

NORTHEAST UTILITIES



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

General Offices • Selden Street, Berlin, Connecticut

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

December 11, 1990
MP-90-1294

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
M. Boyle, 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 901205
 COMPLETED BY G. Newburgh
 TELEPHONE (203) 447-1791
Extension 4400

OPERATING STATUS

1. Unit Name: Millstone 1
2. Reporting Period: November, 1990
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	720	8,016	175,368
12. Number Of Hours Reactor Was Critical	720	7,277	139,641.3
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	720	7,161	136,237.8
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,395,936	14,109,914	255,507,451
17. Gross Elec. Energy Generated (MWH)	476,200	4,820,100	86,242,196
18. Net Electrical Energy Generated (MWH)	455,787	4,607,439	82,299,699
19. Unit Service Factor	100	89.3	77.7
20. Unit Availability Factor	100	89.3	77.7
21. Unit Capacity Factor (Using MDC Net)	96.8	87.9	71.8
22. Unit Capacity Factor (Using DER Net)	95.9	87.1	71.1
23. Unit Forced Outage Rate	0.	6	10.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling outage; April 1991; 40 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 901205

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791
Extension 4400

MONTH November 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>649</u>	17	<u>656</u>
2	<u>654</u>	18	<u>657</u>
3	<u>654</u>	19	<u>658</u>
4	<u>653</u>	20	<u>658</u>
5	<u>652</u>	21	<u>658</u>
6	<u>652</u>	22	<u>654</u>
7	<u>653</u>	23	<u>657</u>
8	<u>649</u>	24	<u>657</u>
9	<u>654</u>	25	<u>657</u>
10	<u>653</u>	26	<u>657</u>
11	<u>653</u>	27	<u>657</u>
12	<u>580</u>	28	<u>657</u>
13	<u>575</u>	29	<u>249</u>
14	<u>565</u>	30	<u>651</u>
15	<u>657</u>	31	<u>N/A</u>
16	<u>657</u>		

*Change to Eastern Standard Time

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

REPORT MONTH November 1990

DOCKET NO. 50-245

UNIT NAME Unit 1

DATE 901205

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791

Extension 4400

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
90-09	901129	S	0	B	5	N/A	N/A	N/A	Power reduction to locate and repair steam leak.

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-Continued 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

OPERATING DATA REPORT

DOCKET NO. 50-245
 DATE 900901
 COMPLETED BY G. Newburgh
 TELEPHONE (203) 447-1791
 Extension 4400

OPERATING STATUS

Notes: * Revision to August 1990 Report

1. Unit Name: Millstone 1
2. Reporting Period: August, 1990
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

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

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

11. Hours In Reporting Period	744	5,831	173,183
12. Number Of Hours Reactor Was Critical	744	5,515.9	137,880.8
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	744	5,438.5	134,515.3
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,487,657	10,757,455	252,154,992
17. Gross Elec. Energy Generated (MWH)	503,200	3,678,900	85,100,996
18. Net Electrical Energy Generated (MWH)	481,404	3,518,918	81,211,178
19. Unit Service Factor	* 100	93.3	77.7
20. Unit Availability Factor	* 100	93.3	77.7
21. Unit Capacity Factor (Using MDC Net)	* 98.9	92.3	71.7
22. Unit Capacity Factor (Using DER Net)	* 98.0	91.4	71.1
23. Unit Forced Outage Rate	* 0	0.2	9.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 Refueling outage: April 1991; 40 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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A