

OPERATING DATA REPORT

DOCKET NO. DPR-23
 DATE 050279
 COMPLETED BY M. L. Watford
 TELEPHONE 803-332-3501

OPERATING STATUS

1. Unit Name: H. B. Robinson Unit No. 2
2. Reporting Period: 790401,0000/790430,2400
3. Licensed Thermal Power (MWt): 2200
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

Notes There are 131 PWR spent fuel assemblies in the HBR2 spent fuel storage pool. Those assemblies being removed during the present refueling are not included since fuel shuffle was in progress at the end of the reporting period.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
No change

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2879</u>	<u>71501</u>
12. Number Of Hours Reactor Was Critical	<u>260.93</u>	<u>2410.88</u>	<u>56,223.77</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>7.28</u>	<u>687.46</u>
14. Hours Generator On-Line	<u>260.70</u>	<u>2363.58</u>	<u>54,879.04</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>490.618</u>	<u>4,933,422</u>	<u>112,514,491</u>
17. Gross Electrical Energy Generated (MWH)	<u>156,885</u>	<u>1,602,613</u>	<u>36,316,714</u>
18. Net Electrical Energy Generated (MWH)	<u>145,350</u>	<u>1,520,606</u>	<u>34,420,701</u>
19. Unit Service Factor	<u>36.26</u>	<u>82.10</u>	<u>76.75</u>
20. Unit Availability Factor	<u>36.26</u>	<u>82.10</u>	<u>76.75</u>
21. Unit Capacity Factor (Using MDC Net)	<u>30.40</u>	<u>79.42</u>	<u>72.39</u>
22. Unit Capacity Factor (Using DER Net)	<u>28.88</u>	<u>75.45</u>	<u>68.77</u>
23. Unit Forced Outage Rate	<u>36.10</u>	<u>7.96</u>	<u>13.82</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

None

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 20, 1979

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>

7905150426
 (9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23

UNIT H.B. Robinson 2

DATE 05-02-79

COMPLETED BY M. L. Watford

TELEPHONE 803-332-3501

MONTH April, 1979

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>322</u>
2	<u>497</u>
3	<u>591</u>
4	<u>629</u>
5	<u>631</u>
6	<u>623</u>
7	<u>614</u>
8	<u>610</u>
9	<u>601</u>
10	<u>587</u>
11	<u>472</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>-</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. DPR-23
 UNIT NAME H.B. Robinson 2
 DATE 5-2-79
 COMPLETED BY M. L. Watford
 TELEPHONE 803-332-3501

REPORT MONTH _____

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
4-1	041179	F	147,30	A	1	LER #79-07	CA	HTEXCH	"B" Steam Generator Pri to Sec Tube Leak
4-2	041879	S	311	C	4	-	-	-	Refuel/Maint. Outage - Rx. shutdown due to Shutdown 4-1

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

MAINTENANCE

EQUIPMENT	EFFECT ON SAFE OPERATION	MALFUNCTION		CORRECTIVE/PREVENTIVE ACTION
		CAUSE	RESULTS	
*PT-446 (First Stage Press)	None	Defective transmitter	failed low	replaced transmitter
*Calibration of various Hagan control modules	None	-	-	periodic calibration
*Hagan Rack Isolator FM-416	None	Defective capacitors	out of calibration	capacitors replaced
*N1, N42, N43, N44	None	out of calibration	indicating high	calibrated to agree with calorimetric
RMS 11 & 12	None	broken motor wire	motor would not operate	wire re-terminated
*V12-6 Purge Inlet	None	faulty air solenoid valve	would not open	repair kit installed in solenoid valve
*Calibration of various flow, press and temp. transmitters	None	-	-	periodic calibration