

OPERATING DATA REPORT

DOCKET NO: 50-261
DATE: 820902
COMPLETED BY: H. Ray Norris
TELEPHONE: (803) 383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Unit No. 2
2. Reporting Period: 820801,0000/820831,2400
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.

Notes:

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

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	744	5,831	100,757
12. Number of Hours Reactor Was Critical	304.73	1,671.83	74,017.25
13. Reactor Reserve Shutdown Hours	0	0	1,085.30
14. Hours Generator On-Line	215.10	1,582.20	72,137.51
15. Unit Reserve Shutdown Hours	0	0	23.20
16. Gross Thermal Energy Generated (MWH)	288,420	2,789,730	145,885,104
17. Gross Electrical Energy Generated (MWH)	72,952	871,282	46,949,252
18. Net Electrical Energy Generated (MWH)	54,841	788,700	44,408,951
19. Unit Service Factor	28.91	27.13	71.59
20. Unit Availability Factor	28.91	27.13	71.61
21. Unit Capacity Factor (Using MDC Net)	11.08	20.33	66.27
22. Unit Capacity Factor (Using DER Net)	10.53	19.32	62.96
23. Unit Forced Outage Rate	45.29	10.11	14.49
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Type-2, 2/26/83. Four week steam generator inspection outage.			

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
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8209200 392

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-261
UNIT TWO
DATE 820902
COMPLETED BY H. Ray Norris
TELEPHONE (803) 383-4524

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>13</u>
6	<u>0</u>	22	<u>77</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>109</u>
9	<u>0</u>	25	<u>130</u>
10	<u>0</u>	26	<u>274</u>
11	<u>0</u>	27	<u>378</u>
12	<u>0</u>	28	<u>373</u>
13	<u>0</u>	29	<u>367</u>
14	<u>0</u>	30	<u>478</u>
15	<u>0</u>	31	<u>530</u>
16	<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.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-261
UNIT NAME H. B. Robinson
DATE 820902
COMPLETED BY H. Ray Norris
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
2-01	820801	S	350.80	B/C	3	---	ZZ	ZZZZZZ	Shutdown for maintenance/refueling outage.
08-02	820815	F	131.59	B	3	---	HB	HTEXCH	While bringing the unit off line due to faulty MW indication, the unit tripped. Cause-low level S/G resulting in low level trip.
08-03	820821	F	6.00	A	3	---	HH	VALVEX	High level S/G. Cause-trip due to feed water reg. valve malfunction.
08-04	820821	F	8.01	A	3	---	HH	VALVEX	High level S/G. Cause trip due to feed water reg. valve malfunction.
08-05	820822	F	32.27	B	1	---	HA	TURBIN	Required turbine over speed trip test following refueling/maintenance outage.
08-06	820825	F	0.23	B	1	---	HA	TURBIN	Required turbine test-adjusted over-speed trip.

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

(9/77)

OPERATING DATA REPORT

DOCKET NO: 50-261

DATE: 820802

COMPLETED BY: H. Ray Norris

TELEPHONE: (803) 383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Unit No. 2
2. Reporting Period: 820701,0000 / 820731,2400
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

Notes:

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

9. Power Level to Which Restricted, If Any (Net MWe): Approximately 535 (80% 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
1. Hours in Reporting Period	744	5,087	100,013
2. Number of Hours Reactor Was Critical	0	1,367.1	73,712.52
13. Reactor Reserve Shutdown Hours	0	0	1,085.30
14. Hours Generator On-Line	0	1,367.1	71,922.41
15. Unit Reserve Shutdown Hours	0		23.20
16. Gross Thermal Energy Generated (MWH)	0	2,501,310	145,596,684
17. Gross Electrical Energy Generated (MWH)	0	798,330	46,876,300
18. Net Electrical Energy Generated (MWH)	-8,738	733,859	44,354,110
19. Unit Service Factor	0	26.87	71.91
20. Unit Availability Factor	0	26.87	71.93
21. Unit Capacity Factor (Using MDC Net)	-1.77	21.69	66.68
22. Unit Capacity Factor (Using DER Net)	-1.67	20.61	63.35
23. Unit Forced Outage Rate	0	0	14.35
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>None</u>		

25. If Shut Down At End of Report Period, Estimated Date of Startup: August 7, 1982

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	--	--
INITIAL ELECTRICITY	--	--
COMMERCIAL OPERATION	--	--

*Revision No. 1

(9/77)