

OPERATING DATA REPORT

DOCKET NO. DPR-23  
DATE 810701  
COMPLETED BY M. Watford  
TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Unit Two
2. Reporting Period: 810601,0000 / 810630,2400
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
No change.

Notes

There are presently 113 spent fuel assemblies in the spent fuel pit.

9. Power Level To Which Restricted, If Any (Net MWe): 2200 MWt
10. Reasons For Restrictions, If Any: Although the unit is not restricted by any outside agency, the power level is presently reduced to 2200 MWt due to steam generator considerations.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>4343</u>	<u>90,509</u>
12. Number Of Hours Reactor Was Critical	<u>455.39</u>	<u>3589.94</u>	<u>69,355.22</u>
13. Reactor Reserve Shutdown Hours	<u>9.67</u>	<u>107.42</u>	<u>1085.30</u>
14. Hours Generator On-Line	<u>443.68</u>	<u>3508.90</u>	<u>67,667.72</u>
15. Unit Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>23.20</u>
16. Gross Thermal Energy Generated (MWH)	<u>877,655</u>	<u>7,560,012</u>	<u>138,772,386</u>
17. Gross Electrical Energy Generated (MWH)	<u>256,412</u>	<u>2,424,327</u>	<u>44,763,094</u>
18. Net Electrical Energy Generated (MWH)	<u>239,855</u>	<u>2,297,966</u>	<u>42,414,418</u>
19. Unit Service Factor	<u>61.62</u>	<u>80.79</u>	<u>74.76</u>
20. Unit Availability Factor	<u>61.62</u>	<u>80.79</u>	<u>74.79</u>
21. Unit Capacity Factor (Using MDC Net)	<u>50.10</u>	<u>79.57</u>	<u>70.47</u>
22. Unit Capacity Factor (Using DER Net)	<u>47.59</u>	<u>75.59</u>	<u>66.95</u>
23. Unit Forced Outage Rate	<u>4.57</u>	<u>5.27</u>	<u>13.46</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling/Maintenance - November 14, 1981 - 3 Months</u>			

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  | <u>--</u> | <u>--</u> |
| Initial Electricity  | <u>--</u> | <u>--</u> |
| Commercial Operation | <u>--</u> | <u>--</u> |

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23  
 UNIT H. B. Robinson Two  
 DATE 810701  
 COMPLETED BY M. Watford  
 TELEPHONE 803-383-4524

MONTH June, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>54</u>
12	<u>563</u>
13	<u>609</u>
14	<u>607</u>
15	<u>610</u>
16	<u>604</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>587</u>
18	<u>559</u>
19	<u>402</u>
20	<u>161</u>
21	<u>285</u>
22	<u>511</u>
23	<u>547</u>
24	<u>542</u>
25	<u>562</u>
26	<u>561</u>
27	<u>566</u>
28	<u>571</u>
29	<u>580</u>
30	<u>585</u>
31	<u>--</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 June

DOCKET NO. DPR-23  
 UNIT NAME H. B. Robinson Two  
 DATE 810702  
 COMPLETED BY M. L. Watford  
 TELEPHONE 803-383-4524

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
05-01	810516	S	255.07	D	1	--	CC	HTEXCH	Continuation from last month. Shut-down for S/G tube inspection and plugging as required per inspection.
06-01	810619	F	11.58	H	2	--	HA	GENERA	Turbine run-back due to lighting hitting unit, resulting in operator manually tripping the unit as a precautionary safety measure.
06-02	810620	F	9.67	H	3	--	IB	CKTBRK	Unit trip due to instrument buss spike caused while I&C personnel were replacing safeguard test switch.
06-03	810620	F	--	A	4	--	HH	CKTBRK	Load reduction. Condensate pump micro switch failed preventing start function. Switch was replaced.

1  
 F: Forced  
 S: Scheduled

2  
 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)

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)

OPERATING DATA REPORT

\*CORRECTED COPY

DOCKET NO: DPR-23  
DATE: 810602  
COMPLETED BY: M. L. Watford  
TELEPHONE: 803-383-4524

OPERATING STATUS

Notes:

There are presently 113 spent fuel assemblies in the spent fuel pit.

1. Unit Name: H. B. Robinson Unit Two
2. Reporting Period: 810501, 0000/810531, 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
8. If Changes Occur in Capacity Ratings (Item Number 3 through 7) Since Last Report, Give Reasons: No change
9. Power Level to Which Restricted, If Any (Net MWe): 2200 MWt
10. Reasons For Restrictions, If Any: Although the unit is not restricted by any outside agency, the power level is presently reduced to 2200 MWt due to Steam Generator considerations.

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	3623	89,789
12. Number of Hours Reactor Was Critical	360.30	3134.55	68,899.83
13. Reactor Reserve Shutdown Hours	0.00	97.75	1,075.63
14. Hours Generator On-Line	360.05	3065.22	67,224.04
15. Unit Reserve Shutdown Hours	0.00	0.00	23.20
16. Gross Thermal Energy Generated (MWH)	795,128	6,682,357	137,894,731
17. Gross Electrical Energy Generated (MWH)	251,222	2,167,915	44,506,682
18. Net Electrical Energy Generated (MWH)	236,497	2,058,111	42,174,563
19. Unit Service Factor	48.39	84.60	74.87
20. Unit Availability Factor	48.39	84.60	74.89
21. Unit Capacity Factor (Using MDC Net)	47.80	85.42	70.63
22. Unit Capacity Factor (Using DER Net)	45.41	81.15	67.10
23. Unit Forced Outage Rate	0.00	5.37	13.51
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling/Maintenance - November 14, 1981 - 3 Months</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: June 10, 1981

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	-	-
INITIAL ELECTRICITY	-	-
COMMERCIAL OPERATION	-	-