



**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

JAN 12 2001

Docket Nos. 50-336
50-423
B18310

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 December 2000. Attachment 1 contains the Millstone Unit No. 2 Monthly Operating Report for December 2000.

A typographical error in the July 2000 printometer readings affected the Millstone Unit No. 2 Average Daily Unit Power Level data sheet for July 2000, and the Millstone Unit No. 2 Net Electrical Energy Generated year-to-date and cumulative totals for the months of July, August, September, October, and November 2000. Attachment 2 provides the revised Millstone Unit No. 2 Average Daily Unit Power Level for July 2000. Attachment 3 provides revised Millstone Unit No. 2 Operating Data Reports for the July 2000 through November 2000 time-frame.

Attachment 4 contains the Millstone Unit No. 3 Monthly Operating Report for December 2000.

There are no regulatory commitments contained within this letter.

JEH

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
Master Process Owner - Operate the Asset

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

Docket Nos. 50-336
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Attachment 1

Millstone Nuclear Power Station, Unit No. 2

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
UNIT Millstone Unit 2
DATE 01/02/01
COMPLETED BY S. Stark
TELEPHONE (860) 447-1791
EXT 4419

MONTH: DECEMBER 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	875	17	869
2	874	18	873
3	874	19	876
4	874	20	875
5	875	21	875
6	875	22	876
7	875	23	875
8	875	24	875
9	874	25	874
10	875	26	875
11	876	27	876
12	871	28	876
13	872	29	876
14	873	30	877
15	876	31	877
16	787		

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	01/02/01
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXT	4419

OPERATING STATUS

- | | | |
|---|---------------|---|
| 1. Docket Number | 50-336 | |
| 2. Reporting Period | December 2000 | |
| 3. Utility Contact | S. Stark | Notes: Items 22 and 23 cumulative are weighted averages. Unit operated at 2560 MWTH prior to its uprating to the current 2700 MWTH power level. |
| 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 | |
| 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	8784.0	219312.0
13. Number Of Hours Reactor Was Critical	744.0	7453.3	134810.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	744.0	7354.7	129278.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1996299.0	19442467.0	334173343.8
18. Gross Electrical Energy Generated (MWH)	671275.5	6503824.4	109823868.4
19. Net Electrical Energy Generated (MWH)	648616.5	6263193.6	105272795.7
20. Unit Service Factor	100.0	83.7	58.9
21. Unit Availability Factor	100.0	83.7	59.2
22. Unit Capacity Factor (Using MDC Net)	99.8	81.7	55.9
23. Unit Capacity Factor (Using DER Net)	100.2	82.0	55.3
24. Unit Forced Outage Rate	0.0	6.0	27.6
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: 01/02/01
 COMPLETED BY: S. Stark
 TELEPHONE: (860) 447-1791
 EXT: 4419

REPORT MONTH: December 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 December
 2000.

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: 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 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. 2

**Facility Operating License No. DPR-65
Monthly Operating Report**

Revised Average Daily Unit Power Level - July 2000

AVERAGE DAILY UNIT POWER LEVEL - REVISED DATA

DOCKET NO. 50-336
UNIT Millstone Unit 2
DATE 01/02/01
COMPLETED BY S. Stark
TELEPHONE (860) 447-1791
EXT 4419

MONTH: JULY 2000 (Revised)

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	869*
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.

* Data Revised as of January 2001

Docket Nos. 50-336
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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 Reports for July 2000 through November 2000

OPERATING DATA REPORT - REVISED DATA

UNIT NAME	Millstone Unit 2
DATE	01/02/01
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXT	4419

OPERATING STATUS

- | | | |
|---|---------------------|---------------------------|
| 1. Docket Number | 50-336 | |
| 2. Reporting Period | July 2000 (Revised) | Notes: Items 22 and 23 |
| 3. Utility Contact | S. Stark | cumulative are weighted |
| 4. Licensed Thermal Power (MWt): | 2700 | averages. Unit operated |
| 5. Nameplate Rating (Gross MWe): | 909 | at 2560 MWTH prior to its |
| 6. Design Electrical Rating (Net MWe): | 870 | uprating to the 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	744.0	5111.0	215639.0
13. Number Of Hours Reactor Was Critical	744.0	3780.3	131137.0
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)	647352.0*	3082985.2*	102092587.3*
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

* Data Revised as of January 2001

OPERATING DATA REPORT - REVISED DATA

UNIT NAME	Millstone Unit 2
DATE	01/02/01
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXT	4419

OPERATING STATUS

1. Docket Number	50-336
2. Reporting Period	August 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 the 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	5855.0	216383.0
13. Number Of Hours Reactor Was Critical	744.0	4524.3	131881.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	744.0	4425.7	126349.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	2004241.0	11599452.0	326330328.8
18. Gross Electrical Energy Generated (MWH)	669100.5	3879352.5	107199396.5
19. Net Electrical Energy Generated (MWH)	646069.5	3729054.7*	102738656.8*
20. Unit Service Factor	100.0	75.6	58.4
21. Unit Availability Factor	100.0	75.6	58.6
22. Unit Capacity Factor (Using MDC Net)	99.5	72.9	55.3
23. Unit Capacity Factor (Using DER Net)	99.8	73.2	54.7
24. Unit Forced Outage Rate	0.0	9.7	28.1
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

* Data Revised as of January 2001

OPERATING DATA REPORT - REVISED DATA

UNIT NAME	Millstone Unit 2
DATE	01/02/01
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXT	4419

