

CP&L CO
RUN DATE 05/05/92
RUN TIME 08:27:33

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
BRUNSWICK UNIT 1

PAGE 1
RPD39-000

DOCKET NO. 050-0325
COMPLETED BY RONALD RUMPLE
TELEPHONE (919)457-2752

APRIL 1992

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	778	17	772
2	778	18	772
3	779	19	770
4	779	20	770
5	778	21	215
6	756	22	-13
7	718	23	-12
8	778	24	-11
9	777	25	-11
10	774	26	-10
11	775	27	-7
12	774	28	-6
13	775	29	-8
14	761	30	-12
15	752		
16	774		

1.16 - 8

9205190031 920508
PDR ADOCK 05000324
R PDR

DOCKET NO. 050-0325
 COMPLETED BY RONALD RUMPLE
 TELEPHONE (919)457-2752

OPERATING STATUS

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. UNIT NAME: BRUNSWICK UNIT 1 2. REPORTING PERIOD: APRIL 92 3. LICENSED THERMAL POWER (MWT): 2436 4. NAMEPLATE RATING (GROSS MWE): 867.0 5. DESIGN ELECTRICAL RATING (NET MWE): 821.0 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 791.0 7. MAX DEPENDABLE CAPACITY (NET MWE): 767.0 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: | <p>NOTES - There are 560 fuel bundles in the Reactor Core, 1090 BWR and 160 PWR spent fuel bundles in the Fuel Pool, and 108 fuel bundles in the new fuel storage vault.</p> |
|---|--|

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2903.00	132551.00
12. NUMBER OF HOURS REACTOR CRITICAL	496.85	2517.88	87881.32
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	493.10	2487.31	84201.37
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1177149.25	5896708.27	183021943.70
17. GROSS ELEC. ENERGY GEN. (MWH)	384895.00	1935805.00	60019285.00
18. NET ELEC. ENERGY GENERATED (MWH)	371633.00	1874548.00	57767878.00
19. UNIT SERVICE FACTOR	68.58	85.68	63.52
20. UNIT AVAILABILITY FACTOR	68.58	85.68	63.52
21. UNIT CAP. FACTOR (USING MDC NET)	67.39	84.19	55.31
22. UNIT CAP. FACTOR (USING DER NET)	62.96	78.65	53.08
23. UNIT FORCED OUTAGE RATE	31.42	14.32	15.45
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling outage scheduled from 9/12/92 to 12/4/92.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 5/25/92
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

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

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE May 1992
 COMPLETED BY Ronald Rymple
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 1992

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT NO.	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-023	920421	F	225.9	A	1	1-92-12	NB	N/A	Diesel Generator wall 9D-1 was declared inoperable. As a result, busses E-5 and E-6 were declared inoperable. Because of Tech. Spec. 3.0.3, the Unit was taken to cold shutdown.

- 1: Type
 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 - Contingencies
 5 - Load reductions
 6 - Other
- 4: System Code:
 Instructions for preparation of data entry sheets for Licensee Event Report (LER) file from IEEE Standard 805-1983, per NUREG-1022, Section VI, Item 13.b
- 5: Component Code
 Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c

CP&L CO
RUN DATE 05/05/92
RUN TIME 08:27:33

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

PAGE 2
RPD39-000

DOCKET NO. 050-0324
COMPLETED BY RONALD RUMPLE
TELEPHONE (919)457-2752

APRIL 1992

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	594	17	582
2	596	18	581
3	585	19	584
4	583	20	579
5	582	21	171
6	582	22	-12
7	582	23	-11
8	577	24	-12
9	579	25	-12
10	578	26	-12
11	579	27	-11
12	579	28	-11
13	580	29	-10
14	582	30	-6
15	582		
16	582		

DOCKET NO. 050-0324
 COMPLETED BY RONALD RUMPLE
 TELEPHONE (919)457-2752

OPERATING STATUS

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. UNIT NAME: BRUNSWICK UNIT 2 2. REPORTING PERIOD: APRIL 92 3. LICENSED THERMAL POWER (MWT): 2436 4. NAMEPLATE RATING (GROSS MWE): 867.0 5. DESIGN ELECTRICAL RATING (NET MWE): 821.0 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 782.0 7. MAX DEPENDABLE CAPACITY (NET MWE): 754.0 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: | <p>NOTES - There are 560 fuel bundles in the Reactor Core, 1113 BWR and 141 PWR spent fuel bundles in the fuel pool, and 3 fuel bundles in the new fuel storage vault.</p> |
|---|--|

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2903.00	144575.00
12. NUMBER OF HOURS REACTOR CRITICAL	493.83	2378.33	92091.38
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	492.15	2201.18	87154.67
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	931085.97	4196154.21	184126854.86
17. GROSS ELEC. ENERGY GEN. (MWH)	292570.00	1366375.00	59550469.00
18. NET ELEC. ENERGY GENERATED (MWH)	280694.00	1315104.00	57105576.00
19. UNIT SERVICE FACTOR	68.45	75.82	60.28
20. UNIT AVAILABILITY FACTOR	68.45	75.82	60.28
21. UNIT CAP. FACTOR (USING MDC NET)	51.78	60.08	50.18
22. UNIT CAP. FACTOR (USING DER NET)	47.55	55.18	48.11
23. UNIT FORCED OUTAGE RATE	29.99	18.45	13.51
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 6/15/92
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

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

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE May 1992
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 1992

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT NO.	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-017	920214	F	0	H	6	N/A	TG	XC	Reactor power being maintained at approximately 80% due to continuing electrohydraulic control (EHC) system oscillations. The unit remained at this power level until the forced shutdown which began on 4/21/92 as referenced in event # 92-024.

- 1: Type
 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 - Continuations
 5 - Load reductions
 6 - Other
- 4: System Code:
 Instructions for preparation of data entry sheets for Licensee Event Report (LER) file from IEEE Standard 805-1983, per NUREG-1022, Section VI, Item 13.b
- 5: Component Code
 Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE May 1992
 COMPLETED BY Ronald Ruple
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 1992

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT NO.	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-024	920421	F	210.85	A	1	1-92-12	NB	N/A	Diesel Generator wall 90-1 was declared inoperable. As a result, Lusses E-5 and E-6 were declared inoperable. Because of Tech. Spec. 3.0.3, the Unit was taken to cold shutdown. Since repairs to the wall will take several weeks, this event was closed out on 4/30/92 at 0800 hours and the planned outage to make repairs to the EHC System, Main Turbine, 2B Reactor Feedpump and the 4A Feedwater Heater was commenced at that time.

1: Type

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 - Continuations
 5 - Load reductions
 6 - Other

4: System Code:

Instructions for preparation of data entry sheets for Licensee Event Report (LER) file from IEEE Standard 805-1983, per NUREG-1022, Section VI, Item 13.b

5: Component Code

Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE May 1992
 COMPLETED BY Ronald Rumpie
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 1992

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT NO.	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-025	920430	S	16.0	B	6	N/A	TG	XC	The Reactor was already in cold shutdown due to the inoperability of busses E-5 and E-6 as referenced in event # 92-024. This event is being opened to commence the planned outage to commence the repair of the EHC System, Main Turbine, Reactor Feedpump and the 4A Feedwater Heater.

- 1: Type
 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 - Continuations
 5 - Load reductions
 6 - Other
- 4: System Code:
 Instructions for preparation of data entry sheets for Licensee Event Report (LER) file from IEEE Standard 805-1983, per NUREG-1022, Section VI Item 13.b
- 5: Component Code
 Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c

The following pages are the corrected copies for the
months of February and March 1992.