

CP&L CO
RUN DATE 04/14/87
RUN TIME 14:20:19

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

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RPD36-000

Enclosure to Serial: RNPd/87-1640
Page 1 of 4

DOCKET NO. 050-0261
COMPLETED BY V. E. FRAZIER
TELEPHONE (803)383-4524

OPERATING STATUS

	NOTES
1. UNIT NAME: ROBINSON UNIT 2	
2. REPORTING PERIOD: MARCH 87	There are presently 318 Fuel
3. LICENSED THERMAL POWER (MWT): 2300	Assemblies in the Spent Fuel
4. NAMEPLATE RATING (GROSS MWE): 739.0	Pool.
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: N/A	

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None
10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	141000.00
12. NUMBER OF HOURS REACTOR CRITICAL	559.43	1975.43	101151.35
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	557.00	1973.00	98771.20
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1030092.72	4233072.72	198915087.84
17. GROSS ELEC. ENERGY GEN. (MWH)	349450.00	1429782.00	64344260.00
18. NET ELEC. ENERGY GENERATED (MWH)	327257.00	1357843.00	60754580.00
19. UNIT SERVICE FACTOR	74.87	91.34	70.05
20. UNIT AVAILABILITY FACTOR	74.87	91.34	70.07
21. UNIT CAP. FACTOR (USING MDC NET)	66.14	94.53	70.65
22. UNIT CAP. FACTOR (USING DER NET)	62.84	89.80	61.55
23. UNIT FORCED OUTAGE RATE	14.38	4.53	14.05
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): None			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: May 23, 1987
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

8705050313 870429
PDR ADOCK 05000261
R PDR

CP&L CO
RUN DATE 04/01/87
RUN TIME 14:06:06

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

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MARCH 1987

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	688	17	-10
2	677	18	-25
3	679	19	-24
4	679	20	-22
5	679	21	223
6	678	22	385
7	678	23	550
8	630	24	592
9	619	25	595
10	619	26	595
11	620	27	552
12	620	28	-7
13	621	29	-16
14	620	30	-15
15	620	31	-10
16	546		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 4-14-87
 COMPLETED BY Valerie E. Frazier
 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
0301	870317	F	93.34	A	1	87-001	EE	ENGINE	While performing weekly Surveillance Test (OST-401), "B" Emergency Generator tripped on a high crankcase pressure. This cause was contributed to water leakage into Lube Oil System. "B" Emergency Generator declared inoperable and was under a 7-day LCO limit that caused the Reactor shutdown. "B" Emergency Generator was repaired and returned to service.

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 C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 4-14-87
 COMPLETED BY Valerie E. Frazier
 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
0302	870327	S	7.34	C	4	---	ZZ	ZZZZZZ	Unit ramped down manually to 0 power off-line for Cycle #12 Refueling.
ZZZZ	870328	S	93:42	C	1	---	ZZ	ZZZZZZ	Cycle #12 Refueling commenced, and unit was taken subcritical. This outage will continue into April.

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