

OPERATING DATA REPORT

DOCKET NO. DPR-23
 DATE August 2, 1979
 COMPLETED BY M. L. Watford
 TELEPHONE 803-383-4524

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 790701,0000/790731,2400
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 169 spent fuel assemblies in the HBR #2 fuel pool.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Amendment to license allowing uprating in thermal output from 2200 MWT to 2300 MWT.

9. Power Level To Which Restricted, If Any (Net MWe): None

10. Reasons For Restrictions, If Any: None

| | This Month | Yr.-to-Date | Cumulative |
|---|----------------|------------------|--------------------|
| 11. Hours In Reporting Period | <u>744</u> | <u>5087</u> | <u>73,709</u> |
| 12. Number Of Hours Reactor Was Critical | <u>360.20</u> | <u>2771.08</u> | <u>56,583.97</u> |
| 13. Reactor Reserve Shutdown Hours | <u>2.45</u> | <u>9.73</u> | <u>689.91</u> |
| 14. Hours Generator On-Line | <u>227.40</u> | <u>2590.98</u> | <u>55,106.44</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>358,248</u> | <u>5,291,670</u> | <u>112,872,739</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>113,600</u> | <u>1,716,213</u> | <u>36,430,314</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>99,509</u> | <u>1,620,115</u> | <u>34,520,210</u> |
| 19. Unit Service Factor | <u>30.56</u> | <u>50.93</u> | <u>74.76</u> |
| 20. Unit Availability Factor | <u>30.56</u> | <u>50.93</u> | <u>74.76</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>20.11</u> | <u>47.89</u> | <u>70.43</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>19.11</u> | <u>45.50</u> | <u>66.90</u> |
| 23. Unit Forced Outage Rate | <u>5.90</u> | <u>7.78</u> | <u>13.79</u> |

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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

| Forecast | Achieved |
|----------|----------|
| <u>-</u> | <u>-</u> |
| <u>-</u> | <u>-</u> |
| <u>-</u> | <u>-</u> |

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 (9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

DPR-23

UNIT NAME

H. B. Robinson Two

DATE

August 3, 1979

COMPLETED BY

M. L. Watford

TELEPHONE

803-383-4524

REPORT MONTH July

| 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 |
|-------|----------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| 04-02 | 04-18-79 | S | 502.35 | C | 4 | - | - | - | Rx SD due to Previous Outage |
| 07-01 | 07-22-79 | F | 6.88 | B | 1 | - | HA | Turbin | Turbine Balance Shot |
| 07-02 | 07-23-79 | F | 7.37 | A | 3 | - | XX | Turbin | Rx Trip - E. H. Oil Leak |

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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23

UNIT H.B. Robinson Two

DATE August 2, 1979

COMPLETED BY M. L. Watford

TELEPHONE 803-383-4524

MONTH July

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|-------------------|
| 1 | <u>0</u> |
| 2 | <u>0</u> |
| 3 | <u>0</u> |
| 4 | <u>0</u> |
| 5 | <u>0</u> |
| 6 | <u>0</u> |
| 7 | <u>0</u> |
| 8 | <u>0</u> |
| 9 | <u>0</u> |
| 10 | <u>0</u> |
| 11 | <u>0</u> |
| 12 | <u>0</u> |
| 13 | <u>0</u> |
| 14 | <u>0</u> |
| 15 | <u>0</u> |
| 16 | <u> </u> |

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

| | |
|----|------------|
| 17 | <u>0</u> |
| 18 | <u>0</u> |
| 19 | <u>0</u> |
| 20 | <u>0</u> |
| 21 | <u>0</u> |
| 22 | <u>87</u> |
| 23 | <u>88</u> |
| 24 | <u>160</u> |
| 25 | <u>370</u> |
| 26 | <u>444</u> |
| 27 | <u>521</u> |
| 28 | <u>663</u> |
| 29 | <u>698</u> |
| 30 | <u>696</u> |
| 31 | <u>700</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.