

NRC 2001-070

October 23, 2001

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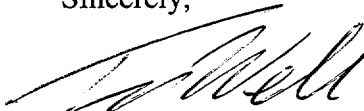
Ladies/Gentlemen:

DOCKETS 50-266 AND 50-301
MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Attached is the revised monthly operating reports for Units 1 and 2 of the Point Beach Nuclear Plant for the calendar month of September 2001.

The revisions are to the unit shutdowns and power reductions page only. Unit 1 outage for repair of 1P-1B RCP seal was a scheduled outage not a forced outage. Unit 2 load reduction to 360MWe for turbine stop valve testing was a scheduled reduction not a forced reduction.

Sincerely,



T. J. Webb
Licensing Director

KML

Attachments

cc: J. D. Loock, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector
NRC Project Manager

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 10/03/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: September - 2001
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 537.7
5. DESIGN ELECTRICAL RATING (NET MWE): 515.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 530.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 510.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): na
10. REASONS FOR RESTRICTIONS, (IF ANY):

NOTES

| | THIS MONTH | YEAR TO DATE | CUMULATIVE |
|---|------------|--------------|---------------|
| 11. HOURS IN REPORTING PERIOD | 720.0 | 6,551.0 | 270,886.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 473.6 | 5,471.4 | 221,400.8 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 667.3 |
| 14. HOURS GENERATOR ONLINE | 453.5 | 5,403.9 | 217,885.0 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 846.9 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 630,434.0 | 7,894,585.0 | 310,727,540.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED | 217,640.0 | 2,731,740.0 | 105,397,580.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 205,459.0 | 2,606,655.0 | 100,480,079.5 |
| 19. UNIT SERVICE FACTOR | 63.0% | 82.5% | 80.4% |
| 20. UNIT AVAILABILITY FACTOR | 63.0% | 82.5% | 80.7% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 56.0% | 78.0% | 75.9% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 55.4% | 77.3% | 74.4% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 4.5% |

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED MAY 15, 1997

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVELMONTH SEPTEMBER - 2001

DOCKET NO. 50-266
UNIT NAME: Point Beach, Unit 1
DATE: 10/03/01
COMPLETED BY: Kim M. Locke
TELEPHONE: 920-755-6420

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL MWe NET</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL MWe NET</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL MWe NET</u> |
|------------|--|------------|--|------------|--|
| 1 | <u>414</u> | 11 | <u>0</u> | 21 | <u>503</u> |
| 2 | <u>357</u> | 12 | <u>0</u> | 22 | <u>504</u> |
| 3 | <u>360</u> | 13 | <u>0</u> | 23 | <u>503</u> |
| 4 | <u>352</u> | 14 | <u>0</u> | 24 | <u>505</u> |
| 5 | <u>335</u> | 15 | <u>0</u> | 25 | <u>506</u> |
| 6 | <u>0</u> | 16 | <u>0</u> | 26 | <u>507</u> |
| 7 | <u>0</u> | 17 | <u>261</u> | 27 | <u>505</u> |
| 8 | <u>0</u> | 18 | <u>502</u> | 28 | <u>506</u> |
| 9 | <u>0</u> | 19 | <u>505</u> | 29 | <u>499</u> |
| 10 | <u>0</u> | 20 | <u>505</u> | 30 | <u>509</u> |

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August - 2001

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date 10/19/2001
Completed By K.M. Locke
Telephone No. 920/755-6420

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Reactor Shut Down ³ | Licensee Event Report No. | System Code ⁴ | Component Code ⁵ | Cause and Corrective Action To Prevent Recurrence |
|-----|----------|-------------------|---------------------|---------------------|--|------------------------------|-----------------------------|--------------------------------|--|
| 1 | 09/01/01 | F | 0 | A | 5 | N/A | HH | PUMPB | Reduced load to 56% power for repairs of 1P-28B. (main feed pump) bearing degradation. |
| 2 | 09/01/01 | F | 0 | A | 5 | N/A | CB | PUMPB | Reduced load to 71% power in AOP-1B, Reactor Coolant Pump Malfunction due to #2 seal problems on 1P-1B, RCP. |
| 3 | 09/06/01 | S | 266.5 | A | 1 | N/A | CB | PUMPB | Unit 1 outage for repair of 1P-1B RCP seal. |
| 4 | 09/16/01 | N/A | 0 | H | N/A | N/A | HA | TURBIN | Performed a manual turbine trip due to generator hot gas delta T exceeding administrative limits. |

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Testing
C - Refueling
D - Regulatory Restriction
E - Operator Training &
Licensing Exam
F - Administrative
G - Operational Error (explain)
H - Other (explain)

³Method:
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continuation of
Previous Shutdown
5 - Reduced Load
6 - Other (explain)

⁴Exhibit G - Instructions
for preparation of
data entry sheets
LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 10/10/2001
COMPLETED BY K. M. Locke
TELEPHONE 920/755-6420

The daily power average for Unit 1 during September 2001 was 285.4 MWe.

There were no Licensee Event Reports (LER) submitted to the NRC during September 2001:

Major safety-related maintenance that was performed during September 2001 included:

Replaced HX-55B1/B2 EDG coolant HX high side isolation valve.

