

### OPERATING DATA REPORT

DOCKET NO. 050-0261  
DATE 830401  
COMPLETED BY H. Ray Norris  
TELEPHONE (803) 383-4524

#### OPERATING STATUS

1. Unit Name: Robinson Unit 2
2. Reporting Period: March 830301,0000/830331,2400
3. Licensed Thermal Power (MWt): 2300
4. Nameplate Rating (Gross MWe): 739.0
5. Design Electrical Rating (Net MWe): 700.0
6. Maximum Dependable Capacity (Gross MWe): 700.0
7. Maximum Dependable Capacity (Net MWe): 665.0
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): 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	744.00	2160.00	105846.00
12. Number Of Hours Reactor Was Critical	726.33	2110.96	78950.73
13. Reactor Reserve Shutdown Hours	9.63	35.43	1343.20
14. Hours Generator On-Line	725.23	2093.26	75929.30
15. Unit Reserve Shutdown Hours	.00	.00	23.20
16. Gross Thermal Energy Generated (MWH)	1309095.60	3678759.84	154443351.36
17. Gross Electrical Energy Generated (MWH)	422706.00	1184644.00	49693407.00
18. Net Electrical Energy Generated (MWH)	398224.00	1114599.00	46986701.00
19. Unit Service Factor	97.48	96.91	72.68
20. Unit Availability Factor	97.48	96.91	72.70
21. Unit Capacity Factor (Using MDC Net)	80.49	77.60	66.75
22. Unit Capacity Factor (Using DER Net)	76.46	73.72	63.42
23. Unit Forced Outage Rate	2.52	3.09	13.94

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Type two 4-23-83, three 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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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0261  
UNIT Unit 2  
DATE 830401  
COMPLETED BY H. Ray Norris  
TELEPHONE (803) 383-4524

MONTH March

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>559</u>
2	<u>560</u>
3	<u>559</u>
4	<u>560</u>
5	<u>561</u>
6	<u>560</u>
7	<u>560</u>
8	<u>559</u>
9	<u>558</u>
10	<u>560</u>
11	<u>560</u>
12	<u>538</u>
13	<u>514</u>
14	<u>560</u>
15	<u>558</u>
16	<u>559</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>559</u>
18	<u>561</u>
19	<u>560</u>
20	<u>561</u>
21	<u>561</u>
22	<u>561</u>
23	<u>247</u>
24	<u>256</u>
25	<u>556</u>
26	<u>558</u>
27	<u>559</u>
28	<u>559</u>
29	<u>558</u>
30	<u>559</u>
31	<u>493</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 March

DOCKET NO. 50-261  
 UNIT NAME H. B. Robinson  
 DATE 830401  
 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
83-01	830301	S	0	A	4	---	HB	HTEXCH	Power reduction to $\approx$ 80% due to steam generator consideration.
83-02	830323	F	18.77	A/B	3	---	IA	INSTRU	Unit trip due to turbine runback initiated while performing periodic test. Testing was in progress on NIS power range logic circuits when two test switches malfunctioned. The switches were replaced. The shutdown was extended an additional $\approx$ 9 hours due to faulty AC circuit cards in the rod control system.  Cards were repaired.

<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

(9/77)

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0261UNIT Unit 2DATE 830401COMPLETED BY H. Ray NorrisTELEPHONE (803) 383-4524MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	563	17	562
2	562	18	217
3	562	*19	390
4	484	20	559
5	365	21	559
6	413	22	560
7	418	23	559
8	478	24	559
9	560	25	426
10	561	26	558
11	561	*27	558
12	562	28	558
13	562	29	
14	562	30	
15	563	31	
16	561		

## 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.

\*Corrected copy see March 1983 Report for details

(9/77)