

OPERATING DATA REPORT

DOCKET NO. DPR-23
DATE 800603
COMPLETED BY M. Watford
TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 800501,0000/800531,2400
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 106 spent fuel assemblies stored in the spent fuel pit.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3647</u>	<u>81,029</u>
12. Number Of Hours Reactor Was Critical	<u>696.32</u>	<u>2874.79</u>	<u>63,081.79</u>
13. Reactor Reserve Shutdown Hours	<u>43.18</u>	<u>200.71</u>	<u>919.91</u>
14. Hours Generator On-Line	<u>687.45</u>	<u>2860.62</u>	<u>61,551.62</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>1,070,990</u>	<u>5,657,999</u>	<u>126,208,328</u>
17. Gross Electrical Energy Generated (MWH)	<u>326,721</u>	<u>1,830,161</u>	<u>40,766,674</u>
18. Net Electrical Energy Generated (MWH)	<u>304,600</u>	<u>1,729,117</u>	<u>38,634,219</u>
19. Unit Service Factor	<u>92.40</u>	<u>78.44</u>	<u>75.96</u>
20. Unit Availability Factor	<u>92.40</u>	<u>78.44</u>	<u>75.99</u>
21. Unit Capacity Factor (Using MDC Net)	<u>61.57</u>	<u>71.30</u>	<u>71.70</u>
22. Unit Capacity Factor (Using DER Net)	<u>58.49</u>	<u>67.73</u>	<u>68.11</u>
23. Unit Forced Outage Rate	<u>7.60</u>	<u>21.56</u>	<u>13.56</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling/Maintenance, July, Six (6) Weeks

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

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DOCKET NO. DPR-23UNIT H. B. RobinsonDATE 800603COMPLETED BY M. WatfordTELEPHONE 803-383-4524MONTH May 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>157</u>
3	<u>651</u>
4	<u>660</u>
5	<u>659</u>
6	<u>645</u>
7	<u>652</u>
8	<u>652</u>
9	<u>649</u>
10	<u>643</u>
11	<u>442</u>
12	<u>651</u>
13	<u>649</u>
14	<u>646</u>
15	<u>641</u>
16	<u>587</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>166</u>
18	<u>130</u>
19	<u>225</u>
20	<u>228</u>
21	<u>231</u>
22	<u>191</u>
23	<u>217</u>
24	<u>228</u>
25	<u>228</u>
26	<u>228</u>
27	<u>232</u>
28	<u>234</u>
29	<u>238</u>
30	<u>306</u>
31	<u>646</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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1980

DOCKET NO. DPR-23
 UNIT NAME H. B. Robinson Two
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 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	800413	F	39.85	A	1	-	CB	Pump XX	Conclusion of outage reported on previous report.
05-01	800510	F	NA	A	4	-	HH	Valve X	"A" Steam Generator FW Regulating Valve experienced packing failure. No particular cause was found for the packing failure. Packing was replaced. Partial load reduction.
05-02	800517	F	14.00	D	1	-	SH	Instru	While reducing power to conserve fuel and prolong core life, the radial tilt limit of 1.02 was exceeded. With N-42 inoperable due to a failed detector, the trip setpoints could not be reset with the reactor critical. The unit was shutdown and the failed detector was replaced.

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

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05-03	800522	F	2.7	H	3	-	SH	Instru	Reactor trip occurred while Instrumentation and Control Technicians shorted-out Reactor Coolant Pump Bearing Temperature Recorder. The short created a spike through Instrument Buss Three into NIS Channel N-43 causing OPAT, OTAT, and high flux trip signals. Reactor was taken critical. Personnel have been reminded to exercise care when removing electrical equipment from service.

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0161)

(9/77)

5 Exhibit I - Same Source