



**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 11 1999  
Docket No. 50-423  
B17701

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 February 1999

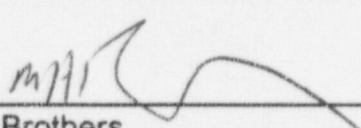
In accordance with the reporting requirements of Technical Specification 6.9.1.5 for Millstone Unit No. 3, enclosed in Attachment 1 is the Monthly Operating Report for the month of February 1999.

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

  
M. H. Brothers  
Vice President - Operations

Attachments (1)

cc: H. J. Miller, Region 1 Administrator  
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3  
J. W. Andersen, NRC Project Manager, Millstone Unit No. 3

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Attachment 1

Millstone Nuclear Power Station, Unit No. 3

Facility Operating License No. NPF-49

February 1999 Monthly Operating Report

March 1999

REFUELING INFORMATION REQUEST  
February 1999

1. Name of the facility: Millstone Unit 3
2. Scheduled date for next refueling outage: May 1, 1999
3. Scheduled date for restart following refueling: June 18, 1999
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Yes - RCP Flywheel Inspection Relief
5. Scheduled date(s) for submitting licensing action and supporting information:  
RCP Flywheel Inspection Relief - submitted 2/99
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) 416
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 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: 3/1/99  
COMPLETED BY: K. W. Emmons  
TELEPHONE: (860) 447-1791  
Ext. 6572

MONTH: Feb-99

DAY      AVG. DAILY POWER LEVEL  
            (MWe-Net)

1	1153
2	1157
3	1156
4	1154
5	1157
6	1152
7	1165
8	1147
9	1159
10	1087
11	1136
12	1152
13	1154
14	1156
15	1154
16	1156

DAY      AVG. DAILY POWER LEVEL  
            (MWe-Net)

17	1167
18	1146
19	1167
20	1143
21	1178
22	1139
23	1151
24	1152
25	1156
26	1155
27	1155
28	1156
29	
30	
31	

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: 03/01/99  
COMPLETED BY: K. W. Emmons  
TELEPHONE: (860) 447-1791  
Ext 6572

## OPERATING STATUS

1. Docket Number 50-423  
2. Reporting Period Feb-99  
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	672.0	1416.0	112680.0
13. Number Of Hours Reactor Was Critical	672.0	1416.0	72161.3
14. Reactor Reserve Shutdown Hours	0.0	0.0	6565.0
15. Hours Generator On-Line	672.0	1416.0	70732.1
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2286862.0	4732803.0	232145599.1
18. Gross Electrical Energy Generated (MWH)	806185.5	1664695.5	80156469.6
19. Net Electrical Energy Generated (MWH)	774240.4	1597636.5	76141846.6
20. Unit Service Factor	100.0	100.0	62.8
21. Unit Availability Factor	100.0	100.0	62.8
22. Unit Capacity Factor (Using MDC Net)	101.1	99.0	59.4
23. Unit Capacity Factor (Using DER Net)	99.9	97.8	58.6
24. Unit Forced Outage Rate	0.0	0.0	30.5
25. Unit Forced Outage Hours	0.0	0.0	31055.7

Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling RFO 6 5/01/99 - 6/18/99

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: 03-01-99  
COMPLETED BY: K. W. Emmons  
TELEPHONE: (860) 447-1791 X6572

REPORT MONTH: February 1999

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
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No shutdowns or  
power reductions  
occurred during  
this month.

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>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)

<sup>3</sup>Method  
1 - Manual  
2 - Manual Scram  
3 - Automatic Scram  
4 - Continued from Previous Month  
5 - Power Reduction (Duration = 0)  
6 - Other (Explain)

<sup>4</sup>IEEE Standard 80F-1984,  
"Recommended Practices  
for System Identification in  
Nuclear Power Plants and  
Related Facilities"

<sup>5</sup>IEEE Standard 803A-1983,  
"Recommended Practices  
for Unique Identification in  
Power Plants and Related  
Facilities - Component  
Function Identifiers"