

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
MILLSTONE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

General Offices • Selden Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 665-5000

February 11, 1991
MP-91-120

Re: 10CFR50.71(a)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Reference: Facility Operating License DPR-21
Docket No. 50-245

Dear Sir

In accordance with Millstone Unit 1 Technical Specification 6.9.1.6, the following monthly operating data report for Millstone Unit 1 is enclosed. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

Stephen E. Scace
Stephen E. Scace
Director, Millstone Station

SES/GSN:clc

Enclosures: (4)

cc: T. T. Martin, Regional Administrator Region I
D. H. Jaffe, NRC Project Manager, Millstone Unit No. 1
W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2 & 3

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OPERATING DATA REPORT

DOCKET NO. 50-245
 DATE 910201
 COMPLETED BY G. Newburgh
 TELEPHONE (203) 447-1791
Extension 4400

OPERATING STATUS

1. Unit Name: Millstone 1
2. Reporting Period: January 1991
3. Licensed Thermal Power (Mwt): 2011
4. Nameplate Rating (Gross MWe): 662
5. Design Electrical Rating (Net MWe): 660
6. Maximum Dependable Capacity (Gross MWe): 684
7. Maximum Dependable Capacity (Net MWe): 654
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

Notes:

9. Power Level to Which Restricted, If Any (Net MWe): N/A

10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-To- Date	Cumulative
11. Hours In Reporting Period	744	744	176,856
12. Number Of Hours Reactor Was Critical	744	744	141,129.9
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	744	744	137,725.8
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,476,201	1,476,201	258,471,445
17. Gross Elec. Energy Generated (MWH)	505,500	505,500	87,256,596
18. Net Electrical Energy Generated	482,267	482,267	83,269,476
19. Unit Service Factor	100	100	77.9
20. Unit Availability Factor	100	100	77.9
21. Unit Capacity Factor (Using MDC Net)	99.1	99.1	72.0
22. Unit Capacity Factor (Using DER Net)	98.2	98.2	71.3
23. Unit Forced Outage Rate	0	0	10.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling outage; April 1991; 48 day duration			

25. If Shutdown at End of Report Period, Estimated Date of Startup: N/A
 26. Units in Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|------------|------------|
| INITIAL CRITICALITY | <u>N/A</u> | <u>N/A</u> |
| INITIAL ELECTRICITY | <u>N/A</u> | <u>N/A</u> |
| COMMERCIAL OPERATION | <u>N/A</u> | <u>N/A</u> |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245

UNIT Unit 1

DATE 910201

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791
Extension 4400

MONTH January 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	658
2	658
3	658
4	598
5	635
6	659
7	659
8	659
9	657
10	654
11	659
12	658
13	659
14	551
15	658
16	636

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	659
18	660
19	659
20	660
21	660
22	660
23	660
24	655
25	660
26	645
27	660
28	660
29	660
30	659
31	645

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Computer to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-245

UNIT NAME Unit 1

DATE 910201

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791

Extension 4400

REPORT MONTH January 1991

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
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←————— N/A —————→

¹F: Forced
S: Scheduled

²Reason:
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)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continue⁴ from
previous month
5-Power Reduction
(Duration = 0)
6-Other (Explain)

⁴Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

⁵Exhibit I - Same Source

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 1
2. Scheduled date for next refueling shutdown: April 1991
3. Schedule date for restart following refueling: May 1991
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Yes, Technical Specification Changes Regarding:

- (1) Maximum Average Planar Linear Heat Generating Rate
- (2) Maximum Critical Power Ratio

5. Scheduled date(s) for submitting licensing action and supporting information:

Winter 1990-91

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:

188 GE10 Fuel Assemblies

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: (a) 580 (b) 1928

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, 3229 assemblies

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

1997, Spent Fuel Pool, Full Core Off Load Capability is Reached