

OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 1/13/83
COMPLETED BY J. Gibson
TELEPHONE (203) 447-1791
Ext. 4431

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: December 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:
N/A

Notes Items 21 and 22
cumulative are weighted
ave. unit operated at
2560 MW thermal prior to
its uprating to its
current 2700 MW thermal
power level.

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	8760	61512
12. Number Of Hours Reactor Was Critical	744	6647.5	45234.8
13. Reactor Reserve Shutdown Hours	0	128.6	2205.5
14. Hours Generator On-Line	725.2	6185.8	43187.3
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1938553	16022965	108434205
17. Gross Elec. Energy Generated (MWH)	630510	5229350	35230848
18. Net Electrical Energy Generated (MWH)	607552	5008052	33761813
19. Unit Service Factor	97.5	70.6	70.2
20. Unit Availability Factor	97.5	70.6	71.0
21. Unit Capacity Factor (Using MDC Net)	94.5	66.2	65.0
22. Unit Capacity Factor (Using DER Net)	93.9	65.7	64.2
23. Unit Forced Outage Rate	0	11.3	19.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage, April 16 1983, 14 weeks.			

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
INITIAL ELECTRICITY
COMMERCIAL OPERATION

N/A	N/A
N/A	N/A
N/A	N/A

AVERAGE DAILY UNIT POWER LEVEL

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UNIT Millstone 2

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MONTH December 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>847</u>	17	<u>847</u>
2	<u>847</u>	18	<u>764</u>
3	<u>848</u>	19	<u>837</u>
4	<u>849</u>	20	<u>846</u>
5	<u>848</u>	21	<u>847</u>
6	<u>847</u>	22	<u>847</u>
7	<u>844</u>	23	<u>830</u>
8	<u>844</u>	24	<u>845</u>
9	<u>848</u>	25	<u>845</u>
10	<u>849</u>	26	<u>844</u>
11	<u>849</u>	27	<u>819</u>
12	<u>848</u>	28	<u>843</u>
13	<u>848</u>	29	<u>843</u>
14	<u>847</u>	30	<u>840</u>
15	<u>846</u>	31	<u>63</u>
16	<u>846</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

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UNIT NAME Millstone 2DATE 1/13/83COMPLETED BY J. GibsonTELEPHONE (203) 447-1791Ext. 4431REPORT MONTH December

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
26	821218	S	0	B	N/A	N/A	HF	HTEXCH	Power reduction to 90% to clean condensor water boxes.
27	821223	F	0	A	N/A	N/A	XX	INSTRU	Power reduction to 86% due to process computer failure. A failed circuit card was replaced and full power resumed.
28	821231	S	18.8	B	N/A	N/A	HJ	PIPE XX	Went to hot shutdown, mode 2, condition to repair secondary side steam leaks.

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH December

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
821230	CVCS	'A' Charging Pump	Repack pump, remove and re-install outboard discharge valve.

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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.