Northeast
Nuclear Energy

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

Millstone Nuclear Power Station
Northeast Nuclear Energy Company
P.O. Box 128
Waterford, CT 06385-0128
(860) 447-1791
Fax (860) 444-4277

The Northeast Utilities System

MAR 14 2000

Docket Nos. 50-336
50-423
B18016

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 February 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
February 2000

March 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-336
UNIT: Millstone Unit 2
DATE: 03/02/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

MONTH: February 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	875	17	0
2	854	18	0
3	875	19	0
4	876	20	0
5	876	21	0
6	876	22	0
7	876	23	0
8	876	24	0
9	877	25	0
10	877	26	0
11	493	27	17
12	0	28	701
13	0	29	868
14	0	30	-
15	0	31	-
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: 03/02/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

OPERATING STATUS

1. Docket Number	50-336	
2. Reporting Period	February 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:
Maximum Dependable Capacity (Net Mwe) has been revised based on Summer 1999 Maximum Claimed Capability Audit

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	696.0	1440.0	211968.0
13. Number Of Hours Reactor Was Critical	323.8	1028.0	128385.6
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	307.5	989.7	122913.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	805675.0	2602766.0	317333642.8
18. Gross Electrical Energy Generated (MWH)	269806.5	872742.0	104192786.0
19. Net Electrical Energy Generated (MWH)	254988.9	835332.5	99846663.6
20. Unit Service Factor	44.2	68.7	58.0
21. Unit Availability Factor	44.2	68.7	58.2
22. Unit Capacity Factor (Using MDC Net)	42.0	66.4	54.9
23. Unit Capacity Factor (Using DER Net)	42.1	66.7	54.2
24. Unit Forced Outage Rate	55.8	31.3	28.6

25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit 2 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: 03/02/00
COMPLETED BY: S. Stark
TELEPHONE: (860) 447-1791
EXT: 4419

REPORT MONTH: February 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
00-02	02/11/00	F	388.5	A	2	00-003-00	JD	FU	During Surveillance Testing Control Element Assembly (CEA) 7-65 dropped to 0 steps. During the downpower to recover the dropped CEA, CEA 3-63 dropped to 0 steps. The operators manually tripped the reactor as required by plant procedures. Replaced Fuses and replaced CEDM 7-65 coil stack.

[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?
   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:
   Five technical specification change requests and one relief request 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) 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 with core offload (recognizing that there are physical constraints on accessing some of the rack cell locations for fuel assembly storage purposes).
   2008, Spent fuel pool full with discharged reload.

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Attachment 2

Millstone Nuclear Power Station, Unit No. 3

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

March 2000

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-423
UNIT: Millstone Unit 3
DATE: 03/03/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

MONTH: February 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1160	17	1156
2	1159	18	1162
3	1157	19	1157
4	1158	20	1159
5	1157	21	1158
6	1162	22	1161
7	1159	23	1157
8	1160	24	1157
9	1160	25	1155
10	1161	26	1152
11	1161	27	1158
12	1160	28	1156
13	1161	29	1158
14	1158	30	
15	1159	31	
16	1160		

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: 03/03/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

OPERATING STATUS

1. Docket Number: 50-423
2. Reporting Period: February 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: Net MDC changed due to Audit NX-12
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	696.0	1,440.0	121,464.0
13. Number Of Hours Reactor Was Critical	696.0	1,440.0	79,589.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6,565.0
15. Hours Generator On-Line	696.0	1,440.0	78,085.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2,373,406.0	4,908,293.0	256,892,706.1
18. Gross Electrical Energy Generated (MWH)	839,437.5	1,736,400.0	88,851,120.6
19. Net Electrical Energy Generated (MWH)	806,364.7	1,667,929.7	84,467,814.1
20. Unit Service Factor	100.0	100.0	64.3
21. Unit Availability Factor	100.0	100.0	64.3
22. Unit Capacity Factor (Using MDC Net)	100.4	100.4	61.1
23. Unit Capacity Factor (Using DER Net)	100.4	100.4	60.3
24. Unit Forced Outage Rate	0.0	0.0	28.5
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: 03/03/00
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

REPORT MONTH: February 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 February.

[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?
   No

5. Scheduled date(s) for submitting licensing action and supporting information:
   N/A

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 with core offload.