

OPERATING DATA REPORT

DOCKET NO: DPR-23
 DATE: 810504
 COMPLETED BY: M. L. Watford
 TELEPHONE: 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 810401,0000/810430,2400
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.

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>719</u>	<u>2879</u>	<u>89,045</u>
12. Number of Hours Reactor Was Critical	<u>711.35</u>	<u>2774.25</u>	<u>68,539.53</u>
13. Reactor Reserve Shutdown Hours	<u>7.65</u>	<u>97.75</u>	<u>1,075.63</u>
14. Hours Generator On-Line	<u>704.85</u>	<u>2705.17</u>	<u>66,863.99</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>1,545,070</u>	<u>5,887,229</u>	<u>137,099,603</u>
17. Gross Electrical Energy Generated (MWH)	<u>495,211</u>	<u>1,916,693</u>	<u>44,255,460</u>
18. Net Electrical Energy Generated (MWH)	<u>470,945</u>	<u>1,821,614</u>	<u>41,938,066</u>
19. Unit Service Factor	<u>98.03</u>	<u>93.96</u>	<u>75.09</u>
20. Unit Availability Factor	<u>98.03</u>	<u>93.96</u>	<u>75.12</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.50</u>	<u>95.15</u>	<u>70.82</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.57</u>	<u>90.39</u>	<u>67.28</u>
23. Unit Forced Outage Rate	<u>1.97</u>	<u>6.04</u>	<u>13.58</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Steam Generator Inspection - May 23, 1981 (tentative) - 10 days.</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____

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>

8105130/51

(9/77)

DOCKET NO. DPR-23
 UNIT H. B. Robinson Two
 DATE 810504
 COMPLETED BY Mike Watford
 TELEPHONE 803-383-4524

MONTH April, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	689	17	667
2	682	18	668
3	682	19	644
4	682	20	666
5	670	21	419
6	679	22	442
7	678	23	667
8	679	24	669
9	679	25	671
10	676	26	671
11	676	27	670
12	657	28	668
13	671	29	668
14	665	30	666
15	666	31	---
16	667		

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

DOCKET NO. DPR-23
 UNIT NAME H. B. Robinson Two
 DATE 810506
 COMPLETED BY M. L. Watford
 TELEPHONE 803-383-4524

REPORT MONTH April, 1981

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
04-01	810421	F	5.43	H	3	--	ZZ	ZZZZZZ	Personnel error while performing Periodic Test resulting in reactor trip due to steam flow - feedwater flow mismatch. Corrective action consists of making procedure change.
04-02	810421	F	8.72	A	1	--	HH	Valve X	Feedwater heater drain valve leaks caused by water hammers while returning to power from previous shutdown (04-01). Drain valve leaks were repaired.

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)