

# OPERATING DATA REPORT

DOCKET NO. 50-336  
DATE 1-5-82  
COMPLETED BY G. Howlett  
TELEPHONE (203) 447-1791  
Ext. 4431

## OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: December 1981
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): 895
7. Maximum Dependable Capacity (Net MWe): 864
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

Notes \* Items 21 & 22  
Cumulative, are computed  
using a weighted average.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8,760	52,752
12. Number Of Hours Reactor Was Critical	103	7,338	38,587.3
13. Reactor Reserve Shutdown Hours	0	0	2,076.9
14. Hours Generator On-Line	101.5	7,232.5	37,001.5
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	267,821	19,180,626	92,415,947
17. Gross Electrical Energy Generated (MWH)	86,970	6,328,580	30,001,497
18. Net Electrical Energy Generated (MWH)	80,500	6,091,721	28,753,767
19. Unit Service Factor	13.6	82.6	70.1
20. Unit Availability Factor	13.6	82.6	71.0
21. Unit Capacity Factor (Using MDC Net)	12.5	80.5	65.5
22. Unit Capacity Factor (Using DER Net)	12.4	79.9	64.4
23. Unit Forced Outage Rate	0	10.1	20.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Currently refueling.</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: February 28, 1982

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

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336  
 UNIT Millstone 2  
 DATE 1-5-82  
 COMPLETED BY G. Howlett  
 TELEPHONE (203) 447-1791  
X4431

MONTH December 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	845
2	846
3	844
4	847
5	99
6	0 (-8)
7	0 (-6)
8	0 (-6)
9	0 (-6)
10	0 (-6)
11	0 (-6)
12	0 (-6)
13	0 (-5)
14	0 (-5)
15	0 (-4)
16	0 (-4)

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0 (-4)
18	0 (-4)
19	0 (-4)
20	0 (-4)
21	0 (-4)
22	0 (-4)
23	0 (-3)
24	0 (-2)
25	0 (-5)
26	0 (-2)
27	0 (-2)
28	0 (-4)
29	0 (-4)
30	0 (-4)
31	0 (-4)

## 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.

Docket No.	50-336
Date	1/7/82
Unit Name	Millstone 2
Completed By	G. H. Howlett
Telephone	(203) 447-1791
	X4431

# CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month DECEMBER 1981

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
11/81			No major corrective maintenance was required during this time period.

Docket No. 50-336  
Date: 1/7/82  
Completed By: G.H. Howlett III  
Telephone: 203/447-1971 X4417

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown:  
Commenced refuel outage March 26, 1983.
3. Schedule date for restart following refueling: May 14, 1983
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
It is not 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:  
N/A
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:  
N/A
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
(a) In Core: 217 (b) 216
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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1981

DOCKET NO. 50-336  
UNIT NAME Millstone 2  
DATE 1-7-82  
COMPLETED BY G. H. Howlett  
TELEPHONE (203) 447-1791  
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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
11	811205	S	642.5	C	1	N/A	N/A	N/A	Shutdown for refueling and maintenance.

SUMMARY: The unit operated at or near 100% of rated thermal power through the 4th with the commencement of refueling outage on the 5th.