OPERATING STATUS

- | | | |
|---|--------------------------|--|
| 1. Docket Number | 50-336 | |
| 2. Reporting Period | September 2000 (Revised) | Notes: Items 22 and 23 cumulative are weighted averages. Unit operated at 2560 MWTH prior to its uprating to the current 2700 MWTH power level. |
| 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 | |
| 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	6575.0	217103.0
13. Number Of Hours Reactor Was Critical	720.0	5244.3	132601.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	720.0	5145.7	127069.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1923421.0	13522873.0	328253749.8
18. Gross Electrical Energy Generated (MWH)	639295.5	4518648.0	107838692.0
19. Net Electrical Energy Generated (MWH)	616792.5	4345847.2*	103355449.3*
20. Unit Service Factor	100.0	78.3	58.5
21. Unit Availability Factor	100.0	78.3	58.7
22. Unit Capacity Factor (Using MDC Net)	98.1	75.7	55.4
23. Unit Capacity Factor (Using DER Net)	98.5	76.0	54.8
24. Unit Forced Outage Rate	0.0	8.4	28.0
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

* Data Revised as of January 2001

OPERATING DATA REPORT - REVISED DATA

UNIT NAME	Millstone Unit 2
DATE	01/02/01
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXT	4419

OPERATING STATUS

- | | | |
|---|------------------------|---------------------------|
| 1. Docket Number | 50-336 | |
| 2. Reporting Period | October 2000 (Revised) | Notes: Items 22 and 23 |
| 3. Utility Contact | S. Stark | cumulative are weighted |
| 4. Licensed Thermal Power (MWt): | 2700 | averages. Unit operated |
| 5. Nameplate Rating (Gross MWe): | 909 | at 2560 MWTH prior to its |
| 6. Design Electrical Rating (Net MWe): | 870 | uprating to the 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	133346.0
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	4986707.1*	103996309.2*
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

* Data Revised as of January 2001

OPERATING DATA REPORT - REVISED DATA

UNIT NAME	Millstone Unit 2
DATE	01/02/01
COMPLETED BY	S. Stark
TELEPHONE	(860) 447-1791
EXT	4419

OPERATING STATUS

- | | | |
|---|-------------------------|---|
| 1. Docket Number | 50-336 | Notes: Items 22 and 23 cumulative are weighted averages. Unit operated at 2560 MWTH prior to its uprating to the current 2700 MWTH power level. |
| 2. Reporting Period | November 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 | |
| 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	8040.0	218568.0
13. Number Of Hours Reactor Was Critical	720.0	6709.3	134066.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	2205.5
15. Hours Generator On-Line	720.0	6610.7	128534.0
16. Unit Reserve Shutdown Hours	0.0	0.0	468.2
17. Gross Thermal Energy Generated (MWH)	1936395.0	17446168.0	332177044.8
18. Gross Electrical Energy Generated (MWH)	649911.0	5832548.9	109152592.9
19. Net Electrical Energy Generated (MWH)	627870.0	5614577.1*	104624179.2*
20. Unit Service Factor	100.0	82.2	58.8
21. Unit Availability Factor	100.0	82.2	59.0
22. Unit Capacity Factor (Using MDC Net)	99.9	80.0	55.7
23. Unit Capacity Factor (Using DER Net)	100.2	80.3	55.1
24. Unit Forced Outage Rate	0.0	6.7	27.7
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

* Data Revised as of January 2001

Docket Nos. 50-336
50-423
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Attachment 4

Millstone Nuclear Power Station, Unit No. 3

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-423
UNIT Millstone Unit 3
DATE 01-03-01
COMPLETED BY K. W. Emmons
TELEPHONE (860) 447-1791
EXT 6572

MONTH: December 2000

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1152	17	1152
2	1155	18	1163
3	1159	19	1159
4	1158	20	1160
5	1158	21	1160
6	1159	22	1158
7	1159	23	1161
8	1159	24	1159
9	1159	25	1143
10	1160	26	1138
11	1156	27	1129
12	1157	28	1121
13	1157	29	1117
14	1159	30	1104
15	1158	31	1101
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: 01/03/01
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
EXT: 6572

OPERATING STATUS

1. Docket Number 50-423
2. Reporting Period December 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	8784.0	128808.0
13. Number Of Hours Reactor Was Critical	744.0	8784.0	86933.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6565.0
15. Hours Generator On-Line	744.0	8784.0	85429.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2511673.0	29911644.0	281896057.1
18. Gross Electrical Energy Generated (MWH)	890823.0	10542502.5	97657233.1
19. Net Electrical Energy Generated (MWH)	855597.7	10125723.4	92925607.8
20. Unit Service Factor	100.0	100.0	66.3
21. Unit Availability Factor	100.0	100.0	66.3
22. Unit Capacity Factor (Using MDC Net)	99.7	99.9	63.3
23. Unit Capacity Factor (Using DER Net)	99.7	99.9	62.5
24. Unit Forced Outage Rate	0.0	0.0	26.7
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 01-03-01
 COMPLETED BY K. W. Emmons
 TELEPHONE (860) 447-1791 X 6572

REPORT MONTH: December 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 December. Coastdown for End of Cycle 7 was started on 12/24/00.

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. Five (5) Technical Specifications 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 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.
Increase in licensed storage capacity planned for total of 1860 locations. The Technical Specification change for the increase in licensed storage capacity has been received and was implemented on January 9, 2001.
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.