

OPERATING DATA REPORT

DOCKET NO. 50-336
DATE February 5, 1980
COMPLETED BY G.H. Howett III
TELEPHONE 203/447-1791 X364

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: January 1980
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	744	35,952
12. Number Of Hours Reactor Was Critical	744	744	25,823.1
13. Reactor Reserve Shutdown Hours	0	0	2,072.4
14. Hours Generator On-Line	744	744	24,564.2
15. Unit Reserve Shutdown Hours	0	0	335.4
16. Gross Thermal Energy Generated (MWH)	2,001,005	2,001,005	59,699,633
17. Gross Electrical Energy Generated (MWH)	660,962	660,962	19,245,607
18. Net Electrical Energy Generated (MWH)	637,711	637,711	18,417,969
19. Unit Service Factor	100	100	68.3
20. Unit Availability Factor	100	100	69.3
21. Unit Capacity Factor (Using MDC Net)	99.2	99.2	* 62.7
22. Unit Capacity Factor (Using DER Net)	98.5	98.5	* 61.3
23. Unit Forced Outage Rate	0	0	23.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refuel (Cycle 4), July 1, 1980, 9 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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

Correction to Item #23 of the December 1979 report, Item read 25.9 should have read 23.8.

(9/77)

8002190696

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
 UNIT Millstone 2
 DATE 2/5/80
 COMPLETED BY G. H. Howlett
 TELEPHONE 203/447-1791 X364

MONTH January 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>862</u>
2	<u>862</u>
3	<u>839</u>
4	<u>861</u>
5	<u>862</u>
6	<u>862</u>
7	<u>861</u>
8	<u>862</u>
9	<u>862</u>
10	<u>863</u>
11	<u>863</u>
12	<u>862</u>
13	<u>840</u>
14	<u>861</u>
15	<u>862</u>
16	<u>863</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>862</u>
18	<u>862</u>
19	<u>842</u>
20	<u>859</u>
21	<u>858</u>
22	<u>857</u>
23	<u>856</u>
24	<u>855</u>
25	<u>853</u>
26	<u>845</u>
27	<u>856</u>
28	<u>855</u>
29	<u>855</u>
30	<u>854</u>
31	<u>853</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.

Docket No. 50-336
 Date 2/5/80
 Unit Name Millstone 2
 Completed By G.H. Howlett III
 Telephone 203/447-1791 X364

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month December 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
11/3-12/31/79	Acoustic Valve Monitoring	Complete system.	Installed system per NUREG-0578.
12/1-12/31/79	Subcooling Margin Monitor	Complete system.	Installed system per NUREG-0578.
12/1/79	Main Steam	Main Steam Isolation Valve 2-MS-65A	Dismantled, cleaned and reassembled valve.
12/3/79	Reactor Coolant	Reactor Coolant Pump P-40C	Replaced failed seal cartridge.
12/10/79	Chemical & Volume Control	Charging Pump P-18C	Replaced failed (internal) pump valve.
12/11/79	Primary Water Storage	Primary Make-up Water Pump P-122A	Rebuilt failed bearing and motor.
12/19/79	Service Water	Service Water Pump P-5C	Rebuilt failed bearing and motor.

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-336

DOCKET NO.

UNIT NAME

DATE

COMPLETED BY

TELEPHONE

Millstone 2

2/5/80

G. H. Howlett III

203/447-1791 X364

REPORT MONTH January 1980

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. A decrease in unit efficiency can be seen on the 21st., through 31st. This is due to the removal of leaking 2nd stage reheaters from service.

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: July 1, 1980
3. Schedule date for restart following refueling: September 1, 1980
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

Technical Specification changes will be necessary as a result of the change in fuel and safety analysis supplier.

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

The schedule for submitting proposed license action is as follows:

Basic Safety Report	2-29-80
ECCS Results	4-1-80
Reload Safety Evaluation	5-1-80

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:

Cycle 4 will be unique in that it will be the first where the fuel and safety analysis will be supplied by Westinghouse.

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:

1984, Spent Fuel Pool, full core off load capability is reached.
1987, Core Full, Spent Fuel Pool contains 648 bundles.