**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

October 10 1989
MP-13600

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



IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-245
DATE 891002
COMPLETED BY G. Newburgh
TELEPHONE (203) 447-1791
Extension 4400

OPERATING STATUS

1. Unit Name: Millstone 1
2. Reporting Period: September 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
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 | 720 | 6,551 | 165,143 |
| 12. Number Of Hours Reactor Was Critical | 720 | 5,249.8 | 130,237.4 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 3,283.3 |
| 14. Hours General On-Line | 720 | 5,186.5 | 126,983.6 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 93.7 |
| 16. Gross Thermal Energy Generated (MWH) | 1,409,818 | 10,099,481 | 237,284.142 |
| 17. Gross Elec. Energy Generated (MWH) | 476,600 | 3,446,400 | 80,009,996 |
| 18. Net Electrical Energy Generated (MWH) | 455,983 | 3,291,085 | 76,341,525 |
| 19. Unit Service Factor | 100 | 79.2 | 76.9 |
| 20. Unit Availability Factor | 100 | 79.2 | 76.9 |
| 21. Unit Capacity Factor (Using MDC Net) | 96.8 | 76.8 | 70.7 |
| 22. Unit Capacity Factor (Using DER Net) | 96.0 | 76.1 | 70.0 |
| 23. Unit Forced Outage Rate | 0 | 1.9 | 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):

| | Forcast | 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 Millstone 1

DATE 891002

COMPLETE BY G. Newburgh

TELEPHONE (203) 447-1791
Extension 4400

MONTH September, 1989

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | 652 | 17 | 652 |
| 2 | 652 | 18 | 654 |
| 3 | 652 | 19 | 654 |
| 4 | 653 | 20 | 653 |
| 5 | 654 | 21 | 648 |
| 6 | 652 | 22 | 652 |
| 7 | 652 | 23 | 650 |
| 8 | 641 | 24 | 569 |
| 9 | 652 | 25 | 654 |
| 10 | 649 | 26 | 653 |
| 11 | 586 | 27 | 648 |
| 12 | 538 | 28 | 399 |
| 13 | 651 | 29 | 623 |
| 14 | 651 | 30 | 654 |
| 15 | 652 | 31 | N/A |
| 16 | 653 | | |

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

DOCKET NO. 50-245
UNIT NAME Millstone 1
DATE 891002
COMPLETED BY G. Newburgh
TELEPHONE (203) 447-1791
Extension 4400

REPORT MONTH September, 1989

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 89-07 | 890928 | S | 0 | B | 5 | N/A | N/A | N/A | Power reduction to repack Feedwater Regulating Valve and repair condenser tube leaks. |

[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