

OPERATING DATA REPORT

DOCKET NO. DPR-23
 DATE 800103
 COMPLETED BY M. L. Watford
 TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 791201, 0000/791231, 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 99 PWR spent fuel assemblies stored in the HBR-2 spent fuel pool.

9. Power Level To Which Restricted, If Any (Net MWe): 2200 MW Thermal Power
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>8760</u>	<u>77,382</u>
12. Number Of Hours Reactor Was Critical	<u>738.70</u>	<u>6394.11</u>	<u>60,207.00</u>
13. Reactor Reserve Shutdown Hours	<u>5.30</u>	<u>39.02</u>	<u>719.20</u>
14. Hours Generator On-Line	<u>735.42</u>	<u>6175.54</u>	<u>58,691.00</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>23.20</u>	<u>23.20</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,555,205</u>	<u>12,969,260</u>	<u>120,510,329</u>
17. Gross Electrical Energy Generated (MWH)	<u>515,593</u>	<u>4,222,412</u>	<u>38,936,513</u>
18. Net Electrical Energy Generated (MWH)	<u>491,002</u>	<u>4,005,007</u>	<u>36,905,102</u>
19. Unit Service Factor	<u>98.85</u>	<u>70.50</u>	<u>75.85</u>
20. Unit Availability Factor	<u>98.85</u>	<u>70.76</u>	<u>75.88</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.24</u>	<u>68.75</u>	<u>71.72</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.28</u>	<u>65.31</u>	<u>68.13</u>
23. Unit Forced Outage Rate	<u>1.15</u>	<u>4.40</u>	<u>13.14</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling/Maintenance, May 1980, 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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast Achieved

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December

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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
12-1	791209	F	---	B	4	-----	HC	HTEXCH	Load Reduction to plug leaking condenser tubes.
12-2	791213	F	2.90	G	3	-----	HH	Pump XX	Reactor trip due to "A" Steam Generator hi level. Trip occurred while operator was valving in 1530A, which caused the loss of both heater drain pumps.
12-3	791221	F	---	B	4	-----	HC	HTEXCH	Load Reduction to plug leaking condenser tubes.
12-4	791222	F	5.68	G	3	-----	HB	VALVEX	Turbine trip during weekly valve test. Lever not in full test position.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23
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 DATE 800103
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 TELEPHONE 803-383-4524

MONTH December, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>696</u>	17	<u>685</u>
2	<u>675</u>	18	<u>684</u>
3	<u>700</u>	19	<u>684</u>
4	<u>700</u>	20	<u>684</u>
5	<u>699</u>	21	<u>614</u>
6	<u>699</u>	22	<u>359</u>
7	<u>694</u>	23	<u>680</u>
8	<u>636</u>	24	<u>681</u>
9	<u>500</u>	25	<u>675</u>
10	<u>687</u>	26	<u>675</u>
11	<u>687</u>	27	<u>676</u>
12	<u>686</u>	28	<u>676</u>
13	<u>541</u>	29	<u>679</u>
14	<u>684</u>	30	<u>670</u>
15	<u>684</u>	31	<u>683</u>
16	<u>685</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.