OPERATING DATA REPORT

DOCKET NO. DPR-23
DATE 791206
COMPLETED BY M. Watford
TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 791101,0000/791131,2400
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

Notes: There are 127 PWR spent fuel assemblies stored in the HBR-2 spent fuel pool.

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): 2200 MWt
10. Reasons For Restrictions, If Any: Excessive moisture carryover to H.P. Turbine

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8016	76,638
12. Number Of Hours Reactor Was Critical	720	5655.41	59,468.30
13. Reactor Reserve Shutdown Hours	0	33.72	713.90
14. Hours Generator On-Line	708.22	5440.12	57,955.58
15. Unit Reserve Shutdown Hours	0	23.20	23.20
16. Gross Thermal Energy Generated (MWH)	1,518,386	11,414,055	118,955,124
17. Gross Electrical Energy Generated (MWH)	496,573	3,706,819	38,420,920
18. Net Electrical Energy Generated (MWH)	472,875	3,514,005	36,414,100
19. Unit Service Factor	98.36	67.87	75.62
20. Unit Availability Factor	98.36	68.16	75.65
21. Unit Capacity Factor (Using MDC Net)	98.76	65.92	71.45
22. Unit Capacity Factor (Using DER Net)	93.82	62.62	67.88
23. Unit Forced Outage Rate	1.64	4.82	13.27

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

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	---	---

7912180 (9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23

UNIT H.B. Robinson Two

DATE 791206

COMPLETED BY M. L. Watford

TELEPHONE 803-383-4524

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	423	17	695
2	351	18	640
3	299	19	694
4	691	20	695
5	692	21	695
6	691	22	694
7	689	23	696
8	690	24	696
9	692	25	678
10	692	26	695
11	675	27	695
12	691	28	695
13	690	29	694
14	687	30	695
15	694	31	---
16	696		

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 November

DOCKET NO. DPR-23
UNIT NAME H.B. Robinson Two
DATE 791206
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
10-01	791027	F	-	A	4	-	HH	Pump XX	Load reduction. Loss of 'A' Main Feedwater Pump due to motor ground caused by deterioration of insulation. Pump motor repaired and returned to service.
11-01	791102	S	11.78	B	1	-	HA	Turbine	Due to gradual increase in turbine vibration, the unit was removed from service to perform turbine balance shot. Unit returned to service with slight improvement in vibration readings.

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)