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
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The Northeast Utilities System

OCT 14 1998
Docket No. 50-423
B17458

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 September 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 September 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

FOR: M. H. Brothers
Vice President - Operations

BY: _____
Douglas S. McCracken
Assistant Unit Director - Millstone Unit No. 3

Attachments (2)

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

Docket No. 50-423
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Attachment 1

Millstone Nuclear Power Station, Unit No. 3

Facility Operating License No. NPF-49

September 1998 Monthly Operating Report

October 1998

REFUELING INFORMATION REQUEST
September 1998

1. Name of the facility: Millstone Unit 3

2. Scheduled date for next refueling outage: May 15, 1999

3. Scheduled date for restart following refueling: July 5, 1999

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.

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.
   No increase requested.

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: 10/02/98
COMPLETED BY: K.W. Emmons
TELEPHONE: (860) 447-1791
Ext. 6572

MONTH: Sep-98

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	1136	17	0
2	1135	18	227
3	1135	19	573
4	1133	20	1047
5	1134	21	1141
6	1141	22	947
7	1117	23	993
8	1136	24	1141
9	1139	25	1146
10	1174	26	1146
11	1139	27	1140
12	1138	28	1143
13	1108	29	1145
14	1129	30	1141
15	825	31	
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:	10/05/98
COMPLETED BY:	K. W. Emmons
TELEPHONE:	(860) 447-1791 Ext 6572

OPERATING STATUS

1. Docket Number	50-423	
2. Reporting Period	Sep-98	Notes:
3. Utility Contact	K. W. Emmons	
4. Licensed Thermal Power (MWt):	3411	
5. Nameplate Rating (Gross MWe):	1253	
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

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	720.0	6551.0	109055.0
13 Number Of Hours Reactor Was Critical	690.9	2009.1	69089.2
14. Reactor Reserve Shutdown Hours	0.0	0.0	6525.8
15. Hours Generator On-Line	669.5	1843.8	67756.2
16. Unit Reserve Shutdown Hours	0.0	0.0	0.0
17. Gross Thermal Energy Generated (MWH)	2150126.0	5653530.0	222591258.1
18. Gross Electrical Energy Generated (MWH)	741520.5	1921087.5	76826190.6
19. Net Electrical Energy Generated (MWH)	707732.1	1734939.0	72973248.3
20. Unit Service Factor	93.0	28.1	62.1
21. Unit Availability Factor	93.0	28.1	62.1
22. Unit Capacity Factor (Using MDC Net)	86.5	23.3	58.8
23. Unit Capacity Factor (Using DER Net)	85.2	23.0	58.0
24. Unit Forced Outage Rate	7.0	71.7	31.0
25. Unit Forced Outage Hours	50.5	4680.5	30406.5

Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A

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: 10/05/98
COMPLETED BY: K. W. Emmons
TELEPHONE: (860) 447-1791 X6572

REPORT MONTH: September 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
98-05	09-15-98	F	50.5	F	2	98-038	SH	COND	While isolating steam generator blowdowns, water entered piping system. During reestablishment of blowdowns, water in pipe entered condenser through circ water system causing high condensate conductivity. Procedure changes will be made to prevent recurrence.

[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"