



**Northeast
Nuclear Energy**

Rope Ferry Rd. (Route 156), Waterford, CT 06385

Millstone Nuclear Power Station
Northeast Nuclear Energy Company
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The Northeast Utilities System

DEC 13 1999

Docket No. 50-336
B17936

Re: 10 CFR 50.71(a)

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Millstone Nuclear Power Station, Unit No. 2
Facility Operating License No DPR-65
Monthly Operating Report

In accordance with the reporting requirements of Technical Specification Section 6.9.1.7 for Millstone Unit No. 2, enclosed, in Attachment 1, is the monthly operating report for the month of November 1999. Later review of the October Operating Data Report indicated that it had errors in the data fields containing the forced outage data. The spreadsheet from the previous month was not properly updated with the October 1999 data. Attachment 2 provides a revised Operating Data Report for the month of October 1999.

There are no regulatory commitments contained within this letter.

Should you have any questions regarding this submittal, please contact Mr. Ravi G. Joshi at (860) 447-1791 ext. 2080.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY


C. J. Schwarz
Station Director

Attachments (2)

cc: H. J. Miller, Region I Administrator
D. P. Beaulieu, Senior Resident Inspector, Millstone Unit No. 2
R. B. Eaton, NRC Senior Project Manager, Millstone Unit No. 2

IE24

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Attachment 1

Millstone Nuclear Power Station, Unit No. 2

Facility Operating License No. DPR-65
Monthly Operating Report
November 1999

December 1999

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-336
UNIT: Millstone Unit 2
DATE: 12/02/99
COMPLETED BY: R. Borchert
TELEPHONE: (860) 447-1791
EXT: 4418

MONTH: November 1999

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	873	17	814
2	872	18	867
3	873	19	873
4	873	20	875
5	874	21	876
6	748	22	876
7	732	23	876
8	836	24	876
9	870	25	874
10	871	26	870
11	874	27	872
12	874	28	872
13	876	29	801
14	876	30	802
15	802	31	---
16	815		

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: 12/02/99
 COMPLETED BY: R. Borchert
 TELEPHONE: (860) 447-1791
 EXT: 4418

OPERATING STATUS

- | | | |
|--|---------------|----------------------------|
| 1. Docket Number | 50-336 | |
| 2. Reporting Period | November 1999 | Notes: Items 22 and 23 |
| 3. Utility Contact | R. Borchert | cumulative are weighted |
| 4. Licensed Thermal Power (MWt): | 2700 | averages. Unit operated at |
| 5. Nameplate Rating (Gross MWe): | 909 | 2560 MWTH prior to its |
| 6. Design Electrical Rating (Net MWe): | 870 | uprating to its current |
| 7. Maximum Dependable Capacity (Gross MWe): | 901.63 | 2700 MWTH power level. |
| 8. Maximum Dependable Capacity (Net MWe): | 870.63 | |
| 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	720.0	8016.0	209784.0
13. Number Of Hours Reactor Was Critical	720.0	4701.9	126613.6
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	720.0	4567.4	121179.3
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1897452.0	11949995.4	312812501.8
18. Gross Electrical Energy Generated (MWH)	635716.5	3968283.0	102677743.0
19. Net Electrical Energy Generated (MWH)	613492.5	3793919.4	98391617.1
20. Unit Service Factor	100.0	57.0	57.8
21. Unit Availability Factor	100.0	57.0	58.0
22. Unit Capacity Factor (Using MDC Net)	97.9	54.4	54.6
23. Unit Capacity Factor (Using DER Net)	97.9	54.4	54.0
24. Unit Forced Outage Rate	0.0	43.0	28.7
25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A			
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 2
 DATE: 12/02/99
 COMPLETED BY: R. Borchert
 TELEPHONE: (860) 447-1791
 EXT: 4418

REPORT MONTH: November 1999

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

¹F: Forced
 S: Scheduled

²Reason
 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)

³Method
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Continued from Previous Month
 5 - Power Reduction (Duration = 0)
 6 - Other (Explain)

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

⁵IEEE 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: April 22, 2000
3. Scheduled date for restart following refueling: June 6, 2000 (assuming a 45 day outage)
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
One relief request, five technical specification change requests have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:
Four technical specification change requests and one relief request have been submitted. The remaining items will be submitted by December 30, 1999.
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:
None at this time
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) 868
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:
Present storage capacity: 1306 storage locations
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:
2003, Spent Fuel Pool Full Core offload capacity is reached (recognizing that there are physical constraints on accessing some of the rack cell locations for fuel assembly storage purposes).
2008, Core Full, Spent Fuel Pool Full.

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Attachment 2

Millstone Nuclear Power Station, Unit No. 2

Facility Operating License No. DPR-65
Monthly Operating Report
Revised Operating Data Report for October 1999

December 1999

OPERATING DATA REPORT

UNIT NAME: Millstone Unit 2
 DATE: 12/02/99
 COMPLETED BY: R. Borchert
 TELEPHONE: (860) 447-1791
 EXT: 4418

OPERATING STATUS

- 1. Docket Number 50-336
- 2. Reporting Period October 1999 (Revised *)
- 3. Utility Contact R. Borchert
- 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): 901.63
- 8. Maximum Dependable Capacity (Net MWe): 870.63
- 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

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

	This Month	Yr.-To-Date	Cumulative
12. Hours In Reporting Period	745.0	7296.0	209064.0
13. Number Of Hours Reactor Was Critical	745.0	3981.9	125893.6
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	745.0	3847.4	120459.3
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	2007069.0	10052543.4	310915049.8
18. Gross Electrical Energy Generated (MWH)	672415.5	3332566.5	102042026.5
19. Net Electrical Energy Generated (MWH)	649495.5	3180426.9	97778124.6
20. Unit Service Factor	100.0	52.7	57.6
21. Unit Availability Factor	100.0	52.7	57.8
22. Unit Capacity Factor (Using MDC Net)	100.1	50.1	54.5
23. Unit Capacity Factor (Using DER Net)	100.2	50.1	53.9
24. Unit Forced Outage Rate	0.0*	47.3*	28.8
25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	N/A		
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