

DOCKET NO.: 050-0325  
UNIT: Brunswick 1  
DATE: May 1988  
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY  
BRUNSWICK UNIT 1

Brunswick Unit 1 had a 94.57 percent capacity factor and a 100.0 percent availability factor for the month of March 1988. There were eight power reductions.

There are 1016 BWR and 160 PWR spent fuel bundles in the Brunswick Unit 1 fuel pool.

NOTE: An error was discovered in the March 1988 Unit 1 report Operations Summary. The correct date Unit 1 synchronized to grid following the dual unit maintenance outage was February 23, 1988.

DOCKET NO. 050-0325  
 COMPLETED BY FRANCES HARRISON  
 TELEPHONE (919)457-2756

OPERATING STATUS

- | 1. UNIT NAME: BRUNSWICK UNIT 1                | NOTES |
|---|-------|
| 2. REPORTING PERIOD: APRIL 88                 |       |
| 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): 815.0 |       |
| 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 | CUMULATIVE   |
|---|------------|------------|--------------|
| 11. HOURS IN REPORTING PERIOD   | 719.00     | 2903.00    | 97487.00     |
| 12. NUMBER OF HOURS REACTOR CRITICAL  | 719.00     | 2249.85    | 63193.74     |
| 13. REACTOR RESERVE SHUTDOWN HRS  | .00        | .00        | 1647.10      |
| 14. HOURS GENERATOR ON LINE   | 719.00     | 2180.55    | 60048.18     |
| 15. UNIT RESERVE SHUTDOWN HOURS   | .00        | .00        | .00          |
| 16. GROSS THERMAL ENERGY GEN. (MWH)   | 1669936.46 | 5108689.55 | 127088125.31 |
| 17. GROSS ELEC. ENERGY GEN. (MWH)   | 553025.00  | 1684420.00 | 41793970.00  |
| 18. NET ELEC. ENERGY GENERATED (MWH)  | 537142.00  | 1631013.00 | 40175984.00  |
| 19. UNIT SERVICE FACTOR   | 100.00     | 75.11      | 61.60        |
| 20. UNIT AVAILABILITY FACTOR  | 100.00     | 75.11      | 61.60        |
| 21. UNIT CAP. FACTOR (USING MDC NET)  | 94.57      | 71.12      | 52.17        |
| 22. UNIT CAP. FACTOR (USING DER NET)  | 90.97      | 68.43      | 50.20        |
| 23. UNIT FORCED OUTAGE RATE   | .00        | .00        | 16.59        |
| 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 | ----- | ----- |

CP&L CO  
RUN DATE 05/04/88  
RUN TIME 12:02:51

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

PAGE 1  
RPD39-000

DOCKET NO. 050-0325  
COMPLETED BY FRANCES HARRISON  
TELEPHONE (919)457-2756

APRIL 1988

| DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) | DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | 782                                 | 17  | 780                                 |
| 2   | 784                                 | 18  | 778                                 |
| 3   | 771                                 | 19  | 776                                 |
| 4   | 782                                 | 20  | 779                                 |
| 5   | 779                                 | 21  | 778                                 |
| 6   | 781                                 | 22  | 776                                 |
| 7   | 781                                 | 23  | 716                                 |
| 8   | 782                                 | 24  | 777                                 |
| 9   | 234                                 | 25  | 777                                 |
| 10  | 719                                 | 26  | 593                                 |
| 11  | 777                                 | 27  | 742                                 |
| 12  | 773                                 | 28  | 772                                 |
| 13  | 776                                 | 29  | 779                                 |
| 14  | 781                                 | 30  | 770                                 |
| 15  | 780                                 |     |                                     |
| 16  | 737                                 |     |                                     |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| No.   | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence              |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 88020 | 880408 | S                 | .00              | A                   | 5  | N/A                     |                          |                             | Reduce power to make drywell entry to add oil to recirc pump |

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Fueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reductions  
 6-Other

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

### UNIT SHUTDOWNS AND POWER REDUCTIONS

LOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| No.   | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 88021 | 880423 | S                 | .00              | B                   | 5  | N/A                     |                          |                             | Reduce power for control rod pattern change     |

