OPERATING DATA REPORT

DOCKET NO. DPR-23
DATE 800103
COMPLETED BY M. L. Watford
TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 791201,0000/791231,2400
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 (Items Number 3 Through 7) Since Last Report, Give Reasons:
   No change

Notes There are 99 PWR spent fuel assemblies stored in the HBR-2 spent fuel pool.

9. Power Level To Which Restricted, If Any (Net MWe): 2200 MW Thermal Power
10. Reasons For Restrictions, If Any: Excessive moisture carry-over to H.P. Turbine

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8760	77,382
12. Number Of Hours Reactor Was Critical	738.70	6394.11	60,207.00
13. Reactor Reserve Shutdown Hours	5.30	39.02	719.20
14. Hours Generator On-Line	735.42	6175.54	58,691.00
15. Unit Reserve Shutdown Hours	0	23.20	23.20
16. Gross Thermal Energy Generated (MWH)	1,555,205	12,969,260	120,510,329
17. Gross Electrical Energy Generated (MWH)	515,593	4,222,412	38,936,513
18. Net Electrical Energy Generated (MWH)	491,002	4,005,007	36,905,102
19. Unit Service Factor	98.85	70.50	75.85
20. Unit Availability Factor	98.85	70.76	75.88
21. Unit Capacity Factor (Using MDC Net)	99.24	68.75	71.72
22. Unit Capacity Factor (Using DER Net)	94.28	65.31	68.13
23. Unit Forced Outage Rate	1.15	4.40	13.14

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling/Maintenance, May 1980, 6 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	----	----

8001140

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December

DOCKET NO. DPR-23
UNIT NAME H. B. Robinson Two
DATE 800103
COMPLETED BY M. L. 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
12-1	791209	F	---	B	4	------	HC	HTEXCH	Load Reduction to plug leaking condenser tubes.
12-2	791213	F	2.90	G	3	------	HH	Pump XX	Reactor trip due to "A" Steam Generator hi level. Trip occurred while operator was valving in 1530A, which caused the loss of both heater drain pumps.
12-3	791221	F	---	B	4	------	HC	HTEXCH	Load Reduction to plug leaking condenser tubes.
12-4	791222	F	5.68	G	3	------	HB	VALVEX	Turbine trip during weekly valve test. Lever not in full test position.

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23
UNIT H. B. Robinson Two
DATE 800103
COMPLETED BY M. L. Watford
TELEPHONE 803-383-4524

MONTH December, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	696	17	685
2	675	18	684
3	700	19	684
4	700	20	684
5	699	21	614
6	699	22	359
7	694	23	680
8	636	24	681
9	500	25	675
10	687	26	675
11	687	27	676
12	686	28	676
13	541	29	679
14	684	30	670
15	684	31	683
16	685		

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)