Northeast
Nuclear Energy

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Millstone Nuclear Power Station
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The Northeast Utilities System

SEP 12 1997

Docket No. 50-245
B16747

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 report requirements of Technical Specification Section 6.9.1.6 for Millstone Unit No. 1, enclosed is the monthly operating report for the month of August 1997.

Should you have any questions regarding this submittal, please contact Mr. P. J. Miner at (860) 440-2085.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

P. D. Hinnenkamp
Director - Unit Operations
Millstone Unit No. 1

Attachments (1)

cc: H. J. Miller, Region I Administrator
W. D. Travers, PhD., Director, Special Projects Office
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 - August

September 1997

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-245
UNIT: Millstone Unit 1
DATE: 9/5/97
COMPLETED BY: G. Newburgh
TELEPHONE: (860) 444-5730

MONTH: August, 1997

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

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.

UNIT NAME: Millstone Unit 1
DATE: 9/5/97
COMPLETED BY: G. Newburgh
TELEPHONE: (860)444-5730

OPERATING STATUS

1. Docket Number	50-245	
2. Reporting Period	August 1997	Notes:
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: Regulatory Restriction (10CFR50.54f)

	This Month	Yr.-To-Date	Cumulative
12. Hours In Reporting Period	744.0	5831.0	233831.0
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)	-2335.0	-17367.0	101026182.0
20. Unit Service Factor	0.0	0.0	71.2
21. Unit Availability Factor	0.0	0.0	71.3
22. Unit Capacity Factor (Using MDC Net)	-0.5	-0.5	66.1
23. Unit Capacity Factor (Using DER Net)	-0.5	-0.5	65.5
24. Unit Forced Outage Rate	100.0	100.0	18.2

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
COMPLETED BY: G. Newburgh
TELEPHONE : (860)-444-5730

REPORT MONTH: August, 1997

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
95-10T	951213	F	744	D	4		N/A		10CFR50.54f

[1] F: Forced
S: Scheduled

[2] Reason
A - Equipment Failure (Explain)
B - Mainteneance 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"