

# OPERATING DATA REPORT

DOCKET NO. DPR-23  
 DATE 04/03/79  
 COMPLETED BY ML Watford  
 TELEPHONE 803-332-3501

## OPERATING STATUS

1. Unit Name: H. B. Robinson Unit Two
2. Reporting Period: 790301,0000/790331,2400
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 739
5. Design Electrical Rating (Net MWe): 700
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 665
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
No Change

### Notes

There are 131 PWR spent fuel assemblies in the HBR 2 spent fuel pool.

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	<u>744</u>	<u>2,160</u>	<u>70,782</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>2149.95</u>	<u>55,962.84</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>7.28</u>	<u>687.46</u>
14. Hours Generator On-Line	<u>744</u>	<u>2102.88</u>	<u>54,618.34</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,603,906</u>	<u>4,442,804</u>	<u>112,023,873</u>
17. Gross Electrical Energy Generated (MWH)	<u>521,215</u>	<u>1,445,728</u>	<u>36,159,829</u>
18. Net Electrical Energy Generated (MWH)	<u>496,512</u>	<u>1,375,256</u>	<u>34,275,351</u>
19. Unit Service Factor	<u>100</u>	<u>97.36</u>	<u>77.16</u>
20. Unit Availability Factor	<u>100</u>	<u>97.36</u>	<u>77.16</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.35</u>	<u>95.74</u>	<u>72.82</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.34</u>	<u>90.96</u>	<u>69.18</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.64</u>	<u>17.67</u>

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

Maintenance/Refueling/April 21, 1979/5 Weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: On Line

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

-

-

INITIAL ELECTRICITY

-

-

COMMERCIAL OPERATION

-

-

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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23  
 UNIT H. B. Robinson Two  
 DATE 04/03/79  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-332-3501  
 Ext. 253

MONTH March, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>679</u>
2	<u>679</u>
3	<u>679</u>
4	<u>658</u>
5	<u>679</u>
6	<u>680</u>
7	<u>682</u>
8	<u>682</u>
9	<u>682</u>
10	<u>683</u>
11	<u>670</u>
12	<u>682</u>
13	<u>681</u>
14	<u>680</u>
15	<u>680</u>
16	<u>680</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>679</u>
18	<u>654</u>
19	<u>676</u>
20	<u>675</u>
21	<u>675</u>
22	<u>675</u>
23	<u>677</u>
24	<u>678</u>
25	<u>676</u>
26	<u>678</u>
27	<u>680</u>
28	<u>678</u>
29	<u>677</u>
30	<u>615</u>
31	<u>438</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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1979

DOCKET NO. DPR-23  
UNIT NAME H.B. Robinson Two  
DATE 04/03/79  
COMPLETED BY ML Watford  
TELEPHONE 803-332-3501

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
3-1	032979	S	-	B	4	-	HC	HTEXCH	Load Reduction - Condenser Tube Inspection

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

(9/77)

MAINTENANCE

EQUIPMENT	EFFECT ON SAFE OPERATION	MALFUNCTION		CORRECTIVE/PREVENTIVE ACTION
		CAUSE	RESULTS	
PORV-C	None	Worn Packing	Leaking	Replaced Packing
V-1-8B Steam Shut-off Valve to Aux. Feedwater Pump	None	Worn Valve Seat	Would not shut off	Replaced Valve Seat Gasket
HVH 2&4 S.W. System	None	Tube Leaks	Cooler Leaks	Soldered Tubes
Waste Gas Compressor	None	Strainers Clogged	Oxygen in Gas System	Cleaned Strainer and Lines
Pressure Transmitter Flange on Discharge Line From Boron Injection Tank	None	Worn Gasket	Leaking 3-5 Drops/Sec	Replaced Flexatallic Gasket
Boric Acid Blend Line to Charging Pumps Suction	None	Bolt Missing in Pipe Hanger	Excessive Vibration	Replaced Bolt in Pipe Hanger