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reductions  
 6-Other

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| 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 |
|-------|--------|--------|------------------|----------|-----------------------------------|---------------------------|---------------|------------------|---|
| 88022 | 880410 | S      | .00              | B        | 5                                 | N/A                       |               |                  | Reduce power for control rod pattern change.    |

1  
 F - Forced  
 S - Sched

2  
 A - Equip failure  
 B - Maint or test  
 C - Refueling  
 D - Regulatory restriction  
 E - Operator Training & License Examination

F - Admin  
 G - Oper error  
 H - Other

3  
 1 - Manual  
 2 - Manual scram  
 3 - Auto scram  
 4 - Continuations  
 5 - Load Reductions  
 6 - Other

4  
 Exhibit G  
 Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0151)

5  
 Exhibit 1 - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| No.   | Date   | Type 1 | Duration<br>(Hours) | Reason 2 | Method of<br>Shutting<br>Down Reactor 3 | Licensee<br>Event<br>Report No. | System<br>Code 4 | Component<br>Code 5 | Cause & Corrective<br>Action to Prevent Recurrence |
|-------|--------|--------|---------------------|----------|---|---------------------------------|------------------|---------------------|--|
| 88023 | 880413 | S      | .00                 | B        | 5                                       | N/A                             |                  |                     | Reduce power for control rod pattern change.       |

1  
 F - Forced  
 S - Sched

2  
 A - Equip failure  
 B - Maint or test  
 C - Refueling  
 D - Regulatory restriction  
 E - Operator Training &  
 License Examination

F - Admin  
 G - Oper error  
 H - Other

3  
 1 - Manual  
 2 - Manual scram  
 3 - Auto scram  
 4 - Continuations  
 5 - Load Reductions  
 6 - Other

4  
 Exhibit G  
 Instructions for Preparation  
 of Data Entry Sheet Licensee  
 Event Report (LER) File  
 (NUREG-0161)  
 5  
 Exhibit 1 - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| 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          |
|-------|--------|--------|------------------|----------|-----------------------------------|---------------------------|---------------|------------------|--|
| 88026 | 880426 | F      | .00              | A        | 5                                 | N/A                       |               |                  | 1B reactor recirculation pump MG set field breaker trip. |

1  
 F - Forced  
 S - Sched

2  
 A - Equip failure  
 B - Maint or test  
 C - Refueling  
 D - Regulatory restriction  
 E - Operator Training & License Examination

F - Admin  
 G - Oper error  
 H - Other

3  
 1 - Manual  
 2 - Manual scram  
 3 - Auto scram  
 4 - Continuations  
 5 - Load Reductions  
 6 - Other

4  
 Exhibit G  
 Instructions for Preparation  
 of Data Entry Sheet Licensee  
 Event Report (LER) File  
 (NUREG-0161)

5  
 Exhibit 1 - Same Source



**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**DOCKET NO.** 050-0325  
**UNIT NAME** Brunswick 1  
**DATE** May 1988  
**COMPLETED BY** Frances Harrison  
**TELEPHONE** 919-457-2756

REPORT MONTH April 1988

| No.   | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence   |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 88027 | 880426 | F                 | .00              | A                   | 5  | N/A                     |                          |                             | 1B reactor feed pump became steam bound following reactor recirculation pump trip (Event No. 88026) |

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reductions  
 6-Other

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| No.   | Date   | Type | 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 |
|-------|--------|------|------------------|----------|-----------------------------------|---------------------------|---------------|------------------|---|
| 88028 | 880427 | S    | .00              | B        | 5                                 | N/A                       |               |                  | Reduce power for control rod pattern change.    |

- |                                   |   |   |   |  |
|-----------------------------------|---|---|---|--|
| <p>1 F - Forced<br/>S - Sched</p> | <p>2 A - Equip failure<br/>B - Maint or test<br/>C - Refueling<br/>D - Regulatory restriction<br/>E - Operator Training &amp; License Examination</p> | <p>3 F - Admin<br/>G - Oper error<br/>H - Other</p> | <p>1 - Manual<br/>2 - Manual scram<br/>3 - Auto scram<br/>4 - Continuations<br/>5 - Load Reductions<br/>6 - Other</p> | <p>4 Exhibit G<br/>Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161)</p> <p>5 Exhibit 1 - Same Source</p> |
|-----------------------------------|---|---|---|--|

