

**NORTHEAST UTILITIES**



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

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July 10, 1992  
MP-92-741

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 June, 1992, 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: Stephen E. Scace  
Station Director,  
Millstone Nuclear Power Station

BY: Fred R. Dacimo  
Site Services Director  
Millstone Nuclear Power Station

SES:mo

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

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OPERATING DATA REPORT

DOCKET NO. 50-336  
 DATE 07/08/92  
 COMPLETED BY G. Neron  
 TELEPHONE (203) 444-5517  
 EXT. 5517

OPERATING STATUS

Notes: Items 21 and 22 cumulative are weighted averages. Unit operated at 2560 MWT prior to its uprating to the current 2700 MWT power level.

1. Unit Name: Millstone Unit 2
2. Reporting Period: June 1992
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): 903.10
7. Maximum Dependable Capacity (Net MWe): 873.10
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

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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	<u>720.0</u>	<u>4367.0</u>	<u>144767.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>3204.0</u>	<u>105257.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>2205.5</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>3188.6</u>	<u>100357.4</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>468.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>0.0</u>	<u>8506218.0</u>	<u>276028682.4</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>2827636.5</u>	<u>84404307.5</u>
18. Net Electrical Energy Generated (MWH)	<u>(-3499.0)</u>	<u>2721518.3</u>	<u>80967296.3</u>
19. Unit Service Factor	<u>0.0</u>	<u>73.0</u>	<u>69.3</u>
20. Unit Availability Factor	<u>0.0</u>	<u>73.0</u>	<u>69.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0.6</u>	<u>71.4</u>	<u>65.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0.6</u>	<u>71.6</u>	<u>64.4</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>11.4</u>	<u>15.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>The Unit is presently shutdown for refueling, replacement of the steam generators and maintenance. Duration - 141 days.</u>		

25. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: October, 1992
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>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336  
 UNIT: Millstone Unit 2  
 DATE: 07/08/92  
 COMPLETED BY: G. Neron  
 TELEPHONE: (203) 444-5517  
 EXT: 5517

MAY 1992			
DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	----
16	0		

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 2  
 DATE 07/08/92  
 COMPLETED BY Gary Neron  
 TELEPHONE (203) 444-5517  
 EXT. 5517

REPORT MONTH JUNE 1992

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
03	920529	S	720	C	1	N/A	N/A	N/A	Continuation of the re-fueling, steam generator replacement and maintenance outage from the previous month.

<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>Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for License  
 Event Report (LER) File  
 (NUREG-0161)

<sup>5</sup>Exhibit 1 - Same Source



REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
  
2. Scheduled date for next refueling shutdown: Currently in the EOC 11 Refueling, Maintenance and Steam Generator Replacement Outage.
  
3. Scheduled date for restart following refueling: October, 1992
  
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
YES
  
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:  
Millstone 2 will be replacing the Steam Generator sub-assemblies during the upcoming End of Cycle 11 refueling outage. It is anticipated this will be accomplished under 10CFR 50.59.
  
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) 712  
  
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 1237
  
  
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:  
1994, Spent Fuel Pool Full, core off load capacity is reached (with out consolidation).  
1998, Core Full, Spent Fuel Pool Full  
2009, Spent Fuel Pool Full, core off load capacity is reached - contingent upon full scale storage of consolidated fuel in the Spent Fuel Pool.