OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 3/1/79
COMPLETED BY G.H. Howlett
TELEPHONE 203/447-1791 X364

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: February
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

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1,416	27,864
12. Number Of Hours Reactor Was Critical	672	1,351.1	20,878.8
13. Reactor Reserve Shutdown Hours	0	64.9	2,065.6
14. Hours Generator On-Line	672	1,335.5	19,767.2
15. Unit Reserve Shutdown Hours	0	0	226
16. Gross Thermal Energy Generated (MWH)	1,692,785	3,355,312	47,237,545
17. Gross Electrical Energy Generated (MWH)	557,900	1,105,210	15,134,011
18. Net Electrical Energy Generated (MWH)	537,123	1,061,997	14,478,688
19. Unit Service Factor	100	94.3	70.9
20. Unit Availability Factor	100	94.3	71.8
21. Unit Capacity Factor (Using MDC Net)	98.7	92.6	64.2
22. Unit Capacity Factor (Using DER Net)	96.3	90.4	62.6
23. Unit Forced Outage Rate	0	0	23.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, March 10, 1979 10 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

7903190252

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
UNIT Millstone 2
DATE 3/3/79
COMPLETED BY G.H. Howlett
TELEPHONE 203/447-1791 X364

MONTH February 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	813	17	685
2	812	18	703
3	812	19	775
4	813	20	801
5	814	21	811
6	813	22	812
7	813	23	811
8	813	24	811
9	813	25	810
10	811	26	809
11	813	27	809
12	813	28	806
13	813	29	-
14	812	30	-
15	813	31	-
16	746		

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 February 1979

DOCKET NO. 50-336
UNIT NAME Millstone 2
DATE 3/3/79
COMPLETED BY G.H. Howlett
TELEPHONE 203/447-1791 X364

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
02	79 02 16	F	0	H	1	79-03	RB	CRDRVE	While moving group 7 rods for Axial Shape Index control, C.E.A. #68 dropped. Reactor power was reduced to below 70% per procedure. The rod was realigned with group 7 with a subsequent return to full power operations. Reason for dropped C.E.A. is unknown. L.E.R. to be submitted.

Summary: The unit operated at or near full power throughout the month except for the power reduction on the 15th through 19th. The unit commenced coasting down, on the 28th, to Cycle 3 refueling outage.

Docket No. 50-336
Date 3/3/79
Unit Name Millstone 2
Completed By G.H. Howlett
Telephone 203/447-1791

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month January 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
1/2/79	Service Water	Vital 'A.C.' switchgear room cooler X-183	Replaced corroded plugs and cooler heads.
1/6/79	Engineering Safeguards Actuation	Channel 'D' containment pressure isolation amplifier.	Replaced current to current amp.
1/6/79	Engineering Safeguards Actuation	Channel 'D' S/G pressure transmitters.	Replaced current to current amp.
1/6/79	Reactor Protection	R.P.S. Channel 'D' Aux. Logic drawer, T-2 transformer.	Replaced transformer.
1/7/79	Vital Regulated 120V Instrument 'A.C.'	Inverter INV-4	Replaced 12 filter capacitors.
1/8/79	Service Water	RBCCW HX X18A, Drain Valve 2-SW-63A	Replaced failed valve.
1/10/79	Reactor Protection	RPS Channel 'D' Isolated assembly power supply. PS AO Location A1-2.	Replaced the power supply.
1/16/79	Main Steam	Main Steam Isolation Valve 2-MS-64B	Replaced valve actuation cylinder.
1/16/79	Main Steam	Main Steam Isolation Valve 2-MS-64A	Replaced valve actuator.
1/17/79	Service Water	Temp. Control Valve to RBCCW heat exchanger 'A', 2-SW-8.1	Replaced and repositioned valve boot.
1/18/79	Chemical & Volume Control	Charging Pump P-18B	Replaced suction valves.

Docket No. 50-336
Date 3/3/79
Unit Name Millstone 2
Completed By G.H. Howlett
Telephone 203/447-1791

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month January 1979

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
1/22/79	Chemical & Volume Control	Charging Pump P-18A	Replaced suction valves.
1/24/79	Service Water	Service Water Pump P-5A	Replace motor upper bearing.
1/25/79	Diesel Generator	Fuel Outlet assembly 'B' D/G	Replaced fuel outlet assembly and gasket.
1/26/79	Service Water	'B' Hdr. Iso Valve, service water supply to 'A' D/G coolers, 2-SW-12B.	Rebuilt failed valve.

Docket No. 50-336
Date: 3/3/79
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: March 10 , 1979

3. Schedule date for restart following refueling: May 15, 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. Counsil 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 648 bundles.