



**Northeast
Nuclear Energy**

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

NOV 10 1999

Docket No. 50-423
B17922

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Millstone Nuclear Power Station Unit No. 3
Facility Operating License Number NPF-49
Monthly Operating Report for October 1999

In accordance with the reporting requirements of Technical Specification 6.9.1.5 for Millstone Unit No. 3, enclosed in Attachment 1 is the Monthly Operating Report for the month of October 1999.

There are no regulatory commitments contained within this letter.

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

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY


C. J. Schwarz
Station Director

Attachments (1)

cc: H. J. Miller, Region I Administrator
J. A. Nakoski, NRC 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. 3

Facility Operating License No. NPF-49

October 1999 Monthly Operating Report

November 1999

REFUELING INFORMATION REQUEST
October 1999

1. Name of the facility: Millstone Unit 3
2. Scheduled date for next refueling outage: March, 2001
3. Scheduled date for restart following refueling: April, 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.
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.
9. The projected date of the last refueling that can be fully discharged to the spent fuel pool assuming present license capacity:
End of Cycle 7.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-423
UNIT: Millstone Unit 3
DATE: 11/01/99
COMPLETED BY: K.W. Emmons
TELEPHONE: (860) 447-1791
Ext. 6572

MONTH: Oct-99

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1150	17	1148
2	1152	18	1153
3	1150	19	1155
4	1154	20	1154
5	1152	21	1156
6	1148	22	1152
7	1150	23	1156
8	1151	24	1154
9	1152	25	1153
10	1151	26	1154
11	1152	27	1153
12	1151	28	1152
13	1153	29	1151
14	1151	30	1152
15	1151	31	1155
16	1066		

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: 11/01/99
 COMPLETED BY: K. W. Emmons
 TELEPHONE: (860) 447-1791
Ext 6572

OPERATING STATUS

1. Docket Number 50-423
 2. Reporting Period Oct. 1999
 3. Utility Contact K. W. Emmons
 4. Licensed Thermal Power (MWt): 3411
 5. Nameplate Rating (Gross MWe): 1253MW
 6. Design Electrical Rating (Net MWe): 1153.6
 7. Maximum Dependable Capacity (Gross MWe): 1184.2
 8. Maximum Dependable Capacity(Net MWe): 1140.0
 9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons:
N/A

Notes:

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	7296.0	118560.0
13. Number Of Hours Reactor Was Critical	745.0	5939.7	76685.0
14. Reactor Reserve Shutdown Hours	0.0	0.0	6565.0
15. Hours Generator On-Line	745.0	5865.4	75181.5
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2533921.0	19587860.0	247000656.1
18. Gross Electrical Energy Generated (MWH)	891574.5	6861154.5	85352928.6
19. Net Electrical Energy Generated (MWH)	856252.0	6563188.3	81107398.4
20. Unit Service Factor	100.0	80.4	63.4
21. Unit Availability Factor	100.0	80.4	63.4
22. Unit Capacity Factor (Using MDC Net)	100.8	78.9	60.1
23. Unit Capacity Factor (Using DER Net)	99.6	78.0	59.3
24. Unit Forced Outage Rate	0.0	0.0	29.2
25. Unit Forced Outage Hours	0.0	0.0	31055.7

Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): No shutdowns scheduled

27. If Currently Shutdown, 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: 11-01-99
 COMPLETED BY: K. W. Emmons
 TELEPHONE: (860) 447-1791 X6572

REPORT MONTH: October 1999

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									

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"