



**Northeast
Utilities System**

Millstone Offices • Rope Ferry Rd., Waterford, CT

P.O. Box 128
Waterford, CT 06385-0128
(203) 447-1791

January 15, 1997

Docket Nos. 50-245
B16150

Re: 10CFR50.71(a)

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

Millstone Nuclear Power Station, Unit No. 1
Facility Operating License No. DPR-21
Monthly Operating Report

In accordance with the reporting requirements of Technical Specification Section 6.9.1.6 for Millstone Unit No. 1, enclosed is the monthly operating report for the month of December 1996.

Very truly, yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Paul Hinnenkamp
Director - Unit Operations
Millstone Unit No. 1

Attachments (1)

cc: Dr. W. D. Travers, Director, Special Projects
H. J. Miller, Region I Administrator
S. Dembek, NRC Project Manager, Millstone Unit No. 1
T. A. Easlick, Senior Resident Inspector, Millstone Unit No. 1

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Attachment 1

Millstone Unit No. 1

Facility Operating License No. DPR-21

Monthly Operating Report - December

January 1997

OPERATING DATA REPORT

UNIT NAME Millstone Unit 1
DATE 1/8/97
COMPLETED BY G. Newburgh
TELEPHONE (860)444-5730

OPERATING STATUS

1. Docket Number 50-245
2. Reporting Period December 1996
3. Utility Contact G. Newburgh
4. Licensed Thermal Power (MWt): 2011
5. Nameplate Rating (Gross MWe): 662
6. Design Electrical Rating (Net MWe): 660
7. Maximum Dependable Capacity (Gross MWe): 670
8. Maximum Dependable Capacity (Net MWe): 641
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): 0
11. Reasons For Restrictions, If Any: NRC Category III Facility; NRC Confirmatory Order requiring implementation of an independent corrective action verification program; NRC Order requiring a third-party review of the employee concerns program at Millstone Station; design basis verification response pursuant to 10CFR52.54(f).

	This Month	Yr.-To-Date	Cumulative
12. Hours In Reporting Period	744.0	8784.0	228000.0
13. Number Of Hours Reactor Was Critical	0.0	0.0	170529.9
14. Reactor Reserve Shutdown Hours	0.0	0.0	3283.3
15. Hours Generator On-Line	0.0	0.0	166560.7
16. Unit Reserve Shutdown Hours	0.0	0.0	93.7
17. Gross Thermal Energy Generated (MWH)	0.0	0.0	314372827.0
18. Gross Electrical Energy Generated (MWH)	0.0	0.0	105938737.0
19. Net Electrical Energy Generated (MWH)	-2254.0	-26402.0	101043549.0
20. Unit Service Factor	0.0	0.0	73.1
21. Unit Availability Factor	0.0	0.0	73.1
22. Unit Capacity Factor (Using MDC Net)	-0.5	-0.5	67.8
23. Unit Capacity Factor (Using DER Net)	-0.5	-0.5	67.1
24. Unit Forced Outage Rate	100.0	100.0	15.7
25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Shutdown at time of this report			

26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: To be determined
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. 50-245
 UNIT NAME Millstone Unit 1
 DATE 1/8/97
 COMPLETED BY G. Newburgh
 TELEPHONE (860)-444-5730

REPORT MONTH December 1996

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
95-10L	951213	F	744	D	4	N/A	N/A	N/A	NRC Category III facility; NRC Confirmatory Order requiring independent corrective action verification, NRC Order requiring third- party review of Millstone Station employee concerns program; design basis verification for response to NRC pursuant to 10CFR50.54(f).

RFO activities continue.

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"

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-245
 UNIT NAME Millstone Unit 1
 DATE 1/8/97
 COMPLETED BY G. Newburgh
 TELEPHONE (860)-444-5730

REPORT MONTH: December 1996

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
95-10L	951213	F	744	D	4	N/A	N/A	N/A	NRC Category III facility; NRC Confirmatory Order requiring independent corrective action verification; NRC Order requiring third- party review of Millstone Station employee concerns program; design basis verification for response to NRC pursuant to 10CFR50 54(f).

RFO activities continue.

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Facilities - Component
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-245

UNIT: Millstone Unit 1

DATE: 1/8/97

COMPLETED BY: G. Newburgh

TELEPHONE: (860) 444-5730

MONTH: December 1996

DAY AVG. DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVG. DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

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.

REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit 1
2. Scheduled date for next refueling outage: Current refueling outage started November 1995. Next refueling outage date to be determined.
3. Scheduled date for restart following refueling: To be determined
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
Yes, however the entire scope is to be determined.
5. Scheduled date(s) for submitting licensing action and supporting information:
None at this time
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:
184 GE-11 fuel assemblies
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:
In Core: (a) 0 In Spent Fuel Pool: (b) 3068 Unconsolidated
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 Capacity: Maximum 3229 fuel assembly locations
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:
1998/1999, spent fuel pool full, core offload capacity is reached