

OPERATING DATA REPORT

DOCKET NO. DPR-23
 DATE 791206
 COMPLETED BY M. Watford
 TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 791101,0000/791131,2400
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 127 PWR spent fuel assemblies stored in the HBR-2 spent fuel pool.

9. Power Level To Which Restricted, If Any (Net MWe): 2200 MWt
10. Reasons For Restrictions, If Any: Excessive moisture carryover to H.P. Turbine

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>8016</u>	<u>76,638</u>
12. Number Of Hours Reactor Was Critical	<u>720</u>	<u>5655.41</u>	<u>59,468.30</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>33.72</u>	<u>713.90</u>
14. Hours Generator On-Line	<u>708.22</u>	<u>5440.12</u>	<u>57,955.58</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>23.20</u>	<u>23.20</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,518,386</u>	<u>11,414,055</u>	<u>118,955,124</u>
17. Gross Electrical Energy Generated (MWH)	<u>496,573</u>	<u>3,706,819</u>	<u>38,420,920</u>
18. Net Electrical Energy Generated (MWH)	<u>472,875</u>	<u>3,514,005</u>	<u>36,414,100</u>
19. Unit Service Factor	<u>98.36</u>	<u>67.87</u>	<u>75.62</u>
20. Unit Availability Factor	<u>98.36</u>	<u>68.16</u>	<u>75.65</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.76</u>	<u>65.92</u>	<u>71.45</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.82</u>	<u>62.62</u>	<u>67.88</u>
23. Unit Forced Outage Rate	<u>1.64</u>	<u>4.82</u>	<u>13.27</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</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
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

7912130 7912130 (9/77)

288

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23

UNIT H.B. Robinson Two

DATE 791206

COMPLETED BY M. L. Watford

TELEPHONE 803-383-4524

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	423
2	351
3	299
4	691
5	692
6	691
7	689
8	690
9	692
10	692
11	675
12	691
13	690
14	687
15	694
16	696

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	695
18	640
19	694
20	695
21	695
22	694
23	696
24	696
25	678
26	695
27	695
28	695
29	694
30	695
31	---

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

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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
10-01	791027	F	-	A	4	-	HH	Pump XX	Load reduction. Loss of 'A' Main Feedwater Pump due to motor ground caused by deterioration of insulation. Pump motor repaired and returned to service.
11-01	791102	S	11.78	B	1	-	HA	Turbine	Due to gradual increase in turbine vibration, the unit was removed from service to perform turbine balance shot. Unit returned to service with slight improvement in vibration readings.

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