

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
NEW YORK 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

January 11, 1991
MP-91-32

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

SBS/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 910102
 COMPLETED BY G. Newburgh
 TELEPHONE (203) 447-1791
 Extension 4400

OPERATING STATUS

1. Unit Name: Millstone 1
2. Reporting Period: December, 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

Notes:

	This Month	Yr.-To- Date	Cumulative
11. Hours In Reporting Period	744	8,760	176,112
12. Number Of Hours Reactor Was Critical	744	8,021	140,385.9
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	744	7,905	136,981.8
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,487,793	15,597,707	256,995,244
17. Gross Elec. Energy Generated (MWH)	508,900	5,329,000	86,751,096
18. Net Electrical Energy Generated (MWH)	487,510	5,094,949	82,787,209
19. Unit Service Factor	100	90.2	77.8
20. Unit Availability Factor	100	90.2	77.8
21. Unit Capacity Factor (Using MDC Net)	100.2	88.9	71.9
22. Unit Capacity Factor (Using DER Net)	99.3	88.1	71.2
23. Unit Forced Outage Rate	0	5.7	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 | N/A | N/A |
| INITIAL ELECTRICITY | N/A | N/A |
| COMMERCIAL OPERATION | N/A | N/A |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245

UNIT Unit 1

DATE 910102

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791
Extension 4400

MONTH December 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	658	17	658
2	659	18	658
3	658	19	658
4	658	20	654
5	659	21	658
6	653	22	658
7	658	23	649
8	659	24	649
9	658	25	659
10	658	26	659
11	659	27	659
12	659	28	608
13	646	29	659
14	659	30	659
15	659	31	659
16	658		

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.

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 proposed 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