

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 1/3/79
 COMPLETED BY G. H. Howlett
 TELEPHONE 203/447-1791
 Ext. 364

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: December 1978
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	744	8760	26448
12. Number Of Hours Reactor Was Critical	744	6065.5	19527.7
13. Reactor Reserve Shutdown Hours	0	120.0	2000.7
14. Hours Generator On-Line	744	5757.6	18431.7
15. Unit Reserve Shutdown Hours	0	133.5	226
16. Gross Thermal Energy Generated (MWH)	1,900,976	14,375,159	43,882,233
17. Gross Electrical Energy Generated (MWH)	624,600	4,697,890	14,028,801
18. Net Electrical Energy Generated (MWH)	601,807	4,500,379	13,416,691
19. Unit Service Factor	100	65.7	69.7
20. Unit Availability Factor	100	67.3	70.5
21. Unit Capacity Factor (Using MDC Net)	99.9	63.4	62.6
22. Unit Capacity Factor (Using DER Net)	97.5	61.9	61.1
23. Unit Forced Outage Rate	0	26.3	2.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling March 24, 1979	10 Weeks		

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

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

7901160237

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 1/4/79

COMPLETED BY G.H. Howlett

TELEPHONE 203/447-1791

Ext. 364

MONTH December 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>810</u>
2	<u>805</u>
3	<u>810</u>
4	<u>810</u>
5	<u>810</u>
6	<u>811</u>
7	<u>812</u>
8	<u>811</u>
9	<u>811</u>
10	<u>809</u>
11	<u>810</u>
12	<u>809</u>
13	<u>809</u>
14	<u>809</u>
15	<u>810</u>
16	<u>803</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>810</u>
18	<u>808</u>
19	<u>809</u>
20	<u>809</u>
21	<u>810</u>
22	<u>810</u>
23	<u>810</u>
24	<u>810</u>
25	<u>810</u>
26	<u>789</u>
27	<u>807</u>
28	<u>808</u>
29	<u>808</u>
30	<u>811</u>
31	<u>811</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

REPORT MONTH December 1978

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 1/5/79
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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

Summary: The unit operated at or near 100% rated thermal power throughout the reporting period.

Docket No. 50-336
Date 1/9/79
Unit Name Millstone 2
Completed By G.H. Howlett
Telephone 203/447-1791 Ext. 364

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month November 1978

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
11/11/78	Chemical & Volume Control	Heat Tracing ckt. P-21	Installed new heat tracing.
11/15/78	Service Water	Vital A.C. switchgear room coolers X-181, 182, & 183	Machined corroded cooler heads.
11/21/78	Chemical & Volume Control	Charging pump P-18A	Replaced pump.
11/22/78	Chemical & Volume Control	Charging pump P-18C	Replaced pump discharge valves.
11/30/78	Reactor Building Closed Cooling Water	RBCCW pump P-11B	Replaced mechanical seal.

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: March 24, 1979
3. Schedule date for restart following refueling: May 19, 1979
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Because the Spring, 1979 refueling will be only the second at Millstone Unit No. 2., Technical Specification Changes are anticipated, especially in the area of reactor engineering specifications. Inspections of the CEA guide tubes and the steam generators are scheduled for the second refueling outage; the results of these inspections may ultimately involve a license amendment. Review of the reload design is scheduled for January, 1979.

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

"Licensing submittals are scheduled as outlined in the November 1, 1978 letter from W. G. Council to R. Reid."

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:

Serious consideration has been given to uprate the thermal output for cycle 3 from 2560 MWT to 2700 MWT. Further schedular details will be forwarded as they developed.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 217 (b) 72

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 6th bundles.