



**Wisconsin
Electric**
POWER COMPANY

Point Beach Nuclear Plant
6610 Nuclear Rd., Two Rivers, WI 54241

(414) 755-2321

PBL 96-0163

August 5, 1996

Document Control Desk
U. S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

Gentlemen:

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

Attached are monthly operating reports for Units 1 and 2 of the Point Beach Nuclear Plant for the calendar month of July 1996.

Sincerely,

S. A. Parnell
PBNP Manager

smb

Attachments

cc: L. L. Smith, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 08/05/96

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: July - 1996
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0

NOTES

8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

NA

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA

10. REASONS FOR RESTRICTIONS, (IF ANY):

NA

| | THIS MONTH | YEAR TO DATE | CUMULATIVE |
|---|-------------|--------------|---------------|
| 11. HOURS IN REPORTING PERIOD | 744.0 | 5,111.0 | 225,599.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 4,546.5 | 189,200.9 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 667.3 |
| 14. HOURS GENERATOR ON LINE | 744.0 | 4,500.6 | 185,982.0 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 846.9 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1,128,942.0 | 6,759,093.0 | 263,975,242.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED | 384,840.0 | 2,305,770.0 | 89,212,140.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 368,276.0 | 2,204,887.5 | 85,057,972.0 |
| 19. UNIT SERVICE FACTOR | 100.0% | 88.1% | 82.4% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 88.1% | 82.8% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 102.1% | 88.9% | 77.4% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 99.6% | 86.8% | 75.9% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 0.0% | 1.5% |

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

None

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

NA

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVELMONTH JULY - 1996DOCKET NO. 50-266UNIT NAME Point Beach, Unit 1DATE 8/1/96COMPLETED BY Brian J. Vander VeldeTELEPHONE (414) 755-6681

| <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>496</u> | 11 | <u>496</u> | 21 | <u>487</u> |
| 2 | <u>497</u> | 12 | <u>496</u> | 22 | <u>496</u> |
| 3 | <u>496</u> | 13 | <u>496</u> | 23 | <u>496</u> |
| 4 | <u>496</u> | 14 | <u>496</u> | 24 | <u>496</u> |
| 5 | <u>496</u> | 15 | <u>497</u> | 25 | <u>495</u> |
| 6 | <u>497</u> | 16 | <u>497</u> | 26 | <u>495</u> |
| 7 | <u>493</u> | 17 | <u>496</u> | 27 | <u>494</u> |
| 8 | <u>496</u> | 18 | <u>497</u> | 28 | <u>490</u> |
| 9 | <u>496</u> | 19 | <u>497</u> | 29 | <u>492</u> |
| 10 | <u>495</u> | 20 | <u>497</u> | 30 | <u>489</u> |
| | | | | 31 | <u>489</u> |

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONSREPORT MONTH JULY - 1996

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 8/5/96
 Completed By B. J. Vander Velde
 Telephone No. 414/755-6681

| 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 |
|-----|------|-------------------|---------------------|---------------------|--|------------------------------|-----------------------------|--------------------------------|--|
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

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 | 8/5/96 |
| COMPLETED BY | B. J. Vander Velde |
| TELEPHONE | 414/755-6681 |

Unit 1 operated at an average of 495 MWe net for the July, 1996 report period.

Safety-related maintenance included:

1. P-1B reactor coolant pump, flow indicators calibrated.
2. HX-1B steam generator, level controller box replaced.
3. P-10A/B residual heat removal pump, boric acid cleaned and fittings tightened.
4. HX-3A/B non-regenerative heat exchanger, fittings tightened.
5. C-2 personnel access air lock, seals cleaned.
6. PT-485 high pressure turbine, drawings updated.
7. HX-8B boric acid evaporator, gaskets replaced.
8. D-07 DC station battery charger, caps replaced.
9. HB-19 service water piping to engineered safeguards, temporary patch installed.
10. SC-953 hot leg sample line, fitting replaced.

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 08/05/96

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: July - 1996
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
NA
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): Power 90%
10. REASONS FOR RESTRICTIONS, (IF ANY):
Self-imposed restriction because of SG tube plugging, pending further evaluation.

NOTES

| | THIS MONTH | YEAR TO DATE | CUMULATIVE |
|---|-------------|--------------|---------------|
| 11. HOURS IN REPORTING PERIOD | 744.0 | 5,111.0 | 210,384.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 5,095.5 | 184,422.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 233.9 |
| 14. HOURS GENERATOR ON LINE | 744.0 | 5,091.9 | 181,946.3 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 302.2 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1,015,429.0 | 6,946,734.0 | 261,478,887.0 |
| 17. GROSS ELECTRICAL ENERGY GENERATED | 347,150.0 | 2,381,260.0 | 88,884,520.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 330,426.0 | 2,269,094.5 | 84,733,744.0 |
| 19. UNIT SERVICE FACTOR | 100.0% | 99.6% | 86.5% |
| 20. UNIT AVAILABILITY FACTOR | 100.0% | 99.6% | 86.6% |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 91.6% | 91.5% | 82.5% |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 89.4% | 89.3% | 81.0% |
| 23. UNIT FORCED OUTAGE RATE | 0.0% | 0.4% | 0.9% |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling/SGRP, 10/05/96, 70 days | | | |
| 25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NA | | | |

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

POINT BEACH NUCLEAR PLANT

DOCKET NO. 50-301

AVERAGE DAILY UNIT POWER LEVEL

UNIT NAME Point Beach, Unit 2

MONTH JULY - 1996

DATE 8/1/96

COMPLETED BY Brian J. Vander Velde

TELEPHONE (414) 755-6681

| DAY | AVERAGE DAILY POWER LEVEL MWe NET | DAY | AVERAGE DAILY POWER LEVEL MWe NET | DAY | AVERAGE DAILY POWER LEVEL MWe NET |
|-----|--|-----|--|-----|--|
| 1 | 446 | 11 | 446 | 21 | 444 |
| 2 | 446 | 12 | 446 | 22 | 429 |
| 3 | 446 | 13 | 447 | 23 | 436 |
| 4 | 446 | 14 | 447 | 24 | 445 |
| 5 | 447 | 15 | 446 | 25 | 444 |
| 6 | 446 | 16 | 446 | 26 | 444 |
| 7 | 446 | 17 | 447 | 27 | 444 |
| 8 | 446 | 18 | 447 | 28 | 439 |
| 9 | 445 | 19 | 446 | 29 | 442 |
| 10 | 444 | 20 | 448 | 30 | 438 |
| | | | | 31 | 438 |

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY - 1996

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date 8/5/96
Completed By B. J. Vander Velde
Telephone No. 414/755-6681

| 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 |
|-----|--------|-------------------|---------------------|---------------------|--|------------------------------|-----------------------------|--------------------------------|---|
| 2 | 960722 | NA | 0 | B | 5 | NA | CH | PUMPB | The unit was reduced to 80% power for repair of 2P27A heater drain tank pump and to perform atmospheric steam dump tests, stop valve tests, and crossover steam dump tests. |

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 | 8/5/96 |
| COMPLETED BY | B. J. Vander Velde |
| TELEPHONE | 414/755-6681 |

Unit 2 operated at an average of 444 MWe net for the July, 1996 report period.

Safety-related maintenance included:

1. MS-2016 steam generator steam header atmospheric steam dump control valve, pipe cap seal welded and packing adjusted.