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

JAN 15 1999

Docket No. 50-423
B17461

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 December 1998

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 December 1998.

There are no regulatory commitments contained within this letter.

Should you have any questions regarding this submittal, please contact Mr. David Smith at (860) 437-5840.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

M. H. Brothers
Vice President - Operations

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

270113

Docket No. 50-423
B17461

Attachment 1

Millstone Nuclear Power Station, Unit No. 3

Facility Operating License No. NPF-49

December 1998 Monthly Operating Report

January 1999

REFUELING INFORMATION REQUEST
December 1998

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 15, 1999

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
   Yes - Full Core Offload, Cycle 7 Reload.

5. Scheduled date(s) for submitting licensing action and supporting information:
   Full Core Offload - 01/99, Cycle 7 Reload - 3/99.

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: 1/1/99
COMPLETED BY: K.W. Emmons
TELEPHONE: (860) 447-1791
Ext. 6572

MONTH: Dec-98

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1156	17	0
2	1151	18	0
3	1155	19	0
4	1154	20	0
5	1153	21	0
6	1154	22	0
7	1153	23	0
8	1154	24	0
9	1157	25	0
10	1152	26	0
11	386	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.

OPERATING DATA REPORT

UNIT NAME: Millstone Unit 3
DATE: 1/01/99
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791
Ext 6572

OPERATING STATUS

1. Docket Number: 50-423
2. Reporting Period: Dec-98
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): 1137.0
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	744.0	8760.0	111264.0
13 Number Of Hours Reactor Was Critical	283.3	3665.2	70745.3
14. Reactor Reserve Shutdown Hours	.0	39.2	6565.0
15. Hours Generator On-Line	253.6	3403.7	69316.1
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	857010.0	10475068.0	227412796.1
18. Gross Electrical Energy Generated (MWH)	299535.0	3586671.0	78491774.1
19. Net Electrical Energy Generated (MWH)	273154.1	3305900.8	74544210.1
20. Unit Service Factor	34.1	38.9	62.3
21. Unit Availability Factor	34.1	38.9	62.3
22. Unit Capacity Factor (Using MDC Net)	32.3	33.2	58.9
23. Unit Capacity Factor (Using DER Net)	31.8	32.7	58.1
24. Unit Forced Outage Rate	65.9	61.0	30.9
25. Unit Forced Outage Hours	490.4	5329.6	31055.7

Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling RFO 6 5/01/99 45 days

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

REPORT MONTH: December 1998

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
98-10	12-11-98	F	490.4	A	3	98-45	SB	SV/PSV	Automatic reactor trip due to "A" MSIV closing during routine performance of part stroke testing. Valve closed due to a crack in the solenoid valve disc. Replaced solenoid.

[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"