

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 • Seloen Street, Berlin, Connecticut

P.O. BOX 270
HARTFORD, CONNECTICUT 06141-0270
(203) 665-5000

November 9, 1989

MP-13714

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

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PDR ADOCK 05000245
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/11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245

UNIT Millstone 1

DATE 891101

COMPLETE BY G. Newburgh

TELEPHONE (203) 447-1791
Extension 4400

MONTH October, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>655</u>	17	<u>657</u>
2	<u>662</u>	18	<u>658</u>
3	<u>654</u>	19	<u>277</u>
4	<u>655</u>	20	<u>0</u>
5	<u>657</u>	21	<u>0</u>
6	<u>655</u>	22	<u>0</u>
7	<u>657</u>	23	<u>0</u>
8	<u>657</u>	24	<u>173</u>
9	<u>658</u>	25	<u>598</u>
10	<u>658</u>	26	<u>657</u>
11	<u>657</u>	27	<u>659</u>
12	<u>652</u>	28	<u>659</u>
13	<u>658</u>	29	<u>687</u>
14	<u>657</u>	30	<u>660</u>
15	<u>658</u>	31	<u>659</u>
16	<u>658</u>		

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 891101
 COMPLETED BY G. Newburgh
 TELEPHONE (203) 447-1791
 Extension 4400

OPERATING STATUS

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

Notes: *Change to Eastern Standard Time

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	*745	7296	165,888
12. Number Of Hours Reactor Was Critical	663.5	5913.3	130,900.9
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours Generator On-Line	629.2	5815.7	127,612.8
15. Unit Reserve Shutdown Hours	0	0	93.7
16. Gross Thermal Energy Generated (MWH)	1,230,234	11,329,715	238,514,376
17. Gross Elec. Energy Generated (MWH)	420,200	3,866,600	80,430,196
18. Net Electrical Energy Generated (MWH)	402,179	3,693,264	76,743,704
19. Unit Service Factor	84.5	79.7	76.9
20. Unit Availability Factor	84.5	79.7	77.0
21. Unit Capacity Factor (Using MDC Net)	82.5	77.4	70.7
22. Unit Capacity Factor (Using DER Net)	81.8	76.7	70.1
23. Unit Forced Outage Rate	15.5	3.6	10.4

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 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-245

UNIT NAME Millstone 1

DATE 891101

COMPLETED BY G. Newburgh

TELEPHONE (203) 447-1791

Extension 4400

REPORT MONTH October, 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
89-08	891019	F	115.8	A/H	3	89-021	SJ	FCV	A bolt from the feedwater pump discharge check valve had become lodged in the "A" Feedwater Regulating Valve, causing it to remain in the full open position while returning the "B" Feedwater Regulating Valve to service. This condition caused a high reactor water level turbine trip signal and subsequent reactor scram. A design change to improve the lock bolt anti-rotation assembly for the seat ring on the check valves, was implemented to prevent recurrence.

¹F: Forced
S: Scheduled

²Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restr. Action
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 Licensee Event Report (LER) File (NUREG-0161)

⁵Exhibit I - 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, 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:

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:

1987, Spent Fuel Pool, Full Core Off Load Capability is Reached