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

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

February 10, 1994
MP-94-111

Re: 10CFR50.71(a)

U.S. Nuclear Regulatory Commission
Document Control Desk
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 for the month of January 1994, in accordance with Appendix A Technical Specifications, Section 6.9.1.6. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

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

DBM/sld

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

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-336
UNIT	Millstone Unit 2
DATE	2/02/94
COMPLETED BY	S. Doboe
TELEPHONE	(203) 447-1791
EXT	4678

MONTH: JANUARY 1994

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	877	17	830
2	876	18	830
3	876	19	832
4	876	20	873
5	876	21	875
6	875	22	876
7	875	23	876
8	876	24	877
9	875	25	877
10	875	26	875
11	847	27	875
12	844	28	876
13	845	29	876
14	843	30	875
15	842	31	875
16	837		

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.

OPERATING DATA REPORT

UNIT NAME	Millstone Unit 2
DATE	2/02/94
COMPLETED BY	S. Doboe
TELEPHONE	(203) 447-1791
EXT	4678

OPERATING STATUS

1.	Docket Number	50-336
2.	Reporting Period	January 1994
3.	Utility Contact	S. Doboe
4.	Licensed Thermal Power (MWt):	2700
5.	Nameplate Rating (Gross MWe):	909
6.	Design Electrical Rating (Net MWe):	870
7.	Maximum Dependable Capacity (Gross MWe):	903.10
8.	Maximum Dependable Capacity(Net MWe):	873.10

Notes: Items 22 and 23 cumulative are weighted averages. Unit operated at 2560 MWTH prior to its uprating to the current 2700 MWTH power level.

9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons:
N/A

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	158688.0
13	Number Of Hours Reactor Was Critical	744.0	744.0	113691.5
14.	Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15.	Hours Generator On-Line	744.0	744.0	108558.7
16.	Unit Reserve Shutdown Hours	0.0	0.0	468.2
17.	Gross Thermal Energy Generated (MWH)	1987044.0	1987044.0	279587197.4
18.	Gross Electrical Energy Generated (MWH)	666477.0	666477.0	91618466.0
19.	Net Electrical Energy Generated (MWH)	643434.0	643434.0	87890221.8
20.	Unit Service Factor	100.0	100.0	68.4
21.	Unit Availability Factor	100.0	100.0	68.7
22.	Unit Capacity Factor (Using MDC Net)	99.1	99.1	64.8
23.	Unit Capacity Factor (Using DER Net)	99.4	99.4	63.8
24.	Unit Forced Outage Rate	0.0	0.0	15.1

25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None

26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: N/A
27. Units In Test Status (Prior to Commercial Operation):

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
UNIT NAME Millstone Unit
DATE 2/02/94
COMPLETED BY S. Doboe
TELEPHONE (203)-447-1791
EXT 4678

REPORT MONTH: January 1994

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	License Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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)
6 - Other (Explain)

[4] IEEE Standard 805-1984, "Recommended Practices for System Identification in Nuclear Power Plants and Related Facilities"

[5] 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 2

2. Scheduled date for next refueling outage: July 1994

3. Scheduled date for restart following refueling: October 1994

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
   Yes. Modifications planned to be implemented during the upcoming refueling outage will require license amendment changes prior to startup.

5. Scheduled date(s) for submitting licensing action and supporting information:
   April 1994.

6. Important licensing considerations associated withrefueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:
   Same fuel supplier, improved new fuel assembly design pursuant to 10CFR50.59.

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

   In Core: (a) 217 In Spent Fuel Pool: (b) 784

   NOTE: These numbers represent the total Fuel Assemblies and Consolidated Fuel Storage Boxes (3 total containing the fuel rods from 6 fuel assemblies) in these two (2) Item Control Areas.

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 1072 storage locations (without fuel consolidation). Licensed capacity is 1237 storage locations with fuel consolidation. A license amendment has been submitted to the NRC to increase the spent fuel pool storage capacity to 1306 storage locations.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:
   1994, Spent Fuel Pool Full, Core offload capacity is reached.
   1998, Core Full, Spent Fuel Pool Full.