Northeast
Nuclear Energy

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

NOV 13 2000

Docket Nos. 50-336
50-423
B18267

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 October 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. David W. Dodson at (860) 447- 1791, extension 2346.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: C. J. Schwarz
Master Process Owner - Operate the Asset

BY: 11/13/00
Daniel A. Hagan
Process Owner - Operations MP2

Attachments (2)

cc: See next page

IE24

OS3422-5 REV. 12-95

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
October 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-336
UNIT: Millstone Unit 2
DATE: 11/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

MONTH: October 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	861	17	870
2	864	18	872
3	862	19	871
4	862	20	871
5	864	21	801
6	862	22	871
7	842	23	872
8	785	24	831
9	867	25	846
10	868	26	870
11	870	27	871
12	870	28	872
13	871	29	873
14	842	30	873
15	870	31	873
16	870		

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: 11/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number	50-336	
2. Reporting Period	October 2000	Notes: Items 22 and 23
3. Utility Contact	S. Stark	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):	873.13	

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	745.0	7320.0	217848.0
13. Number Of Hours Reactor Was Critical	745.0	5989.3	133346.9
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	745.0	5890.7	127814.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1986900.0	15509773.0	330240649.8
18. Gross Electrical Energy Generated (MWH)	663989.9	5182637.9	108502681.9
19. Net Electrical Energy Generated (MWH)	640859.9	4986737.1	103996339.2
20. Unit Service Factor	100.0	80.5	58.7
21. Unit Availability Factor	100.0	80.5	58.9
22. Unit Capacity Factor (Using MDC Net)	98.5	78.0	55.6
23. Unit Capacity Factor (Using DER Net)	98.9	78.3	55.0
24. Unit Forced Outage Rate	0.0	7.4	27.8

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-336
UNIT NAME: Millstone Unit 2
DATE: 11/01/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

REPORT MONTH: October 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 October 2000.

[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 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
October 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423
UNIT: Millstone Unit 3
DATE: 11/02/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

MONTH: October 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1148	17	1151
2	1149	18	1152
3	1146	19	1153
4	1143	20	1154
5	1148	21	1152
6	1143	22	1154
7	1148	23	1152
8	1152	24	1154
9	1151	25	1154
10	1153	26	1154
11	1156	27	1153
12	1152	28	1152
13	1157	29	1154
14	1146	30	1155
15	1149	31	1156
16	1156		

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: 11/02/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

OPERATING STATUS

1. Docket Number: 50-423
2. Reporting Period: October 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	745.0	7320.0	127344.0
13. Number Of Hours Reactor Was Critical	745.0	7320.0	85469.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6565.0
15. Hours Generator On-Line	745.0	7320.0	83965.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2536445.0	24946419.0	276930832.1
18. Gross Electrical Energy Generated (MWH)	893328.0	8785729.5	95900450.1
19. Net Electrical Energy Generated (MWH)	857906.1	8438362.0	91238246.4
20. Unit Service Factor	100.0	100.0	65.9
21. Unit Availability Factor	100.0	100.0	65.9
22. Unit Capacity Factor (Using MDC Net)	99.8	99.9	62.9
23. Unit Capacity Factor (Using DER Net)	99.8	99.9	62.1
24. Unit Forced Outage Rate	0.0	0.0	27.0
25. Unit Forced Outage Hours	0.0	0.0	31055.7

26. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
3R7 is scheduled to begin on February 3, 2001, for a 36 day duration.
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: 11/02/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

REPORT MONTH: October 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 October.

[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: All (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.