

**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 • Selden Street, Berlin, Connecticut

P.O. BOX 270  
HARTFORD, CONNECTICUT 06141-0270  
(203) 865-5000

September 10, 1990  
MP-90-988  
Re: 10CFR50.71(a)

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

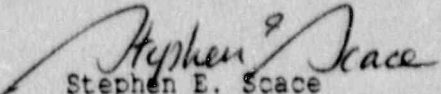
Reference: Facility Operating License DPR-21  
Docket No. 50-245

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  
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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PDR ADOCK 05000245  
R PDC

1524  
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245

UNIT Unit 1

DATE 900905

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791  
Extension 4400

MONTH August 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	653
2	648
3	644
4	651
5	650
6	651
7	651
8	650
9	651
10	642
11	652
12	651
13	650
14	649
15	649
16	645

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	649
18	646
19	632
20	593
21	652
22	652
23	652
24	651
25	650
26	649
27	649
28	649
29	648
30	641
31	649

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 900805  
 COMPLETED BY G. Newburgh  
 TELEPHONE (203) 447-1791  
 Extension 4400

OPERATING STATUS

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

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	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)	1,486,657	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)	486,504	3,524,018	81,216,278
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)	100	92.4	71.7
22. Unit Capacity Factor (Using DER Net)	99.1	91.6	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):	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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

N/A	N/A
N/A	N/A
N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1990

DOCKET NO. 50-245  
 UNIT NAME Unit 1  
 DATE 900905  
 COMPLETED BY G. Newburgh  
 TELEPHONE (203) 447-1791  
Extension 4400

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
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← N/A →

<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: 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