



**Wisconsin Electric**  
A WISCONSIN ENERGY COMPANY

Point Beach Nuclear Plant  
6610 Nuclear Rd.  
Two Rivers, WI 54241  
Phone 920 755-2321

NPL 2000-0168

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

Ladies/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, 2000.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. J. Cayia'.

A. J. Cayia  
Manager,  
Site Services & Assessment

MBK/tja

Attachments

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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 04/05/00

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: March - 2000
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:  
N/A
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):  
N/A

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	2,184.0	257,736.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	660.7	1,828.2	209,345.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	646.3	1,808.4	205,897.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	968,802.0	2,682,187.0	293,007,817.0
17. GROSS ELECTRICAL ENERGY GENERATED	337,220.0	931,540.0	99,271,970.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	321,951.0	889,386.5	94,628,188.5
19. UNIT SERVICE FACTOR	86.9%	82.8%	79.9%
20. UNIT AVAILABILITY FACTOR	86.9%	82.8%	80.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	84.8%	79.8%	75.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	84.0%	79.1%	73.8%
23. UNIT FORCED OUTAGE RATE	0.0%	13.3%	4.7%
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: N/A			

POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH MARCH - 2000

DOCKET NO. 50-266  
 UNIT NAME: Point Beach, Unit 1  
 DATE: 04/04/00  
 COMPLETED BY: M. B. Koudelka  
 TELEPHONE: (920) 755-6480

<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>-14</u>	11	<u>507</u>	21	<u>507</u>
2	<u>-13</u>	12	<u>502</u>	22	<u>507</u>
3	<u>-13</u>	13	<u>505</u>	23	<u>506</u>
4	<u>-14</u>	14	<u>500</u>	24	<u>506</u>
5	<u>310</u>	15	<u>498</u>	25	<u>504</u>
6	<u>507</u>	16	<u>500</u>	26	<u>505</u>
7	<u>507</u>	17	<u>508</u>	27	<u>507</u>
8	<u>507</u>	18	<u>503</u>	28	<u>510</u>
9	<u>507</u>	19	<u>512</u>	29	<u>510</u>
10	<u>507</u>	20	<u>508</u>	30	<u>509</u>
				31	<u>510</u>

POINT BEACH NUCLEAR PLANT  
**UNIT SHUTDOWNS AND POWER REDUCTIONS**  
 REPORT MONTH FEBRUARY - 2000

Docket No. 50-266  
 Unit Name Point Beach, Unit 1  
 Date 4/6/2000  
 Completed By M. B. Koudelka  
 Telephone No. 920/755-6480

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Reactor Shut Down <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
2	20000220	F	232.5	H	1	NA	NA	NA	The reactor was manually shutdown to investigate an indication of a loose part within a steam generator.

<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

POINT BEACH NUCLEAR PLANT  
**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH MARCH - 2000

Docket No. 50-266  
 Unit Name Point Beach, Unit 1  
 Date 4/6/2000  
 Completed By M. B. Koudelka  
 Telephone No. 920/755-6480

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Reactor Shut Down <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
2	20000220	F	97.7	H	4	NA	NA	NA	The reactor was manually shutdown to investigate an indication of a loose part within a steam generator.

<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 04/04/00  
COMPLETED BY M. B. Koudelka  
TELEPHONE 920/755-6480

The daily power average for Unit 1 during March, 2000, was 432.7 MWe.

Four Licensee Event Reports (LERs) were submitted to the NRC during March, 2000:

LER 266/2000-001-01, Manual Reactor Trip Due to Decreasing Circulating Water System Fore Bay Level.

LER 266/2000-002-00, Technical Specification Surveillance Requirement to Verify ECCS Valve Position not Fully Implemented.

LER 266/2000-003-00, Inadequate Control of Cable Spreading Room High Energy Line Break Barrier.

LER 266/2000-004-00, Potential Loss of Process Monitoring Instrumentation Due to a Fire in Containment.

Safety-related maintenance included:

1. A52-DHVR-1200-14 4.16 KV/1200 A vacuum breaker racking mechanism replaced.
2. 1B52-13C power to 1B-39 Train A battery charger supply motor control center breaker maintenance performed.
3. 1B52-24C power to 1B-49 Train B battery charger supply motor control center reduced voltage test and breaker maintenance performed.
4. 1B52-329K power to K-4A emergency diesel generator starting air compressor starter contacts replaced.
5. 1B52-429K power to K-5A emergency diesel generator starting air compressor starter contacts replaced.
6. 1C-2-D1 C-2 outer bulkhead door roller arm lubricated and adjusted.
7. C-064 G-01 emergency diesel generator control and instrument panel relay replaced.
8. C-179 yellow computer input mux repaired.

