

OPERATING DATA REPORT

DOCKET NO. 50-336  
 DATE 1/14/85  
 COMPLETED BY Gary Neron  
 TELEPHONE (203) 447-1791  
 Ext. 4417

OPERATING STATUS

1. Unit Name: Millstone Unit 2 Notes Items 21 and 22 cumulative  
 2. Reporting Period: December 1984 are Weighted Ave. Unit  
 3. Licensed Thermal Power (Mwt): 2700 operated at 2560 MW Thermal  
 4. Nameplate Rating (Gross MWe): 909 prior to its uprating to  
 5. Design Electrical Rating (Net MWe): 870 the current 2700 MW  
 6. Maximum Dependable Capacity (Gross MWe): 866.25 Thermal Power Level. \*  
 7. Maximum Dependable Capacity (Net MWe): 833.25  
 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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8784	79056
12. Number Of Hours Reactor Was Critical	744	8596.8	56962.1
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	733.4	8210.8	54393.0
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1935523	21372788	137684457
17. Gross Elec. Energy Generated (MWH)	634200	6875301	44681679
18. Net Electrical Energy Generated (MWH)	611426	6607822	42823523
19. Unit Service Factor	98.6	93.5	68.8
20. Unit Availability Factor	98.6	93.5	69.4
21. Unit Capacity Factor (Using MDC Net)	98.6	87.6	64.6
22. Unit Capacity Factor (Using DER Net)	94.5	86.5	63.6
23. Unit Forced Outage Rate	1.4	3.8	17.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Millstone Unit 2 is scheduled to shutdown in February 1985 for a 16 week  
 Refueling and Maintenance Outage.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A  
 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> |

\*Item 21 Yr-To-Date is Weighted Ave. due to a change in MDC effective  
 November 1, 1984.

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 1/14/85

COMPLETED BY Gary Neron

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Ext. 4417

MONTH December 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>105</u>	17	<u>855</u>
2	<u>560</u>	18	<u>855</u>
3	<u>851</u>	19	<u>856</u>
4	<u>855</u>	20	<u>856</u>
5	<u>856</u>	21	<u>856</u>
6	<u>856</u>	22	<u>855</u>
7	<u>857</u>	23	<u>855</u>
8	<u>857</u>	24	<u>855</u>
9	<u>857</u>	25	<u>855</u>
10	<u>856</u>	26	<u>856</u>
11	<u>855</u>	27	<u>856</u>
12	<u>855</u>	28	<u>856</u>
13	<u>856</u>	29	<u>855</u>
14	<u>856</u>	30	<u>856</u>
15	<u>857</u>	31	<u>855</u>
16	<u>856</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 1/14/85  
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REPORT MONTH December 1984

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
13	841128	F	10.6	A	2	84-12	CH	HTEXCH	Extension of Shutdown for Repair of 5A Feedwater Heater Tube Leakage.

- 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 5  
 (Duration = 0)  
 9-Other (Explain)
- 4  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File  
 (NUREG-0161)  
 Exhibit 1 - Same Source

Docket No. 50-336  
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH December 1984

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
12/10/84	Gaseous Radwaste	"A" Waste Gas Compressor Assembly	Replaced Fitting and new Gauge Lines
12/7/84	Reactor Protection System	RPS-D Bistable Trip Unit Channel D	Replaced Power Supply for TU-4. Retested and Adjusted TU-4
12/13/84	Reactor Coolant and Vessel	Reactor Coolant Loop 2 Hot Leg Temperature Indicator	Replaced Meter and Verified Calibration

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: Next refueling is scheduled to begin on February 16, 1985.
3. Schedule date for restart following refueling: June 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

The discharge of failed fuel may require additional technical specification changes and a new reload safety evaluation for the revised core loading pattern.

5. Scheduled date(s) for submitting licensing action and supporting information:
  - a) A technical specification change request has been submitted for the Outage Equipment Hatch.
  - b) A technical specification change request for the total planar peaking factor will be submitted in February 1985.
  - c) A proposed license amendment for reracking the spent fuel pool will be submitted in March 1985.
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:

The discharge of failed fuel may require additional technical specification changes and will impact the reload safety evaluation.

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

(a) In Core: 217 (b) 376

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 667  
Plans are being formulated to rerack the spent fuel pool beginning in July 1985, to increase the storage capacity to 1106 fuel assemblies.

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

1985, Spent Fuel Pool, Full core off load capacity is reached.  
1987, Core Full, Spent Fuel Pool contains 648 bundles.

**NORTHEAST UTILITIES**



THE CONNECTICUT LIGHT AND POWER COMPANY  
WESTERN MASSACHUSETTS ELECTRIC COMPANY  
HOLYOKE WATER POWER COMPANY  
NORTHEAST UTILITIES SERVICE COMPANY  
NORTHEAST NUCLEAR ENERGY COMPANY

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January 14, 1985  
MP-6570

Director Office of Management Information and Program Control  
U. S. Nuclear Regulatory Commission  
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 Monthly Operating Report 84-12 in accordance with Appendix A Technical Specifications, Section 6.9.1.3. One additional copy of the report is enclosed.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

E. J. Mroczka  
Station Superintendent  
Millstone Nuclear Power Station

EJM/RB:ejz

cc: Director, Office of Inspection and Enforcement, Region I

Director, Office of Inspection and Enforcement, Washington, D. C. (10)  
U. S. Nuclear Regulatory Commission, c/o Document Management Branch,  
Washington, D.C. 20555

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