

# OPERATING DATA REPORT

DOCKET NO. DPR-23  
DATE 060479  
COMPLETED BY M.L.Watford  
TELEPHONE 803-383-4524

## OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 790501,0000/790531,2400
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 183 spent fuel assemblies stored in the H. B. Robinson Unit No. 2 fuel pool.

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>744</u>	<u>3623</u>	<u>72,245</u>
12. Number Of Hours Reactor Was Critical	<u>0</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>0</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>0</u>	<u>4,933,422</u>	<u>112,514,491</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,602,613</u>	<u>36,316,714</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1,520,606</u>	<u>34,420,701</u>
19. Unit Service Factor	<u>0</u>	<u>65.24</u>	<u>75.96</u>
20. Unit Availability Factor	<u>0</u>	<u>65.24</u>	<u>75.96</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>63.11</u>	<u>71.65</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>59.96</u>	<u>68.06</u>
23. Unit Forced Outage Rate	<u>0</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: 060779

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>

7906110167.

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23

UNIT H.B. Robinson Two

DATE 060479

COMPLETED BY M.L. Watford

TELEPHONE 803-383-4524

MONTH May, 1979

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</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>0</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, 1979

DOCKET NO. DPR-23  
 UNIT NAME H.B. Robinson Two  
 DATE 060479  
 COMPLETED BY M.L. Watford  
 TELEPHONE 803-383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
4-2	041879	S	744	C	4	-	-	-	Refueling/Maintenance Outage - Reactor Shutdown Due to Previous Outage.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source

# MAINTENANCE

## Work Sheet

EQUIPMENT	EFFECT ON SAFE OPERATION	MALFUNCTION		CORRECTIVE/PREVENTIVE ACTION
		CAUSE	RESULTS	
"A" Service Water Booster Pump	none	broken pressure switch	would not work	switch replaced
Valve 1932B	none	broken limit switch	-	switch replaced
Audio Count Rate Channel	none	defective I.C.	audio portion for P.T.- 1.6 does not work	I.C. replaced
Radiation Monitor 19	none	contamination build-up	high readings	deconned
Engine Driven Fire Pump	none	faulty fuel shut-off solenoid	gas leak	solenoid cleaned
Purge Outlet Valves V12-8 and V12-9	none	rubber seats out of alignment	leaking	seats adjusted
"B" Charging Pump	none	faulty recirc. valve	leaking	valve replaced
CV Purge Valve V12-6	none	seal misaligned	leaking	seal adjusted
"A" Inverter	none	two blown output fuses	tripped out	fuses replaced
Refueling calibration of various flow, level, and temperature transmitters	none	periodic calibration	-	-