

OPERATING DATA REPORT

DOCKET NO: DPR-23
DATE: 810504
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 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.
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-23UNIT H. B. Robinson TwoDATE 810504COMPLETED BY Mike WatfordTELEPHONE 803-383-4524MONTH April, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	689
2	682
3	682
4	682
5	670
6	679
7	678
8	679
9	679
10	676
11	676
12	657
13	671
14	665
15	666
16	667

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	667
18	668
19	644
20	666
21	419
22	442
23	667
24	669
25	671
26	671
27	670
28	668
29	668
30	666
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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1981

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

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)