

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTH-EAST NUCLEAR ENERGY COMPANY

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November 13, 1989
MP-13718

Re: 10CFR50.71(a)

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

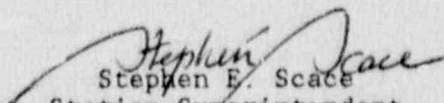
Reference: Facility Operating License No. DPR-65
Docket No. 50-336

Dear Sir:

This letter is forwarded to provide the report of operating and shutdown experience relating to Millstone Unit 2 for the month of October 1989, in accordance with Appendix A Technical Specifications, Section 6.9.1.6. 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/JG

cc: W. T. Russel, Region I Administrator
G. S. Vissing, NRC Project Manager, Millstone Unit No. 2
W. J. Raymond, Senior Resident Inspector, Millstone Unit Nos. 1, 2 & 3

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OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 11/07/89
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
 EXT. 4431

OPERATING STATUS

1. Unit Name: Millstone Unit 2
2. Reporting Period: October 1989
3. Licensed Thermal Power (Mwt): 2700
4. Nameplate Rating (Gross MWe): 909
5. Design Electrical Rating (Net MWe): 870
6. Maximum Dependable Capacity (Gross MWe): 893.88
7. Maximum Dependable Capacity (Net MWe): 862.88
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes: Items 21 and 22 cumulative are weighted averages. Unit operated at 2560 MWT prior to its uprating to the current 2700 MWT power level.

9. Power Level To Which Restricted, If any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-To-Date	Cumulative
11. Hours In Reporting Period	<u>745.0</u>	<u>7296.0</u>	<u>121416.0</u>
12. Number Of Hours Reactor Was Critical	<u>485.3</u>	<u>5079.7</u>	<u>89413.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>2205.5</u>
14. Hours Generator On-Line	<u>482.8</u>	<u>4962.4</u>	<u>85027.8</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>468.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1189086.4</u>	<u>13022162.4</u>	<u>235673442.4</u>
17. Gross Electrical Energy Generated (MWH)	<u>393928.5</u>	<u>4280884.5</u>	<u>71111405.0</u>
18. Net Electrical Energy Generated (MWH)	<u>378049.5</u>	<u>4112065.5</u>	<u>68221212.0</u>
19. Unit Service Factor	<u>64.8</u>	<u>68.0</u>	<u>70.0</u>
20. Unit Availability Factor	<u>64.8</u>	<u>68.0</u>	<u>70.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>58.8</u>	<u>65.3</u>	<u>66.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>58.3</u>	<u>64.8</u>	<u>65.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>14.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Currently shutdown for the Eddy Current examination of Steam Generator tubes.
Approximately 4-5 weeks.

25. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: November 22, 1989
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION	<u>N/A</u>	<u>N/A</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
 UNIT: Millstone Unit 2
 DATE: 11/07/89
 COMPLETED BY: J. Gibson
 TELEPHONE: (203)447-1791
 EXT: 4431

MONTH: OCTOBER 1989

DAY	AVG. DAILY POWER LEVEL (MWe-Net)	DAY	AVG. DAILY POWER LEVEL (MWe-Net)
1	<u>790</u>	17	<u>789</u>
2	<u>791</u>	18	<u>789</u>
3	<u>791</u>	19	<u>788</u>
4	<u>789</u>	20	<u>774</u>
5	<u>790</u>	21	<u>18</u>
6	<u>790</u>	22	<u>0</u>
7	<u>790</u>	23	<u>0</u>
8	<u>790</u>	24	<u>0</u>
9	<u>791</u>	25	<u>0</u>
10	<u>791</u>	26	<u>0</u>
11	<u>790</u>	27	<u>0</u>
12	<u>791</u>	28	<u>0</u>
13	<u>791</u>	29	<u>0</u>
14	<u>790</u>	30	<u>0</u>
15	<u>790</u>	31	<u>0</u>
16	<u>791</u>		

INSTRUCTIONS

On this format list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 11/07/89
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
 EXT. 4431

REPORT MONTH October 1989

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
02	891021	S	262.2	D	1	N/A	N/A	N/A	On October 21, 1989, Unit 2 commenced a controlled shutdown from 92 percent power for the inspection of Steam Generator tubes.

¹F: Forced
S: Scheduled

²Reason:
 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)

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

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

⁵Exhibit 1 -Same Source

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2

2. Scheduled date for next refueling shutdown: October 1990

3. Scheduled date for restart following refueling: N/A

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
Not at this time

5. Scheduled date(s) for submitting licensing action and supporting information:
None

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:
Not at this time

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

In Core: (a) 217 In Spent Fuel Pool: (b) 640

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:
Currently 1277

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:
1994, Spent Fuel Pool Full, core off load capacity is reached (with -out consolidation).
1998, Core Full, Spent Fuel Pool Full
2009, Spent Fuel Pool Full, core off load capacity is reached - contingent upon full scale storage of consolidated fuel in the Spent Fuel Pool.