Sealed conduits and installed junction box cover to the embedded electrical box above 1P-29 turbine driven auxiliary feedwater pump.

T-1 LT-427 variable leg root, replaced packing gland follower.

Replaced breakers 1SI-825A and B.

Performed actuator refurbishment with unit at power of P-15A/B, safety injection pump suction valve from boric acid storage tank.

Replaced the mechanical seal on the containment spray pump P-14A.

Rebuilt MS-2020 "B" steam generator steam trap.

Performed flush of the upper oil reservoir on the P-001B-M reactor coolant pump motor while on the stand.

RC-00434, T-1 pressurizer safety to T-2 pressurizer relief tank, repaired the clips on the insulation.

Removed and replaced the contractor electrical interlock power 1SI-857B RHR HX B, to outlet to 1P-15B safety injection pump.

Replaced seals for 1P-001B reactor coolant pump.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 10/03/01

COMPLETED BY: Kim M. Locke

TELEPHONE: 920-755-6,420

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: September - 2001
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 537.7
5. DESIGN ELECTRICAL RATING (NET MWE): 515.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 532.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 512.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): na
10. REASONS FOR RESTRICTIONS, (IF ANY):

na

NOTES

| | THIS MONTH | YEAR TO DATE | CUMULATIVE |
|---|-------------|--------------|---------------|
| 11. HOURS IN REPORTING PERIOD | 720.0 | 6,551.0 | 255,671.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 720.0 | 6,470.9 | 215,572.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 233.9 |
| 14. HOURS GENERATOR ONLINE | 720.0 | 6,447.2 | 212,645.2 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 302.2 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1,085,615.0 | 9,663,863.0 | 306,724,526.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED | 380,000.0 | 3,365,530.0 | 104,556,640.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 363,544.0 | 3,221,860.0 | 99,662,393.5 |
| 19. UNIT SERVICE FACTOR | 100.0% | 98.4% | 83.2% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 98.4% | 83.3% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 98.6% | 96.1% | 79.5% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 98.0% | 95.5% | 78.2% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 1.6% | 2.2% |

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED MAY 15, 1997

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVELMONTH SEPTEMBER - 2001

DOCKET NO. 50-301
UNIT NAME: Point Beach, Unit 2
DATE: 10/03/01
COMPLETED BY: Kim M. Locke
TELEPHONE: 920-755-6420

| <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL MWe NET</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL MWe NET</u> | <u>DAY</u> | <u>AVERAGE DAILY POWER LEVEL MWe NET</u> |
|------------|--|------------|--|------------|--|
| 1 | <u>503</u> | 11 | <u>513</u> | 21 | <u>504</u> |
| 2 | <u>503</u> | 12 | <u>514</u> | 22 | <u>506</u> |
| 3 | <u>417</u> | 13 | <u>512</u> | 23 | <u>503</u> |
| 4 | <u>507</u> | 14 | <u>511</u> | 24 | <u>506</u> |
| 5 | <u>504</u> | 15 | <u>510</u> | 25 | <u>507</u> |
| 6 | <u>508</u> | 16 | <u>510</u> | 26 | <u>508</u> |
| 7 | <u>511</u> | 17 | <u>509</u> | 27 | <u>510</u> |
| 8 | <u>513</u> | 18 | <u>505</u> | 28 | <u>508</u> |
| 9 | <u>513</u> | 19 | <u>506</u> | 29 | <u>505</u> |
| 10 | <u>513</u> | 20 | <u>506</u> | 30 | <u>503</u> |

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August - 2001

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date 10/18/2001
Completed By K.M. Locke
Telephone No. 920/755-6420

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Reactor Shut Down ³ | Licensee Event Report No. | System Code ⁴ | Component Code ⁵ | Cause and Corrective Action To Prevent Recurrence |
|-----|----------|-------------------|---------------------|---------------------|--|------------------------------|-----------------------------|--------------------------------|---|
| 1 | 09/03/01 | S | 0 | B | 5 | N/A | HA | VALVEE | Reduced load to 360 MWe for turbine stop valve testing. |

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Testing
C - Refueling
D - Regulatory Restriction
E - Operator Training &
Licensing Exam
F - Administrative
G - Operational Error (explain)
H - Other (explain)

³Method:
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continuation of
Previous Shutdown
5 - Reduced Load
6 - Other (explain)

⁴Exhibit G - Instructions
for preparation of
data entry sheets
LER file (NUREG-0161)

⁵Exhibit I - Same Source

| | |
|--------------|--------------------|
| DOCKET NO. | 50-301 |
| UNIT NAME | Point Beach Unit 2 |
| DATE | 10/10/2001 |
| COMPLETED BY | K.M. Locke |
| TELEPHONE | 920/755-6420 |

The daily power average for Unit 2 during September 2001 was 504.9 MWe.

There were no Licensee Event Report (LER) submitted to the NRC during September 2001:

Major safety-related maintenance that was performed during September 2001 included:

Replaced HX-55B1/B2 EDG coolant HX DPI-2841 high side isolation valve.

Sealed conduits and installed junction box cover to the embedded electrical box above 1P-29 turbine driven auxiliary feedwater pump.