

# OPERATING DATA REPORT

DOCKET NO. 50-336  
 DATE 5/2/79  
 COMPLETED BY G.H. Howlett III  
 TELEPHONE 203/447-1791 X364

## OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: April 1979
3. Licensed Thermal Power (MWt): 2560
4. Nameplate Rating (Gross MWe): 909
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 842
7. Maximum Dependable Capacity (Net MWe): 810
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

Notes

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	719	2,879	29,327
12. Number Of Hours Reactor Was Critical	0	1,571.7	21,099.4
13. Reactor Reserve Shutdown Hours	0	64.9	2,065.6
14. Hours Generator On-Line	0	1,556	19,987.7
15. Unit Reserve Shutdown Hours	0	0	226
16. Gross Thermal Energy Generated (MWH)	0	3,894,782	47,777,015
17. Gross Electrical Energy Generated (MWH)	0	1,281,250	15,310,051
18. Net Electrical Energy Generated (MWH)	0 (-3073)	1,225,675	14,642,366
19. Unit Service Factor	0	54.0	68.1
20. Unit Availability Factor	0	54.0	68.9
21. Unit Capacity Factor (Using MDC Net)	0	52.5	61.6
22. Unit Capacity Factor (Using DER Net)	0	51.3	60.2
23. Unit Forced Outage Rate	0	0	22.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 15, 1979
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
N/A	N/A
N/A	N/A
N/A	N/A

7905150505 (9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336  
 UNIT Millstone 2  
 DATE 5/2/79  
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MONTH April 1979

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

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

## 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

REPORT MONTH April 1979

DOCKET NO. 50-336  
UNIT NAME Millstone 2  
DATE 5/2/79  
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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
3	790310	S	719.0	C	1/2	N/A	N/A	N/A	Refueling outage continuing

\*Summary: The unit was shut down throughout the reporting period for scheduled Cycle 3 refueling.

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown:  
The unit shutdown for cycle 3 refueling on March 10, 1979.
3. Schedule date for restart following refueling: May 15, 1979
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Proposed technical specification changes are docketed in the February 12, 1979 letter from W.G. Council to R. Reid.
5. Scheduled date(s) for submitting proposed licensing action and supporting information:  
Proposed licensing action and supporting information has been submitted.
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:  
It is anticipated that the maximum licensed thermal output will be increased from 2560 MWt to 2700 MWt.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
(a) In Core: 217 (b) 144
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:  
1983, Spent Fuel Pool, full core off load capability is reached.  
1986, Core Full, Spent Fuel Pool contains 648 bundles.

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

Report Month March 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
2/10/79	Chemical & Volume Control	P-18A, Charging pump.	Repacked pump.
3/3/79	Nuclear Instrumentation	Channels A,B,C & D, Wide Range BIO Detectors	Replaced detectors.
3/5/79	Reactor Protection	Channel 'A' low flow, PDY-121A	Replaced C1 (capacitor) and 25 Volt power supply filter capacitor.
3/15/79	Diesel Generator	2-DG-31A, D/G starting air flask 'A' Iso Valve.	Rebuilt valve.
3/19/79	Reactor Protection	Channel 'D' Wide Range Pre-Amp PA-6A	Replaced pre-amp.
3/20/79	Main Steam	2-MS-201, Steam supply Iso Valve to Stm. driven Aux. feed pump.	Replaced seal ring.
3/23/79	Service Water	P-5A, Service Water Pump	Weld repair on suction bowl.
3/28/79	Chemical & Volume Control	P-18C, Charging pump	Repacked pump.
3/29/79	Safety Injection	2-SI-648, SIS Header 2B Check Valve Leak Drain stop.	Rebuilt valve