

# OPERATING DATA REPORT

DOCKET NO. 50-366  
 DATE 1-10-80  
 COMPLETED BY J. W. Roden  
 TELEPHONE 912-367-7781

## OPERATING STATUS

1. Unit Name: Hatch 2
2. Reporting Period: December 1979
3. Licensed Thermal Power (MWt): 2436 MWt
4. Nameplate Rating (Gross MWe): 817.0 Gross MWe
5. Design Electrical Rating (Net MWe): 784.0 Net MWe
6. Maximum Dependable Capacity (Gross MWe): 782.0 Gross MWe
7. Maximum Dependable Capacity (Net MWe): 749.0 Net MWe
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2833	2833
12. Number Of Hours Reactor Was Critical	744.0	2663.5	2663.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	2414.5	2414.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1793810	5494062	5494062
17. Gross Electrical Energy Generated (MWH)	612090	1835960	1835960
18. Net Electrical Energy Generated (MWH)	588617	1757137	1757137
19. Unit Service Factor	100.0	85.2	85.2
20. Unit Availability Factor	100.0	85.2	85.2
21. Unit Capacity Factor (Using MDC Net)	105.6	82.8	82.8
22. Unit Capacity Factor (Using DER Net)	100.9	79.1	79.1
23. Unit Forced Outage Rate	0.0	10.6	10.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
 Vent Header Deflector and Surveillance Outage, March 1 to April 13

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
_____	_____
_____	_____
_____	_____

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-366

UNIT Hatch 2

DATE 1-10-80

COMPLETED BY J. W. Roden

TELEPHONE 912-367-7781

MONTH December 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>803</u>
2	<u>750</u>
3	<u>794</u>
4	<u>804</u>
5	<u>802</u>
6	<u>798</u>
7	<u>798</u>
8	<u>741</u>
9	<u>799</u>
10	<u>801</u>
11	<u>796</u>
12	<u>795</u>
13	<u>791</u>
14	<u>793</u>
15	<u>757</u>
16	<u>799</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>802</u>
18	<u>803</u>
19	<u>802</u>
20	<u>802</u>
21	<u>802</u>
22	<u>770</u>
23	<u>761</u>
24	<u>797</u>
25	<u>798</u>
26	<u>800</u>
27	<u>802</u>
28	<u>801</u>
29	<u>768</u>
30	<u>799</u>
31	<u>800</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.

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# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December

DOCKET NO. 50-366  
 UNIT NAME Hatch 2  
 DATE 01-10-80  
 COMPLETED BY J.W. Roden  
 TELEPHONE 912-367-7781

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No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No outages for the month.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

NARRATIVE REPORT  
UNIT 2

There was no single release of radioactivity or single radiation exposure which accounts for more than 10% of the allowable annual values during the previous month of 1979.

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HATCH 2 SAFETY-RELATED MAINTENANCE REQUESTS  
TO BE REPORTED FOR OCTOBER 1979

<u>NUMBER</u>	<u>DATE COMPLETED</u>	<u>DESCRIPTION</u>
79-5906	12-15-79	Checked for loose connections on Safe Guard Equipment Cooling fans
79-5875	12-14-79	Repaired RBM Channel "A"
79-5487	12-14-79	Repaired downscale RPM indicator in Control Room for RCIC
79-5700	11-30-79	Replaced HPCI flow transmitter
79-5742	12-11-79	Repaired RWCU backwash inlet valve
79-5296	12-11-79	Repaired air line leak to HPCI steam line pot drain AOV
79-5783	12-11-79	Calibrated torus water level recorder
79-5739	12-4-79	Repaired safety relief valve; reset keylock switch
79-5743	12-6-79	Replaced HPCI steam line dP instrument
79-1759	12-5-79	Relapped safety relief valves
79-4848	12-7-79	Repaired PSW inlet AOV
79-5488	11-21-79	2C diesel generator trips on high crankcase pressure
79-5668	12-4-79	Repaired blown seat on RWCU pump "A"
79-5576	11-29-79	Broken sight glass on RWCU precoat returned
79-5606	12-2-79	Blown gasket on RWCU precoat tank flow glass

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79-5544	11-29-79	Investigated and repaired R LPCI inverter
79-5238	11-29-79	Investigated and repaired operation of the level switch for fuel oil transfer pumps
79-5585	12-14-79	2D PSW not pumping required flow
79-6003	12-26-79	Repaired standby diesel service water pump
79-5440	12-23-79	Repaired oil leak on Unit 2 3B RHR and core spray jockey pump

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# OPERATING DATA REPORT

DOCKET NO. 50-366  
DATE 12-10-79  
COMPLETED BY G. L. Johnson  
TELEPHONE 912-367-7781

## OPERATING STATUS

1. Unit Name: Hatch 2
2. Reporting Period: November 1979
3. Licensed Thermal Power (MWt): 2436 MWt
4. Nameplate Rating (Gross MWe): 817.0 Gross MWe
5. Design Electrical Rating (Net MWe): 784.0 Net MWe
6. Maximum Dependable Capacity (Gross MWe): 782.0 Gross MWe
7. Maximum Dependable Capacity (Net MWe): 749.0 Net MWe
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

### Notes

Two changes were made.  
Monthly Gen. on-line #14 was  
607.4. Shutdown #79-30 dur-  
ation was changed from 48.6  
to correct for round-off  
errors.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	2089	2089
12. Number Of Hours Reactor Was Critical	689.1	1919.5	1919.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	607.3	1670.5	1670.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1385270	3700252	3700252
17. Gross Electrical Energy Generated (MWH)	457910	1223870	1223870
18. Net Electrical Energy Generated (MWH)	438341	1168520	1168520
19. Unit Service Factor	84.4	80.0	80.0
20. Unit Availability Factor	84.4	80.0	80.0
21. Unit Capacity Factor (Using MDC Net)	81.3	74.7	74.7
22. Unit Capacity Factor (Using DER Net)	77.7	71.3	71.3
23. Unit Forced Outage Rate	4.5	14.6	14.6

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

Vent Header Deflector and Surveillance Outage, March 1 to April 15

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

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 50-366  
 UNIT NAME Hatch 2  
 DATE 12-10-79  
 COMPLETED BY G. L. Johnson  
 TELEPHONE 912-367-7781

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
79-30	79-11-3	S	48.4	B	1	NA	CB	HTEXCH	Shutdown due to inop HPCI Inboard Isolation Valve
79-31	79-11-9	F	12.7	A	3	NA	HJ	HTEXCH	Rx Scram: due to MSR High Level
79-32	79-11-10	F	13.6	A	3	NA	CD	VALVEX	Rx Scram: MSIV closed due to momentary loss of power to the 4160 volt buss
79-33	79-11-14	F	19.2	A	3	NA	EC	MOTORX	Rx Scram: Loss of DC to EHC when taking LPCI inverter out of service
79-34	79-11-18	S	18.	B	1	NA	CB	HTEXCH	Shutdown to repair inop LPCI inverter

1  
F: Forced  
S: Scheduled

2  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance of Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

3  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

4  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

5  
Exhibit I - Same Source

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