

**OPERATING DATA REPORT**

DOCKET NO. 50-336  
 DATE October 15, 1982  
 COMPLETED BY J. Gibson  
 TELEPHONE (203) 447-1791  
 X 4431

**OPERATING STATUS**

1. Unit Name: Millstone 2
2. Reporting Period: September 1982
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: NA

Notes Items 22 and 21 cumulative are weighted ave. unit operated at 2560 MWT prior to upgrading to its current 2700 MW Thermal Power level.

9. Power Level To Which Restricted, If Any (Net MWe): NA
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6551	59303
12. Number Of Hours Reactor Was Critical	713.6	4465	43052.3
13. Reactor Reserve Shutdown Hours	0	128.6	2205.5
14. Hours Generator On-Line	658.7	4168.4*	41169.9*
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1703478	10746238	103157478
17. Gross Electrical Energy Generated (MWH)	551130	3513080	33514578
18. Net Electrical Energy Generated (MWH)	529040	3359642.3	32113402.6*
19. Unit Service Factor	91.5	63.6	69.4
20. Unit Availability Factor	91.5	63.6	70.2
21. Unit Capacity Factor (Using MDC Net)	85.0	59.4	65.0
22. Unit Capacity Factor (Using DER Net)	84.5	58.9	64.7
23. Unit Forced Outage Rate	8.5	13.0*	20.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): NA

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>NA</u>	<u>NA</u>
INITIAL ELECTRICITY	<u>NA</u>	<u>NA</u>
COMMERCIAL OPERATION	<u>NA</u>	<u>NA</u>

\* Corrects minor math error in August 1982 report.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

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MONTH September 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe Net)
1	848	17	800
2	847	18	0 (-28)
3	841	19	0 (-28)
4	489	20	74
5	703	21	616
6	846	22	842
7	846	23	843
8	846	24	843
9	846	25	843
10	846	26	843
11	846	27	842
12	845	28	843
13	844	29	842
14	844	30	842
15	844	31	-
16	845		

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

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REPORT MONTH September 1982

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
18	820903	S	0	B	NA	NA	CH	Pump B	Power reduction to 60% to facilitate the repair of 'A' steam generator feed pump oil leak. Ramp Back to to 100% power in 48 hours.
19	820917	F	61.3	A	3	NA	HA	Instru.	Reactor trip from 100% due to high reactor coolant system pressure induced by turbine control valve closure due to failure in the turbine throttle pressure detector.

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month September 1982

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
820916	Chemical Volume & Control System	'B' Charging Pump	Repack Pump
820923	Reactor Protection System	Channel 'B' RPS Pressure Block Bistable	Replacement
820923	Reactor Protection System	Trip Unit Power Supply Channel 'B'	Replacement

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: April 16, 1983
3. Schedule date for restart following refueling: July 22, 1983 (14 wk 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: January 1, 1983  
Steam Generator Licensing Action: February 1, 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.