

CPAL CD
RUN DATE 04/03/91
RUN TIME 12:51:49

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

MARCH 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	441	17	772
2	498	18	781
3	412	19	782
4	767	20	782
5	304	21	781
6	-13	22	781
7	-13	23	773
8	-14	24	781
9	512	25	782
10	776	26	780
11	781	27	780
12	782	28	706
13	782	29	-11
14	782	30	-12
15	782	31	-7
16	781		

1.16 - 8

9104160199 910404
PDR ADOCK 05000324
R PDR

OPAL CO
RUN DATE: 04/03/91
RUN TIME 12:51:50

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 1

PAGE 1
RPD36-000

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

OPERATING STATUS

- | | | |
|---|------------------------------------|--|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | NOTES - There are 560 fuel | |
| 2. REPORTING PERIOD: MARCH 91 | bundles in the Reactor Core. There | |
| 3. LICENSED THERMAL POWER (MWT): 2436 | are 1090 BWR and 160 PWR spent | |
| 4. NAMEPLATE RATING (GROSS MWE): 867.0 | fuel bundles in the Fuel Pool. | |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 821.0 | There are no fuel bundles in the | |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0 | new Fuel Storage Vault. | |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0 | | |
| 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):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	123048.00
12. NUMBER OF HOURS REACTOR CRITICAL	587.37	731.99	80034.15
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	585.19	633.74	76496.98
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1332400.41	1371553.75	164569196.93
17. GROSS ELEC. ENERGY GEN. (MWH)	437285.00	448040.00	53981515.00
18. NET ELEC. ENERGY GENERATED (MWH)	422651.00	425077.00	51927471.00
19. UNIT SERVICE FACTOR	78.65	29.34	62.17
20. UNIT AVAILABILITY FACTOR	78.65	29.34	62.17
21. UNIT CAP. FACTOR (USING HDC NET)	71.91	24.91	53.42
22. UNIT CAP. FACTOR (USING DER NET)	69.19	23.97	51.40
23. UNIT FORCED OUTAGE RATE	21.35	20.04	15.08
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:
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 April 1991
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH MARCH 1991

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NO.	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-007	910305	F	27.23	H	3	1-91-007	*	RV	Reactor scrammed because of main generator trip due to main generator 'B' phase overcurrent relay out of calibration.

- 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 - Continuations
 5 - Load reductions
 6 - Other
- 4: EXHIBIT G - Instructions for preparation of data entry sheets for licensee Event Report (LER) file (NUREG-0161)
- 5: EXHIBIT I - Same source

*No EIIIS System identifier found.

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE April 1991
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH March 1991

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NO.	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-013	910329	F	71.58 (in progress)	A	1	1-91-009	EK	N/A	Forced shutdown because of damage to Emergency Diesel Generator No. 1.

- 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 - Continuations
 5 - Load reductions
 6 - Other
- 4: EXHIBIT 6 - Instructions for preparation of data entry sheets for Licensee Event Report (LER) file (NUREG-0161)
- 5: EXHIBIT 1 - Same source

CP&L CO
RUN DATE 04/03/91
RUN TIME 12:51:49

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

MARCH 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	773	17	763
2	773	18	773
3	757	19	772
4	773	20	772
5	775	21	771
6	774	22	771
7	774	23	760
8	774	24	690
9	773	25	770
10	766	26	770
11	773	27	769
12	773	28	770
13	773	29	114
14	773	30	-15
15	773	31	-11
16	773		

CP&L CO
RUN DATE 04/03/91
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PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 2

PAGE 2
RPD36-000

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

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2 | NOTES - There are 560 fuel |
2. REPORTING PERIOD: MARCH 91 | bundles in the Reactor Core. There |
3. LICENSED THERMAL POWER (MWT): 2436 | are 1072 BWR and 144 PWR spent fuel |
4. NAMEPLATE RATING (GROSS MWE): 867.0 | bundles in the Fuel Pool. There |
5. DESIGN ELECTRICAL RATING (NET MWE): 821.0 | are no fuel bundles in the new |
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0 | Fuel Storage Vault. |
7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0 |
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):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	135072.00
12. NUMBER OF HOURS REACTOR CRITICAL	682.62	1963.32	86440.13
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	678.42	1941.00	81933.26
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1636921.84	4626618.80	172749368.76
17. GROSS ELEC. ENERGY GEN. (MWH)	535190.00	1512275.00	55899414.00
18. NET ELEC. ENERGY GENERATED (MWH)	518112.00	1464470.00	53613776.00
19. UNIT SERVICE FACTOR	91.19	89.86	60.66
20. UNIT AVAILABILITY FACTOR	91.19	89.86	60.66
21. UNIT CAP. FACTOR (USING MDC NET)	88.15	85.82	50.24
22. UNIT CAP. FACTOR (USING DER NET)	84.82	82.58	48.35
23. UNIT FORCED OUTAGE RATE	8.81	10.14	12.96
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

4/10/91

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

DOCKET NO. U50-0324
 UNIT NAME Brunswick 2
 DATE April 1991
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH March 1991

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR	LICENSEE EVENT REPORT NO.	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
91-019	910329	F	65.58 (in progress)	A	1	1-91-009	EK	N/A	Forced shutdown because of damage to Emergency Diesel Generator No. 1.

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 - Continuations
 5 - Load reductions
 6 - Other

4: EXHIBIT G - Instructions for preparation of data entry sheets for Licensee Event Report (LER) file (NUREG-0161)

5: EXHIBIT I - Same source