

**NORTHEAST UTILITIES**

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

General Offices • Seiden Street, Berlin, Connecticut

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

December 8, 1989  
MP-13824

Re: 10CFR50.71(a)

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

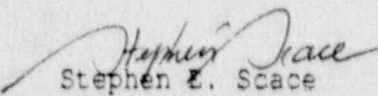
Reference: Facility Operating License DPR-21  
Docket No. 50-245

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  
Station Superintendent  
Millstone Nuclear Power Station

SES/GSN:dlr

Enclosures: (4)

cc: W. T. Russell, 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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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245

UNIT Millstone 1

DATE 891205

COMPLETE BY G. Newburgh

TELEPHONE (203) 447-1791  
Extension 4400

MONTH November, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>659</u>	17	<u>657</u>
2	<u>655</u>	18	<u>660</u>
3	<u>659</u>	19	<u>660</u>
4	<u>659</u>	20	<u>660</u>
5	<u>659</u>	21	<u>659</u>
6	<u>658</u>	22	<u>655</u>
7	<u>659</u>	23	<u>660</u>
8	<u>659</u>	24	<u>661</u>
9	<u>503</u>	25	<u>614</u>
10	<u>659</u>	26	<u>642</u>
11	<u>659</u>	27	<u>660</u>
12	<u>659</u>	28	<u>656</u>
13	<u>660</u>	29	<u>660</u>
14	<u>660</u>	30	<u>660</u>
15	<u>659</u>	31	<u>N/A</u>
16	<u>501</u>		

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.

OPERATING DATA REPORT

DOCKET NO. 50-245  
 DATE 891205  
 COMPLETED BY G. Newburgh  
 TELEPHONE (203) 447-1791  
Extension 4400

OPERATING STATUS

1. Unit Name: Millstone 1
2. Reporting Period: November, 1989
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

11. Hours In Reporting Period	720	8,016	166,608
12. Number Of Hours Reactor Was Critical	720	6,633.3	131,620.9
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	720	6,535.7	128,332.8
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,413,824	12,743,539	239,928,200
17. Gross Elec. Energy Generated (MWH)	486,200	4,352,800	80,916,396
18. Net Electrical Energy Generated (MWH)	464,422	4,157,686	77,208,126
19. Unit Service Factor	100	81.5	77.0
20. Unit Availability Factor	100	81.5	77.1
21. Unit Capacity Factor (Using MDC Net)	98.6	79.3	70.9
22. Unit Capacity Factor (Using DER Net)	97.7	78.6	70.2
23. Unit Forced Outage Rate	0	3.2	10.3

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

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	---	---
INITIAL ELECTRICITY	---	---
COMMERCIAL OPERATION	---	---

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

N/A



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-245  
 UNIT NAME Millstone 1  
 DATE 891205  
 COMPLETED BY G. Newburgh  
 TELEPHONE (203) 447-1791  
 Extension 4400

REPORT MONTH November, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
89-09	891109	F	0	B	5	N/A	N/A	N/A	Power reduction to perform maintenance on Feedwater Regulating Valve.
89-10	891116	F	0	B	5	N/A	N/A	N/A	Power reduction to find and repair condenser tube leaks.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup>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)

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

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

<sup>5</sup>Exhibit 1 - Same Source

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 1
2. Scheduled date for next refueling shutdown: March 1991
3. Schedule date for restart following refueling: April 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:

196 GE8B 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