OPERATING DATA REPORT

DOCKET NO: DPR-23
DATE: 810303
COMPLETED BY: M. Watford
TELEPHONE: (803) 383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Unit Two
2. Reporting Period: 810201, 0000/810228, 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): No restriction
10. Reasons For Restrictions, If Any: Although the unit is not restricted by any outside agency, the power level is presently reduced to 2200 MWt due to steam generator considerations.

Notes:

There are presently 113 spent fuel assemblies stored in the spent fuel pool.

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	672	1,416	87,582
12. Number of Hours Reactor Was Critical	656.83	1,325.90	67,091.18
13. Reactor Reserve Shutdown Hours	15.17	90.10	1,067.98
14. Hours Generator On-Line	606.35	1,267.75	65,426.57
15. Unit Reserve Shutdown Hours	0.00	0.00	23.20
16. Gross Thermal Energy Generated (MWH)	1,279,260	2,737,589	133,949,963
17. Gross Electrical Energy Generated (MWH)	416,716	896,641	43,235,408
18. Net Electrical Energy Generated (MWH)	394,944	850,966	40,967,418
19. Unit Service Factor	90.23	89.53	74.70
20. Unit Availability Factor	90.23	89.53	74.73
21. Unit Capacity Factor (Using MDC Net)	88.38	90.37	70.34
22. Unit Capacity Factor (Using DER Net)	83.96	85.85	66.82
23. Unit Forced Outage Rate	9.77	10.47	13.80

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Steam Generator Inspection - May 7, 1981 (tentative), 3 weeks
25. If Shut Down At End of Report Period, Estimated Date of Startup: On line
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	-	-
INITIAL ELECTRICITY	-	-
COMMERCIAL OPERATION	-	-

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. DPR-23
UNIT NAME H. B. Robinson Unit #2
DATE 810303
COMPLETED BY M. Watford
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
01-04	810129	F	17.21	A	3	-	XX	PUMPXX	Continuation of January outage. E.H. oil pump(s) failure - one replaced due to seal problems and one had a crack repaired on the discharge unloader piping.
02-01	810201	F	3.38	A	3	-	HH	VALVEX	"C" FWRV closed causing steam flow - feedwater flow mismatch.
02-02	810202	F	-	A	4	-	HH	VALVEX	"C" FWRV oscillating - load reduction.
02-03	810202	F	3.28	A	3	-	HH	VALVEX	"C" FWRV closed due to broken air line which resulted in steam flow - feed-water flow mismatch. Air line repaired.
02-04	810202	F	41.78	A	3	-	HH	VALVEX	"C" FWRV closed due to air line blowing off. This caused a SF/FF mismatch. Air line repaired and "C" FWRV rebuilt.
02-05	810204	F	-	B	4	-	HH	VALVEX	Load reduction to evaluate "C" FWRV performance.

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

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23
UNIT H. B. Robinson Two
DATE 810303
COMPLETED BY M. Watford
TELEPHONE 803-383-4524

MONTH February

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	690
2	130	18	690
3	0	19	690
4	84	20	689
5	437	21	688
6	692	22	676
7	694	23	687
8	693	24	687
9	693	25	686
10	691	26	685
11	691	27	683
12	692	28	684
13	692	29	-
14	691	30	-
15	678	31	-
16	691		

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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