

CP&L CO
RUN DATE 10/07/85
RUN TIME 15:18:06

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

PAGE 1
RPD36

DOCKET NO. 050-0261
COMPLETED BY A. E. SCOTT
TELEPHONE (803)383-4524

OPERATING STATUS

- | | | | | |
|---|--|------------------------------|-------------------------|--|
| 1. UNIT NAME: ROBINSON UNIT 2 | | NOTES | There are presently 222 | |
| 2. REPORTING PERIOD: SEPTEMBER 85 | | Fuel Assemblies in the Spent | | |
| 3. LICENSED THERMAL POWER (MWT): 2300 | | Fuel Pool. | | |
| 4. NAMEPLATE RATING (GROSS MWE): 739.0 | | | | |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 700.0 | | | | |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0 | | | | |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 665.0 | | | | |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: | | | | |
| | | | | |
| 9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): 92% | | | | |
| 10. REASONS FOR RESTRICTION IF ANY: Core Peaking Factor limitations. (FQT) | | | | |

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	6551.00	127781.00
12. NUMBER OF HOURS REACTOR CRITICAL	687.97	5650.72	89848.02
13. REACTOR RESERVE SHUTDOWN HRS	32.03	873.60	2810.67
14. HOURS GENERATOR ON LINE	669.80	5507.48	87573.43
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1452278.88	11957539.92	174832774.08
17. GROSS ELEC. ENERGY GEN. (MWH)	479020.00	3920257.00	56265133.00
18. NET ELEC. ENERGY GENERATED (MWH)	454978.00	3720212.00	53129873.00
19. UNIT SERVICE FACTOR	93.03	84.07	68.53
20. UNIT AVAILABILITY FACTOR	93.03	84.07	68.55
21. UNIT CAP. FACTOR (USING MDC NET)	95.02	85.40	62.52
22. UNIT CAP. FACTOR (USING DER NET)	90.27	81.13	59.40
23. UNIT FORCED OUTAGE RATE	6.97	13.18	15.04
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling Outage beginning February 01, 1986 for 49 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP:
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORCAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

8510180242 851009
PDR ADOCK 05000261
R PDR

CP&L CO
RUN DATE 10/07/85
RUN TIME 15:17:59

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
ROBINSON UNIT 2

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DOCKET NO. 050-0261
COMPLETED BY A. E. SCOTT
TELEPHONE (803)383-4524

SEPTEMBER 1985

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	719	17	382
2	719	18	270
3	715	19	456
4	711	20	724
5	696	21	727
6	697	22	729
7	690	23	730
8	695	24	731
9	697	25	729
10	709	26	731
11	656	27	731
12	721	28	732
13	729	29	665
14	692	30	662
15	726		
16	730		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 10-01-85
 COMPLETED BY Anita E. Scott
 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
0901	850911	F	37.63	H	3		AB	TRANSF	Water from Deluge System inadvertently actuated "C" Main Transformer fault pressure signal causing the Reactor to trip. Unit was brought back on line and returned to full power.
0902	850917	F	12.58	A	3		EB	INSTRU	Reactor tripped due to a high voltage spike on instrument Buss #2. Reactor was returned to full power.

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)