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) 665-5000

June 11, 1990
MP-90-575

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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1/1

OPERATING DATA REPORT

DOCKET NO. 50-245
DATE 900606
COMPLETED BY G. Newburg
TELEPHONE (203) 447-1791
Extension 4400

OPERATING STATUS

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

11. Hours In Reporting Period	744	3,623	170,975
12. Number Of Hours Reactor Was Critical	744	3,520.7	135,885.6
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	744	3,490.7	131,567.5
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,475,593	6,892,173	248,289,710
17. Gross Elec. Energy Generated (MWH)	506,100	2,365,200	83,787,296
18. Net Electrical Energy Generated (MWH)	484,730	2,263,591	79,955,851
19. Unit Service Factor	100	96.3	77.5
20. Unit Availability Factor	100	96.3	77.6
21. Unit Capacity Factor (Using MDC Net)	99.6	95.5	71.5
22. Unit Capacity Factor (Using DER Net)	98.7	94.7	70.9
23. Unit Forced Outage Rate	0	0.3	10.0

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245

UNIT Unit 1

DATE 900606

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791
Extension 4400

MONTH May 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	659	17	660
2	651	18	658
3	662	19	456
4	661	20	648
5	661	21	660
6	662	22	660
7	661	23	660
8	661	24	660
9	660	25	659
10	644	26	660
11	659	27	660
12	640	28	660
13	660	29	660
14	661	30	659
15	661	31	653
16	661		

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.

DOCKET NO. 50-245
UNIT NAME Unit 1
DATE 900606
COMPLETED BY G. Newwburgh
TELEPHONE (203) 447-1791
Extension 4400

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1990

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
90-04	900519	F	0	B	5	90-007	BJ	JX	Plant Design Changes 1-5-90 and 1-6-90 were implemented to prevent recurrence.

[1]F: Forced
S: Scheduled

[2]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)

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

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

[5]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, Technicial 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