

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245  
UNIT Millstone 1  
DATE 890302  
COMPLETE BY G. Newburgh  
TELEPHONE (203) 447-1791  
Extension 4400

MONTH February, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>657</u>
2	<u>659</u>
3	<u>659</u>
4	<u>659</u>
5	<u>659</u>
6	<u>660</u>
7	<u>660</u>
8	<u>659</u>
9	<u>653</u>
10	<u>660</u>
11	<u>660</u>
12	<u>660</u>
13	<u>660</u>
14	<u>660</u>
15	<u>659</u>
16	<u>660</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>659</u>
18	<u>659</u>
19	<u>630</u>
20	<u>660</u>
21	<u>659</u>
22	<u>658</u>
23	<u>659</u>
24	<u>660</u>
25	<u>660</u>
26	<u>659</u>
27	<u>660</u>
28	<u>660</u>
29	<u>N/A</u>
30	<u>N/A</u>
31	<u>N/A</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.

8903200224 890228  
PDR ADOCK 05000245  
R PNU

IE24

# OPERATING DATA REPORT

DOCKET NO. 50-215  
DATE 890302  
COMPLETED BY G. Newburgh  
TELEPHONE (203) 447-1791  
Extension 4400

## OPERATING STATUS

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

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	672	1,416	160,008
12. Number Of Hours Reactor Was Critical	672	1,416	126,403.6
13. Reactor Reserve Shutdown Hours	0	0	3,283.3
14. Hours General On-Line	672	1,416	123,213.1
15. Unit Reserve Shutdown Hours	0	0	93.1
16. Gross Thermal Energy Generated (MWH)	1,346,745	2,830,484	230,015,145
17. Gross Elec. Energy Generated (MWH)	462,100	971,000	77,534,596
18. Net Electrical Energy Generated (MWH)	442,265	929,403	73,979,843
19. Unit Service Factor	100	100	77.0
20. Unit Availability Factor	100	100	77.1
21. Unit Capacity Factor (Using MDC Net)	100.6	100.4	70.7
22. Unit Capacity Factor (Using DER Net)	99.7	99.4	70.1
23. Unit Forced Outage Rate	0	0	10.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Refueling Outage, April 1, 1989, 35 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  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

N/A

N/A

N/A

N/A

N/A

N/A

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1989

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>1</sup> F: Forced <sup>S</sup> : Scheduled	<sup>2</sup> Reason:		<sup>3</sup> Method:		<sup>4</sup> Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)		<sup>5</sup> Exhibit 1 - Same Source	
	A-Equipment Failure (Explain)		1-Manual					
	B-Maintenance or Test		2-Manual Scram					
	C-Refueling		3-Automatic Scram					
	D-Regulatory Restriction		4-Continued from previous month					
	E-Operator Training & License Examination		5-Power Reduction (Duration = 0)					
	F-Administrative		6-Other (Explain)					
	G-Operational Error (Explain)							
	H-Other (Explain)							



REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 1
2. Scheduled date for next refueling shutdown: APRIL 1989
3. Schedule date for restart following refueling: MAY 1989
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 1988-89
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) 1732
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, 2184 assemblies  
Requested increase, 1045 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  
  
Temporary rack approved for installation if required; plans for additional capacity in progress.

# 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

March 10, 1989  
MP-12862

Re: 10CFR50.71 (a)

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

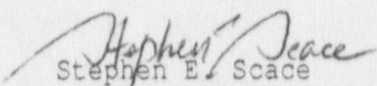
Reference: Facility Operating License DPR-21  
Docket No. 50-245

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:lfg

Enclosures: (4)

cc: Regional Administrator, Office of Inspection and Enforcement, Region I  
Director, Office of Inspection and Enforcement, Washington, D.C. (10)  
Director, Office of Resource Management  
William Raymond, Senior Resident Inspector

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