using MDC Net)	98.3	76.7	62.0
22. Unit Capacity Factor (Using DER Net)	97.6	76.2	61.1
23. Unit Forced Outage Rate	0	6.0	18.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

- |   |            |            |  |
|---|------------|------------|--|
| 25. If Shut-Down At End Of Report Period, Estimated Date of Startup: <u>N/A</u> |            |            |  |
| 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> |  |



# NORTHEAST UTILITIES



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

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June 12, 1984  
MP-6094

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 84-5 in accordance with Appendix A Technical Specifications, Section 6.9.1.3. One additional copy of the report is enclosed. Also attached is a revised Operating Data Report for April 1984.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

A handwritten signature in cursive script that reads 'E. J. Mroczka'.

E. J. Mroczka  
Station Superintendent  
Millstone Nuclear Power Station

EJM/GN:dlp

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

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