Northeast Nuclear Energy

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

Millstone Nuclear Power Station
Northeast Nuclear Energy Company
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(860) 447-1791
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The Northeast Utilities System

AUG 14 2000

Docket Nos. 50-336
50-423
B18195

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 July 2000. Attachment 1 contains the Millstone Unit No. 2 Monthly Operating Report and Attachment 2 contains the Millstone Unit No. 3 Monthly Operating Report.

In addition, Attachments 3 and 4 contain revised Millstone Unit No. 2 Operating Data Reports for May and June 2000 respectively. The revisions were necessary to correct errors in the monthly, year-to-date, and cumulative values for the Net Electrical Energy Generated (MWH) as reported in May 2000 and thereby affecting the year to date, and cumulative values reported in June 2000.

There are no regulatory commitments contained within this letter.

IE24

Should you have any questions regarding this submittal, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

C. J. Schwarz
Station Director

Attachments (4)

cc: H. J. Miller, Region I Administrator
J. I. Zimmerman, NRC Project Manager, Millstone Unit No. 2
S. R. Jones, 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
July 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-336
UNIT: Millstone Unit 2
DATE: 08/03/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

MONTH: July 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	847	17	871
2	873	18	871
3	874	19	872
4	873	20	871
5	874	21	871
6	873	22	870
7	872	23	870
8	873	24	869
9	873	25	870
10	873	26	870
11	871	27	871
12	872	28	871
13	873	29	852
14	872	30	869
15	872	31	870
16	872		

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: 08/03/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number 50-336
2. Reporting Period July 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	5111.0	215639.0
13. Number Of Hours Reactor Was Critical	744.0	3780.3	131137.9
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	744.0	3681.7	125605.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	2002693.0	9595211.0	324326087.8
18. Gross Electrical Energy Generated (MWH)	670266.0	3210252.0	106530296.0
19. Net Electrical Energy Generated (MWH)	647382.0	3083015.2	102092617.3
20. Unit Service Factor	100.0	72.0	58.2
21. Unit Availability Factor	100.0	72.0	58.5
22. Unit Capacity Factor (Using MDC Net)	99.7	69.1	55.1
23. Unit Capacity Factor (Using DER Net)	100.0	69.3	54.5
24. Unit Forced Outage Rate	0.0	11.4	28.2

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: 08/03/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

REPORT MONTH: July 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
									There were no reportable power reductions for the month of July.

[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: February 2002

3. Scheduled date for restart following refueling: March 2002

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
   Yes. Two (2) technical specification changes have been identified at this time.

5. Scheduled date(s) for submitting licensing action and supporting information:
   Both technical specification changes will be submitted in the first quarter of 2001.

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 identified 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
July 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423
UNIT: Millstone Unit 3
DATE: 08/04/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

MONTH: July 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1147	17	1143
2	1152	18	1145
3	1149	19	1136
4	1150	20	1140
5	1149	21	1147
6	1148	22	1144
7	1151	23	1144
8	1150	24	1146
9	1151	25	1147
10	1145	26	1145
11	1146	27	1148
12	1146	28	1147
13	1144	29	1146
14	1145	30	1145
15	1143	31	1144
16	1146		

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: 08/04/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

OPERATING STATUS

1. Docket Number 50-423
2. Reporting Period July 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	5111.0	125135.0
13. Number Of Hours Reactor Was Critical	744.0	5111.0	83260.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6565.0
15. Hours Generator On-Line	744.0	5111.0	81756.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2537195.0	17417479.0	269401892.1
18. Gross Electrical Energy Generated (MWH)	887850.0	6148584.0	93263304.6
19. Net Electrical Energy Generated (MWH)	852588.2	5905906.0	88705790.4
20. Unit Service Factor	100.0	100.0	65.3
21. Unit Availability Factor	100.0	100.0	65.3
22. Unit Capacity Factor (Using MDC Net)	99.3	100.1	62.2
23. Unit Capacity Factor (Using DER Net)	99.3	100.2	61.4
24. Unit Forced Outage Rate	0.0	0.0	27.5
25. Unit Forced Outage Hours	0.0	0.0	31055.7

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: 08/06/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

REPORT MONTH: July 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
									There were no reportable power reductions during the month of July.

[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 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. Five (5) technical specification changes and one license amendment involving a USQ have been identified at this time.

5. Scheduled date(s) for submitting licensing action and supporting information: Five (5) technical specification changes and the USQ have been submitted.

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.

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Attachment 3

Millstone Nuclear Power Station, Unit No. 2

Facility Operating License No. DPR-65
Monthly Operating Report

Revised Operating Data Report for May 2000

OPERATING DATA REPORT

UNIT NAME: Millstone Unit 2
DATE: 08/03/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number: 50-336
2. Reporting Period: May 2000 (Revised*)
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	35.5	2337.6	129695.2
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)	-5307.5*	1911601.2*	100921203.3*
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	60.2	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):
    Refueling Outage 13 commenced on April 22, 2000, and is scheduled for 45 days.
26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup:
    June 6, 2000 (assuming a 45 day outage).
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

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Attachment 4

Millstone Nuclear Power Station, Unit No. 2

Facility Operating License No. DPR-65
Monthly Operating Report

Revised Operating Data Report for June 2000

OPERATING DATA REPORT

UNIT NAME: Millstone Unit 2
DATE: 08/03/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number: 50-336
2. Reporting Period: June 2000 (Revised*)
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	720.0	4367.0	214895.0
13. Number Of Hours Reactor Was Critical	698.7	3036.3	130393.9
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	677.4	2937.7	124861.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1645310.0	7592518.0	322323394.8
18. Gross Electrical Energy Generated (MWH)	545707.5	2539986.0	105860030.0
19. Net Electrical Energy Generated (MWH)	524032.0	2435633.2*	101445235.3*
20. Unit Service Factor	94.1	67.3	58.1
21. Unit Availability Factor	94.1	67.3	58.3
22. Unit Capacity Factor (Using MDC Net)	83.4	63.9	55.0
23. Unit Capacity Factor (Using DER Net)	83.7	64.1	54.4
24. Unit Forced Outage Rate	3.3	13.9	28.3

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