

**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) 665-5000

DONALD B. MILLER, Jr.  
SENIOR VICE PRESIDENT - MILLSTONE

February 14, 1994  
MP-2-94-23

Re: 10CFR50.71(a)

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

Reference: Facility Operating License No. DPR-21  
Docket No. 50-245

Dear Sir:

In accordance with Millstone Unit 1 Technical Specification 6.9.1.6, the following monthly operating report for Millstone Unit 1 is enclosed. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Gary H. Bouchard  
Director - Unit 2

for D. B. Miller, Jr.  
Senior Vice President - Millstone Station

DBM/gsn

cc: T. T. Martin, Region I Administrator  
J. W. Andersen, NRC Project Manager, Millstone Unit No. 1  
P. D. Swetland, Senior Resident Inspector, Millstone Unit Nos. 1, 2 & 3

IE24  
41

OPERATING DATA REPORT

UNIT NAME Millstone Unit 1  
 DATE 940207  
 COMPLETED BY G. Newburgh  
 TELEPHONE (203) 447-1791  
 EXT 5730

OPERATING STATUS

- 1. Docket Number 50-245
- 2. Reporting Period January 1994
- 3. Utility Contact G. Newburgh
- 4. Licensed Thermal Power (MWT): 2011
- 5. Nameplate Rating (Gross MWe): 662
- 6. Design Electrical Rating (Net MWe): 660
- 7. Maximum Dependable Capacity (Gross MWe): 670
- 8. Maximum Dependable Capacity (Net MWe): 641
- 9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons:  
N/A

Notes:

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

	This Month	Yr.-To-Date	Cumulative
12. Hours In Reporting Period	744.0	744.0	203160.0
13. Number Of Hours Reactor Was Critical	744.0	744.0	158308.6
14. Reactor Reserve Shutdown Hours	0.0	0.0	3283.3
15. Hours Generator On-Line	744.0	744.0	154562.4
16. Unit Reserve Shutdown Hours	0.0	0.0	93.7
17. Gross Thermal Energy Generated (MWH)	634946	634946	291180788.0
18. Gross Electrical Energy Generated (MWH)	206627	206627	98133185.0
19. Net Electrical Energy Generated (MWH)	194927	194927	93621061.0
20. Unit Service Factor	46.7	46.7	76.1
21. Unit Availability Factor	46.7	46.7	76.1
22. Unit Capacity Factor (Using MDC Net)	40.2	40.2	70.5
23. Unit Capacity Factor (Using DER Net)	39.7	39.7	69.8
24. Unit Forced Outage Rate	0.0	0.0	12.0

- 25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Unit shutdown for scheduled 71 day refueling outage at time of this report

- 26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: March 1994

- 27. Units In Test Status (Prior to Commercial Operation):

	Forecast	Acheived
INITIAL CRITICALITY	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245  
 UNIT: Millstone Unit 1  
 DATE: 940207  
 COMPLETED BY: G. Newburgh  
 TELEPHONE: (203) 447-1791  
 EXT: 5730

MONTH: January 1994

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	<u>595</u>	17	<u>0</u>
2	<u>592</u>	18	<u>0</u>
3	<u>589</u>	19	<u>0</u>
4	<u>586</u>	20	<u>0</u>
5	<u>581</u>	21	<u>0</u>
6	<u>582</u>	22	<u>0</u>
7	<u>580</u>	23	<u>0</u>
8	<u>577</u>	24	<u>0</u>
9	<u>575</u>	25	<u>0</u>
10	<u>572</u>	26	<u>0</u>
11	<u>570</u>	27	<u>0</u>
12	<u>567</u>	28	<u>0</u>
13	<u>565</u>	29	<u>0</u>
14	<u>559</u>	30	<u>0</u>
15	<u>119</u>	31	<u>0</u>
16	<u>0</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. 50-245  
 UNIT NAME Millstone Unit 1  
 DATE 940207  
 COMPILED BY G. Newburgh  
 TELEPHONE (203)-447-1791  
 EXT 5730

REPORT MONTH: January 1994

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
94-01	940115	S	396.6	C	1	N/A	N/A	N/A	End of Cycle 14, Refueling

<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 (Duration = 0)  
 6 - Other (Explain)

<sup>4</sup> IEEE Standard 805-1984, "Recommended Practices for System Identification in Nuclear Power Plants and Related Facilities"

<sup>5</sup> IEEE Standard 803A-1983, "Recommended Practices for Unique identification in Power Plants and Related Facilities - Component Function Identifiers"

## REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit 1
2. Scheduled date for next refueling outage: Unit shutdown at time of report.
3. Scheduled date for restart following refueling: March 1994
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
None identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
None 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:  
188 GE10 Fuel Assemblies
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
In Core: (a) 0 In Spent Fuel Pool: (b) 2884 Unconsolidated
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:  
Present Capacity: Maximum 3229 fuel assembly locations
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:  
1997, spent fuel pool full, core offload capacity is reached.