

# OPERATING DATA REPORT

DOCKET NO: 50-261  
 DATE: 830104  
 COMPLETED BY: H. Ray Norris  
 TELEPHONE: (803) 383-4524

## OPERATING STATUS

### Notes:

There are presently 157 spent fuel assemblies in the spent fuel pool.

1. Unit Name: H. B. Robinson Unit #2
2. Reporting Period: 821201, 0000 / 821231, 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): 1955 MWt Reactor Power
10. Reasons For Restrictions, If Any: Although the unit is not restricted by any outside agency, the power level is presently reduced due to steam generator considerations.

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	8,760	103,686
12. Number of Hours Reactor Was Critical	707.35	4494.25	76,839.67
13. Reactor Reserve Shutdown Hours	36.65	67.68	1307.77
14. Hours Generator On-Line	704.9	4,280.74	74,836.05
15. Unit Reserve Shutdown Hours	0	0	23.20
16. Gross Thermal Energy Generated (MWH)	1,297,144.8	7,669,164.4	150,764,538.2
17. Gross Electrical Energy Generated (MWH)	416,398	2,430,793	48,508,763
18. Net Electrical Energy Generated (MWH)	391,624	2,251,851	45,872,102
19. Unit Service Factor	94.74	48.86	72.17
20. Unit Availability Factor	94.74	48.86	72.19
21. Unit Capacity Factor (Using MDC Net)	79.15	38.65	66.52
22. Unit Capacity Factor (Using DER Net)	75.19	36.72	63.20
23. Unit Forced Outage Rate	5.25	7.47	14.21
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Type Two	5/14/83, Four week steam generator inspection outage.		

25. If Shut Down At End of Report Period, Estimated Date of Startup: 1/1/83

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

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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8301140370 830103  
 PDR ADOCK 05000261  
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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-261  
 UNIT H. B. Robinson  
 DATE 830104  
 COMPLETED BY H. Ray Norris  
 TELEPHONE (803) 383-4524

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>59</u>	17	<u>563</u>
2	<u>556</u>	18	<u>561</u>
3	<u>560</u>	19	<u>498</u>
4	<u>561</u>	20	<u>561</u>
5	<u>557</u>	21	<u>564</u>
6	<u>560</u>	22	<u>564</u>
7	<u>559</u>	23	<u>564</u>
8	<u>561</u>	24	<u>565</u>
9	<u>560</u>	25	<u>564</u>
10	<u>560</u>	26	<u>564</u>
11	<u>560</u>	27	<u>563</u>
12	<u>561</u>	28	<u>565</u>
13	<u>562</u>	29	<u>563</u>
14	<u>562</u>	30	<u>563</u>
15	<u>562</u>	31	<u>36</u>
16	<u>562</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

REPORT MONTH December

DOCKET NO. 50-261  
 UNIT NAME H. B. Robinson  
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 COMPLETED BY H. Ray Norris  
 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
11-1	821201	F	17.55	A	3	- - -	WC	VALVEX	S/G chemistry was unacceptable due to mechanical failure of caustic injection valves. This resulted in inleakage of sodium hydroxide into the make-up water system and from there to the S/G's. The valves were replaced. As the reactor was being manually shut down for outage, an automatic trip occurred due to a source range spike upon reenergizing, resulting in reactor trip.
12-1	821231	F	21.55	A	3	- - -	HB	INSTRU	A faulty fuse holder caused the power solenoid for "C" MSIV to de-energize closing the MSIV which caused a low-low level in "C" S/G and subsequent unit trip.

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

<sup>2</sup> 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)

<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