9. 1CV-00308B P-1B reactor coolant pump labyrinth seal DPT-124 lower root valve packing clamp installed.
10. D-05 and D-06 125 VDC station batteries monthly and quarterly maintenance performed.
11. D-07 D-05 DC station battery charger voltage meter replaced.
12. D-105 and D-106 125 VDC station batteries monthly inspections performed.
13. D-305 swing station battery monthly, quarterly and annual maintenance performed.
14. DA-03055F G-01 emergency diesel generator T-60F start air receiver relief valve tested.
15. F-178A P-209A G-03 emergency diesel generator DC fuel oil pump duplex filter handle replaced.
16. F-179A P-240A G-01 emergency diesel generator engine fuel oil pump duplex filter element retainer adjusted.
17. FO-03930-O T-31A diesel generator day tank inlet second-off isolation valve operator inspected.
18. G-01 emergency diesel generator shaft and air start motors aligned, immersion heater replaced, relay replaced, slip rings repaired, new power packs installed, thermowell and thermometer installed in outlet water jacket, and engine inspections performed.
19. G-01-GOV, G-02-GOV, G-03-GOV, and G-04-GOV emergency diesel generator governors oil sampled and added.
20. G-01-LFP1 G-01 emergency diesel generator P-241A DC fuel oil pump low fuel pressure switch replaced.
21. G-02 emergency diesel generator engine coolant sampled, drained and refilled.
22. 1N-00031 nuclear instrumentation source range channel repaired.
23. 1P-011A component cooling water pump oil changed.
24. P-012B spent fuel pool cooling pump impeller replaced.
25. P-032B service water pump oil changed and motor analysis performed.
26. P-032C service water pump packing adjusted.
27. P-032D service water pump oil changed.
28. P-032E service water pump oil changed.

29. P-032F service water pump supply breaker voltage monitored, pump repacked, strainer basket replaced, and oil changed.
30. P-206A-M G-01 emergency diesel generator fuel oil transfer pump motor lubricated.
31. 1SI-00853C low head safety injection core deluge check valve repaired.
32. TI-03314A G-01 emergency diesel generator jacket water outlet temperature indicator replaced.
33. U1A-UV relays and U1B-UV relays Train A and B 4.16 kV and 480 V switchgear relay tests performed.
34. 1W-001A1-D1 containment accident recirculation fans inspected.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 04/05/00

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: March - 2000
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:  
N/A
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):  
N/A

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	2,184.0	242,521.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,184.0	204,118.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	744.0	2,184.0	201,286.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,126,950.0	3,308,454.0	289,764,537.0
17. GROSS ELECTRICAL ENERGY GENERATED	394,970.0	1,156,340.0	98,654,340.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	378,516.0	1,108,761.5	94,024,533.5
19. UNIT SERVICE FACTOR	100.0%	100.0%	83.0%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	83.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4%	99.2%	79.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.8%	98.6%	77.9%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	2.3%
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: N/A			

POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH MARCH - 2000

DOCKET NO. 50-301  
 UNIT NAME: Point Beach, Unit 2  
 DATE: 04/04/00  
 COMPLETED BY: M. B. Koudelka  
 TELEPHONE: (920) 755-6480

<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>511</u>	11	<u>509</u>	21	<u>514</u>
2	<u>508</u>	12	<u>508</u>	22	<u>513</u>
3	<u>507</u>	13	<u>503</u>	23	<u>514</u>
4	<u>507</u>	14	<u>503</u>	24	<u>513</u>
5	<u>507</u>	15	<u>501</u>	25	<u>512</u>
6	<u>507</u>	16	<u>503</u>	26	<u>512</u>
7	<u>506</u>	17	<u>505</u>	27	<u>509</u>
8	<u>507</u>	18	<u>513</u>	28	<u>509</u>
9	<u>509</u>	19	<u>508</u>	29	<u>510</u>
10	<u>510</u>	20	<u>514</u>	30	<u>505</u>
				31	<u>513</u>

POINT BEACH NUCLEAR PLANT  
UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH MARCH - 2000

Docket No. 50-301  
 Unit Name Point Beach, Unit 2  
 Date 4/5/2000  
 Completed By M. B. Koudelka  
 Telephone No. 920/755-6480

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Reactor Shut Down <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

<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 04/04/00  
COMPLETED BY M. B. Koudelka  
TELEPHONE 920/755-6480

The daily power average for Unit 2 during March, 2000, was 508.8 MWe.

No Licensee Event Reports (LERs) were submitted to the NRC during March, 2000.

Safety-related maintenance included:

1. 2B52-27B power to P-32D service water pump motor analysis performed.
2. 2B52-27C normal power to 2B427C-B957D P-32E service water pump transfer switch motor analysis performed.
3. 2B52-28B power to 2P-11B component cooling water pump motor analysis performed.
4. 2B52-34A power to 2P-11A component cooling water pump motor analysis performed.
5. 2B52-34B normal power to 2B334B-B854D P-32F service water pump transfer switch motor analysis performed.
6. 2B52-36B power to PP-19 pressurizer backup heater C group power panel breaker maintenance performed.
7. 2P-011A component cooling water pump oil changed.
8. 2RC-00434-LISA RC-434 pressurizer safety lift indication switch assembly conduits and connections installed on the spares.
9. U2A-UV and U2B-UV relays Train A and B 4.16 kV and 480 V switchgear relay tests performed.