



**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

JUN 15 2000

Docket Nos. 50-336
50-423
B18138

Re: 10 CFR 50.71(a)

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

Millstone Nuclear Power Station, Unit Nos. 2 and 3
Facility Operating License Nos. DPR-65 and NPF-49
Monthly Operating Reports

In accordance with the reporting requirements of Technical Specification 6.9.1.7 for Millstone Unit No. 2 and Technical Specification 6.9.1.5 for Millstone Unit No. 3, enclosed are the Monthly Operating Reports for the month of May 2000. Attachment 1 contains the Millstone Unit No. 2 Monthly Operating Report and Attachment 2 contains the Millstone Unit No. 3 Monthly Operating Report.

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) 440-2080.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: C. J. Schwarz
Station Director

BY:


D. S. McCracken
Assistant Station Director - Safety

Attachments (2)

cc: see next page

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U.S. Nuclear Regulatory Commission
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cc: H. J. Miller, Region I Administrator
J. I. Zimmerman, NRC Project Manager, Millstone Unit No. 2
D. P. Beaulieu, Senior Resident Inspector, Millstone Unit No. 2
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3

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Attachment 1

Millstone Nuclear Power Station, Unit No. 2

Facility Operating License No. DPR-65
Monthly Operating Report
May 2000

June 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-336
UNIT: Millstone Unit 2
DATE: 06/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

MONTH: May 2000

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	0
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.

OPERATING DATA REPORT

UNIT NAME: Millstone Unit 2
DATE: 06/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number 50-336
2. Reporting Period May 2000
3. Utility Contact S. Stark
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): 873.13
9. If Changes Occur In Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons:
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.

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	3647.0	214175.0
13. Number Of Hours Reactor Was Critical	45.0	2347.1	129704.7
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	0.0	2260.3	124183.6
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	0.0	5947208.0	320678084.8
18. Gross Electrical Energy Generated (MWH)	0.0	1994278.5	105314322.5
19. Net Electrical Energy Generated (MWH)	-5176.3	1911732.4	100923063.5
20. Unit Service Factor	0.0	62.0	58.0
21. Unit Availability Factor	0.0	62.0	58.2
22. Unit Capacity Factor (Using MDC Net)	0.0	60.0	54.9
23. Unit Capacity Factor (Using DER Net)	0.0	60.3	54.3
24. Unit Forced Outage Rate	0.0	16.6	28.4
25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage 13 commenced on April 22, 2000, and is scheduled for 45 days.</u>			
26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: <u>June 6, 2000 (assuming a 45 day outage).</u>			
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: 06/01/00
 COMPLETED BY: S. Stark
 TELEPHONE: (860) 447-1791
 EXT: 4419

REPORT MONTH: May 2000

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
00-04	04/22/00	S	744	C	1	N/A	N/A	N/A	Continued refueling outage from previous month.

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: Commenced refueling 4/22/00.
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?
Six technical specification change requests and one relief request have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:
Six technical specification changes and one relief request have been approved and implemented.
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) 940
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 licensed 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:
The refueling outage scheduled for 2002 is the last outage which can be performed without losing full core discharge capability, recognizing that there are constraints on utilizing certain cell locations as storage locations. The outage scheduled for 2006 is the last outage which can accommodate a reload discharge, assuming the present licensed capacity of the spent fuel pool and recognizing that there are constraints on utilizing certain cell locations as storage locations.

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Attachment 2

Millstone Nuclear Power Station, Unit No. 3

Facility Operating License No. NPF-49
Monthly Operating Report
May 2000

June 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423
UNIT: Millstone Unit 3
DATE: 06/06/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

MONTH: May 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1161	17	1157
2	1160	18	1132
3	1158	19	1055
4	1159	20	1157
5	1159	21	1159
6	1158	22	1159
7	1159	23	1154
8	1162	24	1158
9	1156	25	1158
10	1161	26	1158
11	1157	27	1159
12	1161	28	1150
13	1157	29	1159
14	1158	30	1158
15	1159	31	1155
16	1158		

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 3
DATE: 06/06/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

OPERATING STATUS

- | | |
|---|-----------|
| 1. Docket Number | 50-423 |
| 2. Reporting Period | May 2000 |
| 3. Utility Contact | K. Emmons |
| 4. Licensed Thermal Power (MWt): | 3411 |
| 5. Nameplate Rating (Gross MWe): | 1253 |
| 6. Design Electrical Rating (Net MWe): | 1153.6 |
| 7. Maximum Dependable Capacity (Gross MWe): | 1184.2 |
| 8. Maximum Dependable Capacity (Net MWe): | 1154.0 |
| 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	3647.0	123671.0
13. Number Of Hours Reactor Was Critical	744.0	3647.0	81796.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6565.0
15. Hours Generator On-Line	744.0	3647.0	80292.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2529837.0	12425074.0	264409487.1
18. Gross Electrical Energy Generated (MWH)	893859.0	4396254.0	91510974.6
19. Net Electrical Energy Generated (MWH)	858529.3	4222985.4	87022869.8
20. Unit Service Factor	100.0	100.0	64.9
21. Unit Availability Factor	100.0	100.0	64.9
22. Unit Capacity Factor (Using MDC Net)	100.0	100.3	61.8
23. Unit Capacity Factor (Using DER Net)	100.0	100.4	61.0
24. Unit Forced Outage Rate	0.0	0.0	27.9
25. Unit Forced Outage Hours	0.0	0.0	31,055.7
26. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): No shutdowns scheduled			
27. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: N/A			
28. 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: 50-423
 UNIT NAME: Millstone Unit 3
 DATE: 06/06/00
 COMPLETED BY: K. W. Emmons
 TELEPHONE: (860) 447-1791
 EXT: 6572

REPORT MONTH: May 2000

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
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There were no reportable power reductions during the month of May.

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 3
2. Scheduled date for next refueling outage: February, 2001
3. Scheduled date for restart following refueling: March, 2001
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
Yes. Four Technical Specifications and one license amendment involving a USQ have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information: Two (2)
Technical Specification change requests have been submitted. The remaining requests will be submitted prior to 6/30/00.
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) 193 In Spent Fuel Pool: (b) 497
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: 756 storage locations
Increase in licensed storage capacity planned for total of 1860 locations.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:
The outage completed in 1999 is the last outage that could be performed without losing full core discharge capability. The outage scheduled for 2004 is the last outage which can accommodate a reload discharge assuming the present licensed capacity of the spent fuel pool.