

CP&L CO
 RUN DATE 11/02/98
 RUN TIME 15:34:21

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

PAGE 1 of 1
 RPD36-000

DOCKET NO. 050-0261
 COMPLETED BY DARRYL GARDNER
 TELEPHONE (843)857-1144

OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),
UNIT NO. 2
2. REPORTING PERIOD: OCTOBER 1998
3. LICENSED THERMAL POWER (MWT): 2300
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): 683.0
8. IF CHANGES OCCUR IN CAPACITY RATING (ITEMS 3 THROUGH 7) SINCE LAST REPORT,
GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTION, IF ANY:

NOTES:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	745.00	7296.00	242568.00
12. NUMBER OF HOURS REACTOR CRITICAL	710.35	6322.20	177608.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	705.67	6288.40	174373.13
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1613352.48	14272815.60	363676859.28
17. GROSS ELEC. ENERGY GEN. (MWH)	528656.00	4658911.00	118177087.00
18. NET ELEC. ENERGY GENERATED (MWH)	503466.00	4435241.00	111824431.00
19. UNIT SERVICE FACTOR	94.72	86.19	71.89
20. UNIT AVAILABILITY FACTOR	94.72	86.19	71.90
21. UNIT CAP. FACTOR (USING MDC NET)	98.94	89.00	68.80
22. UNIT CAP. FACTOR (USING DER NET)	96.54	86.84	65.86
23. UNIT FORCED OUTAGE RATE	5.28	1.22	13.05

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH): N/A
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	9/20/70
INITIAL ELECTRICITY	9/70
COMMERCIAL OPERATION	3/7/71

9811230318 981116
 PDR ADDCK 05000261
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APPENDIX B - AVERAGE DAILY POWER LEVEL
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2PAGE 1 of 1
RPD39-000DOCKET NO. 050-0261
COMPLETED BY: DARRYL GARDNER
TELEPHONE (843)857-1144

OCTOBER 1998

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	709*	17	42
2	709*	18	58
3	712*	19	715*
4	713*	20	719*
5	713*	21	723*
6	712*	22	724*
7	714*	23	726*
8	716*	24	726*
9	717*	25	725*
10	718*	26	724*
11	717*	27	725*
12	717*	28	726*
13	718*	29	725*
14	718*	30	725*
15	719*	31	723*
16	719*		

* The maximum dependable capacity is 683 MWE. The Plant operated above the Max Dependable Capacity (MDC) due to the condenser water inlet temperature < 95° F.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: OCTOBER 1998

DOCKET NO. 050-0261
 UNIT NAME HBRSEP, UNIT NO. 2
 DATE 11/02/98
 COMPLETED BY DARRYL GARDNER
 TELEPHONE (843) 857-1144

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
98-006	981017	F	39.3	A	3	98-05 (Due November 16, 1998)	HE	INSTRU	During a Turbine Runback, the steam dump valves failed to open. A slow response by the "C" Feedwater Regulatory Valve caused a high steam generator level which caused a reactor trip. A root cause investigation has been conducted to determine the cause of the problem. The unit was returned to 100% power on 10/18/98.

1

2

3

4

F: Forced
 S: Scheduled

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)

Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

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

⁵ Exhibit 1 - Same Source

SUMMARY: During the reactor trip in October 17, 1998, Pressurizer Power Operated Relief Valve (PORV) 455-C opened and closed a total of five times in a period of eighteen (18) seconds. These challenges to the Pressurizer PORVs are being reported in accordance with Technical Specifications section 5.6.4, "Monthly Operating Report."