

OPERATING DATA REPORT

DOCKET NO. DPR-23  
 DATE August 2, 1979  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 790701,0000/790731,2400
3. Licensed Thermal Power (MWt): 2300
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

Notes There are 169 spent fuel assemblies in the HBR #2 fuel pool.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
Amendment to license allowing uprating in thermal output from 2200 MWT to 2300 MWT.

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>5087</u>	<u>73,709</u>
12. Number Of Hour <sup>y</sup> Reactor Was Critical	<u>360.20</u>	<u>2771.08</u>	<u>56,583.97</u>
13. Reactor Reserve Shutdown Hours	<u>2.45</u>	<u>9.73</u>	<u>689.91</u>
14. Hours Generator On-Line	<u>227.40</u>	<u>2590.98</u>	<u>55,106.44</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>358,248</u>	<u>5,291,670</u>	<u>112,872,739</u>
17. Gross Electrical Energy Generated (MWH)	<u>113,600</u>	<u>1,716,213</u>	<u>36,430,314</u>
18. Net Electrical Energy Generated (MWH)	<u>99,509</u>	<u>1,620,115</u>	<u>34,520,210</u>
19. Unit Service Factor	<u>30.56</u>	<u>50.93</u>	<u>74.76</u>
20. Unit Availability Factor	<u>30.56</u>	<u>50.93</u>	<u>74.76</u>
21. Unit Capacity Factor (Using MDC Net)	<u>20.11</u>	<u>47.89</u>	<u>70.43</u>
22. Unit Capacity Factor (Using DER Net)	<u>19.11</u>	<u>45.50</u>	<u>66.90</u>
23. Unit Forced Outage Rate	<u>5.90</u>	<u>7.78</u>	<u>13.79</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
None

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICITY	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. DPR-23  
 UNIT NAME H. B. Robinson Two  
 DATE August 3, 1979  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

REPORT MONTH July

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
04-02	04-18-79	S	502.35	C	4	-	-	-	Rx SD due to Previous Outage
07-01	07-22-79	F	6.88	B	1	-	HA	Turbin	Turbine Balance Shot
07-02	07-23-79	F	7.37	A	3	-	XX	Turbin	Rx Trip - E. H. Oil Leak

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

<sup>2</sup>  
 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)

<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

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. DPR-23

UNIT H.B. Robinson Two

DATE August 2, 1979

COMPLETED BY M. L. Watford

TELEPHONE 803-383-4524

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	87
23	88
24	160
25	370
26	444
27	521
28	663
29	698
30	696
31	700

**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.