

# OPERATING DATA REPORT

DOCKET NO. 50-336  
DATE 2/11/83  
COMPLETED BY J. Gibson  
TELEPHONE (203) 447-1791  
Ext. 4431

## OPERATING STATUS

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Unit Name: <u>Millstone 2</u></li> <li>2. Reporting Period: <u>January 1983</u></li> <li>3. Licensed Thermal Power (Mwt): <u>2700</u></li> <li>4. Nameplate Rating (Gross MWe): <u>909</u></li> <li>5. Design Electrical Rating (Net MWe): <u>870</u></li> <li>6. Maximum Dependable Capacity (Gross MWe): <u>895</u></li> <li>7. Maximum Dependable Capacity (Net MWe): <u>864</u></li> <li>8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7)<br/> Since Last Report, Give Reasons:<br/> <u>N/A</u></li> </ol> | <p>Notes Items 21 and 22<br/> cumulative are weighted<br/> ave. unit operated at<br/> 2560 MW thermal prior to<br/> its uprating to its<br/> current 2700 MW thermal<br/> power level.</p> |
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|---|------------|
| 9. Power Level To Which Restricted, If Any (Net MWe): | <u>N/A</u> |
| 10. Reasons For Restrictions, If Any:                 | <u>N/A</u> |

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	62256
12. Number Of Hours Reactor Was Critical	744	744	45978.8
13. Reactor Reserve Shutdown Hours	0	0	2205.5
14. Hours Generator On-Line	683.9	683.9	43871.2
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1801321	1801321	110235526
17. Gross Elec. Energy Generated (MWH)	585680	585680	35816528
18. Net Electrical Energy Generated (MWH)	562751	562751	34324564
19. Unit Service Factor	91.9	91.9	70.5
20. Unit Availability Factor	91.9	91.9	71.2
21. Unit Capacity Factor (Using MDC Net)	87.5	87.5	66.2
22. Unit Capacity Factor (Using DER Net)	86.9	86.9	65.3
23. Unit Forced Outage Rate	8.1	8.1	19.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage, MAY 28, 1983, 16 weeks.			

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|--|------------------------|
| 25. If Shut Down At End Of Report Period, Estimated Date of Startup: | <u>N/A</u>             |
| 26. Units In Test Status (Prior to Commercial Operation):            | Forecast      Achieved |

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>
<u>N/A</u>	<u>N/A</u>

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 2/11/83

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MONTH JANUARY 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0 (-27)</u>
2	<u>0 (-29)</u>
3	<u>97</u>
4	<u>595</u>
5	<u>820</u>
6	<u>846</u>
7	<u>848</u>
8	<u>849</u>
9	<u>848</u>
10	<u>848</u>
11	<u>847</u>
12	<u>848</u>
13	<u>849</u>
14	<u>849</u>
15	<u>848</u>
16	<u>848</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>846</u>
18	<u>837</u>
19	<u>849</u>
20	<u>850</u>
21	<u>832</u>
22	<u>811</u>
23	<u>846</u>
24	<u>850</u>
25	<u>850</u>
26	<u>850</u>
27	<u>850</u>
28	<u>849</u>
29	<u>849</u>
30	<u>849</u>
31	<u>848</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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January

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	Component Code	Cause & Corrective Action to Prevent Recurrence
28A	821231	S	60.1	B	N/A	N/A	HJ	PIPE XX	Continuation of December 1982 outage to repair secondary side steam leaks. Leaks repaired, and unit brought to 100% power on January 5, 1983.

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH January 83'

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
1/24/83	CVCS	2-CH-512	Replace defective contact block on control switch HS-2512 in control circuit of 2-CH-512.
1/24/83	CVCS	'A' Charging Pump	Remove pump relief valve and tighten valve body - reinstall
1/28/83	CVCS	'C' Charging Pump	Uncouple pump from gear box. And replace bad bearing.
1/31/83	CVCS	'A' Charging Pump	Repack crankcase plunger.
1/24/83	Safety Injection	Safety Injection Piping	Remove snubber and replace with new snubber.
1/24/83	Main Steam	S/G Blowdown Quench Tk	Weld repair 2-MS-148 & 2-MS-219 pipe
1/26/83	Reactor Protection System	RPS Channel 'C'	Replace Hi power Bi-stable and re-calibrate.

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: May 28, 1983
3. Schedule date for restart following refueling: September 17, 1983 (16 wks outage)
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

It is anticipated that Cycle 6 operations will require Technical Specification changes or other License amendments.

5. Scheduled date(s) for submitting licensing action and supporting information:

Safety Analyses: February 15, 1983

Steam Generator Licensing Action: April 15, 1983

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: Additional plugged steam generator tubes will result in potential reactor coolant flow reduction. Currently planning to install sleeves in steam generator tubes.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 217 (b) 288

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:

667

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 capability is reached.  
1987, Core Full, Spent Fuel Pool contains 648 bundles.