OPERATING DATA REPORT

DOCKET NO. 50-336
DATE 11/1/78
COMPLETED BY G.H. Howlett III
TELEPHONE 203/447-1791 X364

OPERATING STATUS

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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 6 & 7 reflect an increase over previous MDC's due to corrections made to secondary plant operations.

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	745	7,296	24,984
12. Number Of Hours Reactor Was Critical	745	4,601.5	18,063.7
13. Reactor Reserve Shutdown Hours	0	120.0	2,000.7
14. Hours Generator On-Line	745	4,293.6	16,967.7
15. Unit Reserve Shutdown Hours	0	133.5	226
16. Gross Thermal Energy Generated (MWH)	1,875,411	10,634,370	40,141,444
17. Gross Electrical Energy Generated (MWH)	615,690	3,470,990	12,801,901
18. Net Electrical Energy Generated (MWH)	592,811	3,318,251	12,234,563
19. Unit Service Factor	100	58.8	67.9
20. Unit Availability Factor	100	60.7	68.8
21. Unit Capacity Factor (Using MDC Net)	98.2	56.1	60.5
22. Unit Capacity Factor (Using DER Net)	95.9	54.8	59.0
23. Unit Forced Outage Rate	0	32.3	25.9

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336
UNIT NAME Millstone 2
DATE November 3, 1978
COMPLETED BY G.H. Howlett III
TELEPHONE 203/447-1791 X364

REPORT MONTH October 1978

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
10	781007	F	0	B	1	None	HH	HTEXCH	Feedwater heater '3B' showed indications of having tube leaks. Power was reduced manually to 50% to meet requirements for isolating the 'B' low pressure heater string and allowing for subsequent heater repairs. The isolation attempt failed and it was decided to return to normal operations at which time it was found that the previous indications of tube leaks disappeared.

Summary: Operation was at near full power throughout the report period, except for the power reduction on the 7th.

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336
UNIT Millstone 2
DATE November 3, 1978
COMPLETED BY G.H. Howlett III
TELEPHONE 203/447-1791 X364

MONTH October 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	813	17	806
2	812	18	809
3	812	19	809
4	812	20	810
5	812	21	810
6	807	22	810
7	517	23	807
8	807	24	808
9	808	25	807
10	808	26	777
11	808	27	777
12	808	28	777
13	807	29	802
14	807	30	807
15	808	31	807
16	807		

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 November 6, 1978
Unit Name Millstone 2
Completed By G.H. Howlett III
Telephone 203/447-1791 X364

CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month September 1978

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
9/1/78	Service Water	Service Water Pump 'C', P-5C	Replaced bearing
9/6/78	Reactor Protection	NT-4, Bistable RPS Ch. 'D'	Replaced failed bistable
9/11/78	Service Water	Service Water Pump 'C', P-5C	Rebuilt complete pump
9/15/78	Containment & Enclosure Building Purge	Containment & Enclosure Building purge fan discharge valve 2-AC-1	Temporary repairs made to failed damper
	Containment & Enclosure Building Purge	Purge supply valve to Enclosure Building 2-AC-3	Temporary repairs made to failed damper
9/15/78	Control Room Ventilation	Control Room Exhaust fan F-31-B	Replaced failed bearings
9/29/78	Process & Area Radiation Monitoring	Photomultiplier tube RM 8142	Replace and recalibrated photomultiplier
9/29/78	Boric Acid heat tracing	Circuit, P-7A & P-7B	Replaced failed section of heat tracing

Docket No. 50-336
Date: November 6, 1978
Completed By: G.H. Howlett III
Telephone: 203/447-1791 X364

REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2

2. Scheduled date for next refueling shutdown: March 24, 1979

3. Scheduled 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:

   Proposed licensing action is tentatively scheduled to be submitted on or about February, 1979.

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.