OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 10-2-81
COMPLETED BY G.H. Howlett
TELEPHONE (203)447-1791
X4431

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: September 1981
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	720	6,551	50,543
12. Number Of Hours Reactor Was Critical	720	5,779.5	37,028.8
13. Reactor Reserve Shutdown Hours	0	0	2,076.9
14. Hours Generator On-Line	720	5,700.6	35,469.6
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1,923,108	15,100,712	88,336,033
17. Gross Electrical Energy Generated (MWH)	631,910	4,999,680	28,672,597
18. Net Electrical Energy Generated (MWH)	609,590	4,814,297	27,476,343
19. Unit Service Factor	100	87.0	70.2
20. Unit Availability Factor	100	87.0	71.1
21. Unit Capacity Factor (Using MDC Net)	98.0	85.1	66.4
22. Unit Capacity Factor (Using DER Net)	97.3	84.5	65.2
23. Unit Forced Outage Rate	0	13.0	21.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, December 5, 1981, 8 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
UNIT Millstone 2
DATE 10-6-81
COMPLETED BY G.H. Howlett
TELEPHONE (203) 447-1791 X4431

MONTH September, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	858	17	856
2	858	18	855
3	858	19	856
4	859	20	856
5	860	21	856
6	860	22	856
7	859	23	856
8	858	24	858
9	858	25	767
10	858	26	836
11	857	27	855
12	696	28	854
13	826	29	856
14	854	30	857
15	854	31	----
16	855		

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1981

DOCKET NO. 50-336
UNIT NAME Millstone 2
DATE 10-6-81
COMPLETED BY G.H. Howlett
TELEPHONE (203) 447-1791 X4431

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% of rated thermal power throughout the month.

(9/77)

Docket No. 50-336
Date: October 6, 1981
Completed by: G.H. Howlett III
Telephone: 203/447-1971 X364

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2

2. Scheduled date for next refueling shutdown:

   Commenced refuel outage December 5, 1981.

3. Schedule date for restart following refueling: February 1, 1982

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

   It is anticipated that Cycle 5 operations will require Technical Specification changes or other License amendments.

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

   Licensing documentation will be provided a minimum of 90 days prior to start-up of Cycle 5 or as documented in the R.A. Clark letter to W.G. Counsil, dated 10/6/80, authorizing Cycle 4 operation.

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:

   N/A

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

   (a) In Core: 217 (b) 216

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.

Docket No. 50-336
Date 10-6-81
Unit Name Millstone 2
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Telephone (203) 447-1791 X4431

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month August 1981

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
8/4/81	Chemical & Volume Control	Charging Pump P -18- C	Replaced pump
8/4/81	Enclosure Building Filtration	2-EB-40, Supply from Enclosure Bldg. to EBFS.	Replaced damper motor
8/31/81	Chemical & Volume Control	Charging Pump P -18- C	Repacked pump