



**Northeast
Nuclear Energy**

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

NOV 15 1999

Docket No. 50-245
B17924

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 October, 1999.

Should you have any questions regarding this submittal, please contact Ms. Mari Jaworsky at (860) 447-1791, Ext. 5379.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

D. Landeche
Director - Unit 1 Operations

Attachments (1)

cc: H. J. Miller, Region I Administrator
L. L. Wheeler, NRC Project Manager, Millstone Unit No. 1
P. C. Cataldo, NRC Inspector

IE24

Docket No. 50-245
B17924

Attachment 1

Millstone Nuclear Power Station Unit No. 1

Facility Operating License No. DPR-21

Monthly Operating Report - October 1999

November 1999

REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit No. 1
2. Scheduled date for next refueling outage: Permanently ceased operation
and certifications submitted to the NRC in accordance with 10CFR50.82.⁽¹⁾
3. Scheduled date for restart following refueling: N/A
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? N/A
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: N/A
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool (c) in the New Fuel Storage Vault:
(a) In Core: 0 b. In Spent Fuel Pool: 2884 Unconsolidated (c) In Fuel Vault: 184
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: N/A

⁽¹⁾ B. D. Kenyon letter to U. S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 1, Certification of Power Operations And That Fuel Has Been Permanently Removed From The Reactor," dated July 21, 1998.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-245
UNIT: Millstone Unit 1
DATE: 10/07/99
COMPLETED BY: G. Newburgh
TELEPHONE: (860) 444-5730

MONTH: October 1999

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<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.

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UNIT NAME: Millstone Unit 1
DATE: 10/07/99
COMPLETED BY: G. Newburgh
TELEPHONE: (860)444-5730

OPERATING STATUS

1. Docket Number	50-245	* Additional hour from daylight savings Corrections to August 1999 and September 1999 reports: Line 19: Yr-to-date -13138.0 Lines 22 & 23 Yr-to-date: -0.3
2. Reporting Period	October, 1999	
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	
10. Power Level To Which Restricted, If any (Net MWe):	0	
11. Reasons For Restrictions, If Any:	Permanently ceased operations and certifications submitted to the NRC in accordance with 10CFR50.82	

	This Month	Yr.-To-Date	Cumulative
12. Hours In Reporting Period	745.0*	7296.0	252816.0
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)	0.0	-13138.0	100980830.0
20. Unit Service Factor	0.0	0.0	65.9
21. Unit Availability Factor	0.0	0.0	65.9
22. Unit Capacity Factor (Using MDC Net)	0.0	-0.3	61.2
23. Unit Capacity Factor (Using DER Net)	0.0	-0.3	60.5
24. Unit Forced Outage Rate	100.0	100.0	25.4
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:			Unit has permanently ceased operations
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
 COMPLETED BY: G. Newburgh
 TELEPHONE: (860)-444-5730

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
95-10 TT	951213	S	745	F	4	N/A	N/A	N/A	10CFR50.82(a)(1)(i) 10CFR50.82(a)(1)(ii)

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"