Northeast
Nuclear Energy

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

Millstone Nuclear Power Station
Northeast Nuclear Energy Company
P.O. Box 128
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(860) 447-1791
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The Northeast Utilities System

APR 12 2000

Docket Nos. 50-336
50-423
B18082

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 NFP-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 March 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) 447-1791, extension 2080.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: C. J. Schwarz
Station Director

BY: _____
D. S. McCracken
Assistant Station Director - Safety

cc: See next page

IE24

Attachments (2)

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
March 2000

April 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-336
UNIT: Millstone Unit 2
DATE: 04/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

MONTH: March 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	875	17	875
2	875	18	875
3	874	19	875
4	875	20	875
5	876	21	876
6	875	22	875
7	875	23	875
8	876	24	727
9	876	25	837
10	875	26	874
11	875	27	874
12	875	28	874
13	874	29	875
14	875	30	874
15	875	31	874
16	875		

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: 04/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number 50-336
2. Reporting Period March 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	2184.0	212712.0
13. Number Of Hours Reactor Was Critical	744.0	1772.0	129129.6
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	744.0	1733.7	123657.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1994903.0	4597669.0	319328545.8
18. Gross Electrical Energy Generated (MWH)	669231.0	1541973.0	104862017.0
19. Net Electrical Energy Generated (MWH)	646425.0	1481757.5	100493088.6
20. Unit Service Factor	100.0	79.4	58.1
21. Unit Availability Factor	100.0	79.4	58.4
22. Unit Capacity Factor (Using MDC Net)	99.5	77.7	55.0
23. Unit Capacity Factor (Using DER Net)	99.9	78.0	54.4
24. Unit Forced Outage Rate	0.0	20.6	28.5

25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling Outage 13 is scheduled to commence on April 22, 2000, and is scheduled for 45 days.
26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup:
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: 04/03/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

REPORT MONTH: March 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
00-03	03/24/00	F	0.0	G	5	N/A	JD	FU	During testing of fuses, Control Element Assembly (CEA) A-48 dropped due to a blown fuse caused by human error. Performed plant downpower to less than 70% power to recover the dropped CEA per plant Technical Specifications. The human error was caused by a failure to properly self-check when using a digital voltmeter. Action to prevent recurrence is being developed.

[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: 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?
   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 change requests and one relief request have been submitted. Four tech spec changes and one relief request have been approved by the NRC.

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 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:
   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. 3

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

April 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423
UNIT: Millstone Unit 3
DATE: 04/06/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

MONTH: March 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1158	17	1160
2	1160	18	1159
3	1158	19	1161
4	1159	20	1160
5	1158	21	1162
6	1164	22	1158
7	1155	23	1163
8	1159	24	1161
9	1138	25	1163
10	1156	26	1161
11	1160	27	1160
12	1162	28	1162
13	1158	29	1161
14	1161	30	1161
15	1163	31	1161
16	1157		

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: 04/06/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

OPERATING STATUS

1. Docket Number 50-423
2. Reporting Period March 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	2,184.0	122,208.0
13. Number Of Hours Reactor Was Critical	744.0	2,184.0	80,333.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6,565.0
15. Hours Generator On-Line	744.0	2,184.0	78,829.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2,535,211.0	7,443,504.0	259,427,917.1
18. Gross Electrical Energy Generated (MWH)	897,820.5	2,634,220.5	89,748,941.1
19. Net Electrical Energy Generated (MWH)	862,512.7	2,530,442.4	85,330,326.8
20. Unit Service Factor	100.0	100.0	64.5
21. Unit Availability Factor	100.0	100.0	64.5
22. Unit Capacity Factor (Using MDC Net)	100.5	100.4	61.3
23. Unit Capacity Factor (Using DER Net)	100.5	100.4	60.5
24. Unit Forced Outage Rate	0.0	0.0	28.3
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: 04/06/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

REPORT MONTH: March 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 March.

[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. Four Technical Specifications and twelve relief requests have been identified at this time.

5. Scheduled date(s) for submitting licensing action and supporting information:
   Expected date for submittals - June 30, 2000.

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:
   2001, Spent Fuel Pool Full, Core offload capacity is reached.