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| No.   | Date   | Type <sup>1</sup> | Duration (Hours) | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Licensee Event Report # | System Code <sup>4</sup> | Component Code <sup>5</sup> | Cause & Corrective Action to Prevent Recurrence   |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 88029 | 880428 | S                 | .00              | A                   | 5  | N/A                     |                          |                             | 1C circulating water intake pump traveling screen chain drive had a cracked sidebar. Power reduced to change out sidebar. |

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reductions  
 6-Other

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

DOCKET NO.: 050-0324  
UNIT: Brunswick 2  
DATE: May 1988  
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY  
BRUNSWICK UNIT 2

Brunswick Unit 2 synchronized to grid on April 28 following the refueling/maintenance outage. For the month of April, Unit 2 had a 0.16% capacity factor and a 6.25% availability factor. There were two off-line outages since synchronizing on April 28. See attached shutdown/power reduction forms for details.

There are 940 BWR and 144 PWR spent fuel bundles in the Brunswick Unit 2 fuel pool.

DOCKET NO. 050-0324  
 COMPLETED BY FRANCES HARRISON  
 TELEPHONE (919)457-2756

OPERATING STATUS

- | 1. UNIT NAME: BRUNSWICK UNIT 2                | NOTES |
|---|-------|
| 2. REPORTING PERIOD: APRIL 88                 |       |
| 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): 815.0 |       |
| 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 | CUMULATIVE   |
|---|------------|------------|--------------|
| 11. HOURS IN REPORTING PERIOD   | 719.00     | 2903.00    | 109511.00    |
| 12. NUMBER OF HOURS REACTOR CRITICAL  | 124.24     | 148.52     | 67273.02     |
| 13. REACTOR RESERVE SHUTDOWN HRS  | .00        | .00        | .00          |
| 14. HOURS GENERATOR ON LINE   | 44.94      | 69.22      | 63315.40     |
| 15. UNIT RESERVE SHUTDOWN HOURS   | .00        | .00        | .00          |
| 16. GROSS THERMAL ENERGY GEN. (MWH)   | 29407.39   | 67122.52   | 129352909.61 |
| 17. GROSS ELEC. ENERGY GEN. (MWH)   | 10140.00   | 22050.00   | 41763721.00  |
| 18. NET ELEC. ENERGY GENERATED (MWH)  | 928.00     | -554.00    | 39992033.00  |
| 19. UNIT SERVICE FACTOR   | 6.25       | 2.38       | 57.82        |
| 20. UNIT AVAILABILITY FACTOR  | 6.25       | 2.38       | 57.82        |
| 21. UNIT CAP. FACTOR (USING MDC NET)  | .16        | -.02       | 46.23        |
| 22. UNIT CAP. FACTOR (USING DER NET)  | .16        | -.02       | 44.48        |
| 23. UNIT FORCED OUTAGE RATE   | 18.17      | 12.60      | 13.77        |
| 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 | ----- | ----- |

CP&L CO  
RUN DATE 05/04/88  
RUN TIME 12:02:51

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

PAGE 2  
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DOCKET NO. 050-0324  
COMPLETED BY FRANCES HARRISON  
TELEPHONE (919)457-2756

APRIL 1988

| DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) | DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | -9                                  | 17  | -13                                 |
| 2   | -10                                 | 18  | -13                                 |
| 3   | -9                                  | 19  | -16                                 |
| 4   | -9                                  | 20  | -15                                 |
| 5   | -8                                  | 21  | -18                                 |
| 6   | -10                                 | 22  | -15                                 |
| 7   | -10                                 | 23  | -16                                 |
| 8   | -6                                  | 24  | -17                                 |
| 9   | -9                                  | 25  | -17                                 |
| 10  | -9                                  | 26  | -15                                 |
| 11  | -10                                 | 27  | -14                                 |
| 12  | -12                                 | 28  | -14                                 |
| 13  | -13                                 | 29  | 149                                 |
| 14  | -14                                 | 30  | 238                                 |
| 15  | -13                                 |     |                                     |
| 16  | -14                                 |     |                                     |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324  
 UNIT NAME Brunswick 2  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| 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  |
|-------|--------|--------|------------------|----------|-----------------------------------|---------------------------|---------------|------------------|--|
| 88002 | 880102 | S      | 2822.9           | C        | 2                                 | N/A                       | RC            | FuelXX           | Complete refueling and Appendix R modifications. |

