



**Wisconsin  
Electric**  
POWER COMPANY

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

(414) 755-2321

PBL 94-0103

April 4, 1994

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 March, 1994.

Sincerely,

G. J. Madfield  
PBNP Manager

GJM/lab

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: 04/04/94

COMPLETED BY: Richard F. Arnold

TELEPHONE: (414) 755-6193

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1 . . . . . NOTES
2. REPORTING PERIOD: March - 1994 . . . . .
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): NA
10. REASONS FOR RESTRICTIONS, (IF ANY):  
NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	2,160.0	205,128.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,160.0	170,878.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	744.0	2,155.4	167,795.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,107,260	3,217,844	236,699,614
17. GROSS ELECTRICAL ENERGY GENERATED	374,690	1,089,520	79,943,650
18. NET ELECTRICAL ENERGY GENERATED (MWH)	359,295	1,044,524	76,200,114
19. UNIT SERVICE FACTOR	100.0%	99.8%	81.8%
20. UNIT AVAILABILITY FACTOR	100.0%	99.8%	82.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.6%	99.7%	76.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	97.2%	97.3%	74.7%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.6%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling Outage, 04/02/94, 30 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  
AVERAGE DAILY UNIT POWER LEVEL  
 MONTH MARCH - 1994

DOCKET NO. 50-266  
 UNIT NAME Point Beach, Unit 1  
 DATE April 4, 1994  
 COMPLETED BY R. F. Arnold  
 TELEPHONE 414/755-6193

<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>487</u>	11	<u>494</u>	21	<u>494</u>
2	<u>492</u>	12	<u>494</u>	22	<u>488</u>
3	<u>492</u>	13	<u>494</u>	23	<u>480</u>
4	<u>495</u>	14	<u>494</u>	24	<u>475</u>
5	<u>492</u>	15	<u>494</u>	25	<u>471</u>
6	<u>492</u>	16	<u>494</u>	26	<u>463</u>
7	<u>496</u>	17	<u>494</u>	27	<u>457</u>
8	<u>496</u>	18	<u>495</u>	28	<u>451</u>
9	<u>489</u>	19	<u>494</u>	29	<u>444</u>
10	<u>493</u>	20	<u>494</u>	30	<u>446</u>
				31	<u>437</u>

POINT BEACH NUCLEAR PLANT  
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH - 1994

Docket No. 50-266  
 Unit Name Point Beach, Unit 1  
 Date April 4, 1994  
 Completed By R. F. Arnold  
 Telephone No. 414/755-6193

No.	Date	Type <sup>1</sup>	Duration	Reason <sup>2</sup>	Method of Shutting Down	Licensee Event	System	Component	Cause and Corrective Action
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

<sup>2</sup>Reason:  
 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)

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

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

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

DOCKET NO. 50-266  
UNIT NAME Point Beach Unit 1  
DATE April 4, 1994  
COMPLETED BY R. F. Arnold  
TELEPHONE 414/755-6193

Unit 1 operated at an average of 483 MWe net for the report period with no significant load reductions.

Licensee Event Report 50-266/301 94-001-00, Failure To Perform A Fire Watch At The Technical Specification Frequency, was submitted.

Licensee Event Report 50-266/301 94-002-00, Inoperability Of Both Emergency Diesel Generators, was submitted.

Licensee Event Report 50-266/301 94-003-00, Reactor Coolant Sample System Containment Isolation Valve Testing, was submitted.

Safety-related maintenance included:

1. The leads on the ammeter for D-305 swing station battery were swapped, at the sliders (external side), because incorrect movement was indicated during a battery service test.
2. The packing on P-32E service water pump was adjusted because of excessive seal leakage (approximately 2 gpm).
3. The regulator filter and three positioner gauges were changed on component cooling heat exchanger (HX-12B) outlet temperature control valve operator (SW-00012B).
4. North Zurn strainer inlet valve (SW-00016) was replaced with a rebuilt valve because of leakage through the valve seats.
5. Replaced two broken tension pins in the service water north header east isolation valve operator (SW-00063).
6. Calibrated I/P converter and valve positioner on RHR heat exchanger HX-11A.
7. Replaced four 480 VAC molded case circuit breakers as part of the breaker upgrade program.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 04/04/94

COMPLETED BY: Richard F. Arnold

TELEPHONE: (414) 755-6193

OPERATING STATUS

- 1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2 . . . . . NOTES
- 2. REPORTING PERIOD: March - 1994 . . . . .
- 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): NA
- 10. REASONS FOR RESTRICTIONS, (IF ANY):  
NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	2,160.0	189,913.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,160.0	166,360.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	744.0	2,160.0	164,026.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,115,386	3,221,621	235,592,805
17. GROSS ELECTRICAL ENERGY GENERATED	380,860	1,102,460	80,126,720
18. NET ELECTRICAL ENERGY GENERATED (MWH)	364,906	1,056,071	76,386,711
19. UNIT SERVICE FACTOR	100.0%	100.0%	86.4%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	86.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.1%	100.8%	82.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.7%	98.4%	80.9%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.0%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling Outage, 09/24/94, 36 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  
AVERAGE DAILY UNIT POWER LEVEL  
MONTH MARCH - 1994

DOCKET NO. 50-30  
UNIT NAME Point Beach, Unit 2  
DATE April 4, 1994  
COMPLETED BY R. F. Arnold  
TELEPHONE 414/755-6193

<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>491</u>	11	<u>495</u>	21	<u>494</u>
2	<u>496</u>	12	<u>496</u>	22	<u>491</u>
3	<u>488</u>	13	<u>494</u>	23	<u>486</u>
4	<u>495</u>	14	<u>495</u>	24	<u>477</u>
5	<u>492</u>	15	<u>495</u>	25	<u>480</u>
6	<u>492</u>	16	<u>494</u>	26	<u>484</u>
7	<u>496</u>	17	<u>495</u>	27	<u>484</u>
8	<u>492</u>	18	<u>495</u>	28	<u>484</u>
9	<u>493</u>	19	<u>494</u>	29	<u>484</u>
10	<u>494</u>	20	<u>494</u>	30	<u>482</u>
				31	<u>482</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH - 1994

Docket No. 50-301  
 Unit Name Point Beach, Unit 2  
 Date April 4, 1994  
 Completed By R. F. Arnold  
 Telephone No. 414/755-6193

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

<sup>2</sup>Reason:  
 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)

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

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

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



DOCKET NO. 50-301  
UNIT NAME Point Beach Unit 2  
DATE April 4, 1994  
COMPLETED BY R. F. Arnold  
TELEPHONE 414/755-6193

Unit 2 operated at an average of 490 MWe net for the report period with no significant load reductions. Power was reduced 3% on March 23, 1994 because of feed flow calculation uncertainties associated with the leading edge flow meters. The unit is currently operating at 98.5% and a Licensee Event Report is being submitted to describe the condition.

Safety-related maintenance included:

1. Installed amptector and replaced operating mechanism on 480 VAC breaker (B52-39A) which supplies power to a containment accident recirculation fan.
2. A safety injection line snubber (HS-26) was replaced.