

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 8/10/81
 COMPLETED BY G.H. Howlett
 TELEPHONE (203) 447-1791

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: August, 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

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

Notes

* Items 21 & 22
 Cumulative, are computed
 using a weighted average

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	49,823
12. Number Of Hours Reactor Was Critical	739.4	5,059.5	36,308.8
13. Reactor Reserve Shutdown Hours	0	0	2,076.9
14. Hours Generator On-Line	721.1	4,980.6	34,749.6
15. Unit Reserve Shutdown Hours	0	0	468.2
16. Gross Thermal Energy Generated (MWH)	1,904,455	13,177,257	86,412,578
17. Gross Electrical Energy Generated (MWH)	626,250	4,367,770	28,040,687
18. Net Electrical Energy Generated (MWH)	603,284	4,204,707	26,866,753
19. Unit Service Factor	96.9	85.4	69.8
20. Unit Availability Factor	96.9	85.4	70.7
21. Unit Capacity Factor (Using MDC Net)	93.9	83.5	64.9
22. Unit Capacity Factor (Using DER Net)	93.2	82.9	63.8
23. Unit Forced Outage Rate	3.1	14.6	21.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling, December 5, 1981.

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

Note: Correction item 18 Yr. to Date & Cumulative reflects a sum increase of 90 MWH due to error made on June, 1981 report.

(9/77)

8204130400 810916
 PDR ADDCK 05000336
 PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336

UNIT Millstone 2

DATE 9/11/81

COMPLETED BY G.H. Howlett

TELEPHONE (203) 447-1791
x364

MONTH August, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0 (-23)
2	659
3	850
4	856
5	856
6	857
7	857
8	859
9	858
10	857
11	856
12	855
13	857
14	856
15	826
16	827

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	791
18	849
19	857
20	859
21	859
22	714
23	822
24	858
25	859
26	813
27	858
28	858
29	859
30	860
31	859

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 August, 1981

DOCKET NO. 50-336
 UNIT NAME Millstone 2
 DATE 9/11/81
 COMPLETED BY G.H. Howlett
 TELEPHONE (203) 447-1791

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
7	810731	F	14.3	H	3	N/A	HA	INSTRU	Normal start-up operations with unit being placed on line. (see previous report)
8	810801	F	8.6	G	3	N/A	N/A	N/A	Reactor trip on Low Steam Generator Level during power ascension (Rx power = 15%) Recovered from trip and resumed normal operations.

Summary: The unit operated at or near 100% of rated power throughout the month except for the outage on the 1st.

Project No.	50-3-19
Date	9/11/81
Unit Name	Millstone 2
Completed By	G.H. Howlett
Telephone	(203) 447-1791

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month July, 1981

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
7-2-81	Safety Injection	2-SI-626, HPSI Header 'B' Injection to Loop 1B Iso. Valve	Replaced valve operator motor bearings.
7-2-81	Chemical & Volume Control	Charging pump P-18-C	Replaced failed packing.
7-9-81	Chemical & Volume Control	Charging pump P-18-C	Repacked pump.
7-18-81	Engineered Safeguards Actuation	Current to Current Transmitter Ch 'C' ESAS	Replaced -15 Volt regulator in current to current transmitter.
7-30-81	Chemical & Volume Control	Charging pump P-18-A	Repacked pump.

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. Council, 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.