1  
 F - Forced  
 S - Sched

2  
 A - Equip failure  
 B - Maint or test  
 C - Refueling  
 D - Regulatory restriction  
 E - Operator Training & License Examination

F - Admin  
 G - Oper error  
 H - Other

3  
 1 - Manual  
 2 - Manual scram  
 3 - Auto scram  
 4 - Continuations  
 5 - Load Reductions  
 6 - Other

4  
 Exhibit G  
 Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-6161)

5  
 Exhibit 1 - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324  
 UNIT NAME Brunswick 2  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| 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                                    |
|-------|--------|--------|------------------|----------|-----------------------------------|---------------------------|---------------|------------------|--|
| 88003 | 880428 | F      | 10               | A        | 5                                 | N/A                       |               |                  | Turbine trip caused by LP turbine No. 5 bearing vibration. Turbine shot performed. |

- 1 F - Forced  
 S - Sched
- 2 A - Equip failure  
 B - Maint or test  
 C - Refueling  
 D - Regulatory restriction  
 E - Operator Training & License Examination
- 3 F - Admin  
 G - Oper error  
 H - Other
- 4 Exhibit G  
 Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161)
- 5 Exhibit 1 - Same Source



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324  
 UNIT NAME Brunswick 2  
 DATE May 1988  
 COMPLETED BY Frances Harrison  
 TELEPHONE 919-457-2756

REPORT MONTH April 1988

| 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 |
|-------|--------|--------|------------------|----------|-----------------------------------|---------------------------|---------------|------------------|---|
| 88005 | 880429 | S      | 0.9              | B        | 2                                 | N/A                       |               |                  | Perform turbine overspeed testing.              |

1  
 F - Forced  
 S - Sched

2  
 A - Equip failure  
 B - Maint or test  
 C - Refueling  
 D - Regulatory restriction  
 E - Operator Training & License Examination

F - Admin  
 G - Oper error  
 H - Other

3  
 1 - Manual  
 2 - Manual scram  
 3 - Auto scram  
 4 - Continuations  
 5 - Load Reductions  
 6 - Other

4  
 Exhibit G  
 Instructions for Preparation  
 of Data Entry Sheet Licensee  
 Event Report (LER) File  
 (NUREG-0161)

5  
 Exhibit 1 - Same Source



Carolina Power & Light Company

Brunswick Steam Electric Plant  
P. O. Box 10429  
Southport, NC 28461-0429

May 4, 1988

FILE: B09-13510C  
SERIAL: BSEP/88-0471

U.S. Nuclear Regulatory Commission  
Washington, DC 20555  
Attn: Document Control Desk

BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2  
DOCKET NOS. 50-325 AND 50-324  
LICENSE NOS. DPR-71 AND DPR-62  
MONTHLY OPERATING REPORT

Dear Mr. Scroggins:

In accordance with Technical Specification 6.9.1.6 for the Brunswick Steam Electric Plant, Units 1 and 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of April 1988.

Very truly yours,

C. R. Dietz, General Manager  
Brunswick Steam Electric Plant

MW/srg  
MSC/85-0014

Enclosures

cc: Mr. M. R. Beebe  
Mr. T. C. Bell  
Dr. J. N. Grace  
Mr. M. D. Hill  
Mr. P. W. Howe  
Mr. L. S. Mull  
Mr. R. G. Oehl  
Mr. W. H. Ruland  
Mr. R. M. Scroggins  
Ms. H. M. Shaver  
Ms. D. J. Vicks  
INPO

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