



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

NPL 2000-0211

May 5, 2000

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 April, 2000.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. J. Cayia', written over a circular stamp or mark.

A. J. Cayia
Manager,
Site Services & Assessment

MBK/tja

Attachments

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

JE24

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 05/02/00

COMPLETED BY: M. B. Arnold

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: April - 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	719.0	2,903.0	258,455.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,547.2	210,064.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	719.0	2,527.4	206,616.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,089,167.0	3,771,354.0	294,096,984.0
17. GROSS ELECTRICAL ENERGY GENERATED	381,800.0	1,313,340.0	99,653,770.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	365,438.5	1,254,825.0	94,993,627.0
19. UNIT SERVICE FACTOR	100.0%	87.1%	79.9%
20. UNIT AVAILABILITY FACTOR	100.0%	87.1%	80.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.7%	84.8%	75.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.7%	83.9%	73.8%
23. UNIT FORCED OUTAGE RATE	0.0%	9.9%	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 APRIL - 2000

DOCKET NO. 50-266
UNIT NAME: Point Beach, Unit 1
DATE: 05/01/00
COMPLETED BY: M. B. Arnold
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>509</u>	11	<u>509</u>	21	<u>509</u>
2	<u>509</u>	12	<u>508</u>	22	<u>508</u>
3	<u>508</u>	13	<u>509</u>	23	<u>508</u>
4	<u>508</u>	14	<u>508</u>	24	<u>508</u>
5	<u>510</u>	15	<u>508</u>	25	<u>508</u>
6	<u>507</u>	16	<u>508</u>	26	<u>507</u>
7	<u>509</u>	17	<u>509</u>	27	<u>508</u>
8	<u>507</u>	18	<u>509</u>	28	<u>507</u>
9	<u>508</u>	19	<u>509</u>	29	<u>508</u>
10	<u>508</u>	20	<u>509</u>	30	<u>506</u>

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 05/02/00
COMPLETED BY M. B. Arnold
TELEPHONE 920/755-6480

The daily power average for Unit 1 during April, 2000, was 508.3 MWe.

One Licensee Event Report (LER) was submitted to the NRC during April, 2000:

LER 266/2000-005-00, Termination Criteria for Containment Spray in Emergency Operating Procedure Non-Conservative with Safety Analysis Assumptions.

Safety-related maintenance included:

1. AF-00160 AF-4019 discharge control AF-4058 nitrogen backup regulator in PI-4059 isolation valve replaced.
2. AF-00161 AF-4019 discharge control AF-4058 nitrogen backup regulator in PI-4059 vent valve replaced.
3. AF-00163 P-38B auxiliary feedwater pump AF-4019 nitrogen backup south bottle outlet isolation valve replaced.
4. AF-00164 P-38B auxiliary feedwater pump AF-4019 nitrogen backup south bottle outlet valve replaced.
5. AF-00166 P-38B auxiliary feedwater pump AF-4019 nitrogen backup north bottle outlet isolation valve replaced.
6. AF-00167 P-38B auxiliary feedwater pump AF-4019 nitrogen backup north bottle outlet vent valve replaced.
7. 1B52-12C power to P-38A motor-driven auxiliary feedwater pump reduced voltage test performed.
8. 1B52-15C tie to 1B00-4C on 1B-01 bus reduced voltage test performed.
9. C-002 Unit 1 and 2 electrical control board voltmeter replaced.
10. D-05 125 Vdc station battery monthly inspection performed.
11. D-06 125 Vdc station battery monthly and quarterly inspections performed.

12. D-105 125 Vdc station battery monthly and quarterly inspections performed.
13. D-106 125 V station battery plastic terminal cover replaced, and monthly and quarterly inspections performed.
14. D-108 D-106 dc station battery charger cleaned, inspected and dc volt meter replaced.
15. D-305 swing station battery monthly inspection performed.
16. IDPIS-04002 P-29 auxiliary feedwater pump discharge differential pressure indicator switch calibrated.
17. G-01 emergency diesel generator post installation testing of subpanel modification performed.
18. G-05 gas turbine annual inspection performed.
19. H-01 bus outage bus duct inspected.
20. HX-055A-1 and HX-055A-2 G-01 emergency diesel generator coolant east heat exchanger hydrolanced and inspected.
21. 1MS-00249 and 1MS-00250 HX-1A&B steam generators SAX-2022 and SAX-2023 inlet sample isolation valves tubing insulated.
22. 1MS-02083-S HX-1A steam generator sample containment isolation solenoid valve replaced.
23. P-010A/B-M spare residual heat removal pump motor inspected.
24. 1P-011B component cooling water pump couplings greased and oil changed.
25. 1P-011A/B-M spare component cooling water pump motor inspected.
26. 1P-014A/B-M spare containment spray pump motor inspected.
27. 1P-029-T P-29 turbine-driven auxiliary feedwater pump turbine oil sampled and changed.
28. P-038A&B motor-driven auxiliary feedwater pumps oil sampled and changed.
29. Spent fuel pool structure inspection performed.
30. SW-02839 HX-55A1/A2 coolant heat exchanger outlet control valve internals cleaned and inspected.
31. 1TM-00450D-3 reactor coolant Loop A hot leg E/I converter module replaced.
32. U1A-UV and U1B-UV Trains A and B 4.16 kV and 480 V switchgear relay degraded and loss of voltage tests performed.

33. W-001-M spare containment ventilation fan motor inspected.
34. W-181A/B-M spare G-03/G-04 emergency diesel generator HX-265A*B radiator fan motor inspected.
35. 1-62/NC005 AF-4002 auxiliary feedwater pump recirculation control shut time delay relay replaced.

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 2000

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 5/2/2000
 Completed By M. B. Arnold
 Telephone No. 920/755-6480

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

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

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 05/03/00

COMPLETED BY: M. B. Arnold

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: April - 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	719.0	2,903.0	243,240.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,903.0	204,837.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	719.0	2,903.0	202,005.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,089,208.0	4,397,662.0	290,853,745.0
17. GROSS ELECTRICAL ENERGY GENERATED	380,770.0	1,537,110.0	99,035,110.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	364,334.5	1,473,096.0	94,388,868.0
19. UNIT SERVICE FACTOR	100.0%	100.0%	83.0%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	83.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.0%	99.1%	79.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.4%	98.5%	78.0%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	2.3%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Other, 05/04/2000, 4 days, Refueling, 10/14/2000, 42 days			
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A			

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH APRIL - 2000

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 05/01/00
 COMPLETED BY: M. B. Arnold
 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>507</u>	11	<u>508</u>	21	<u>508</u>
2	<u>508</u>	12	<u>507</u>	22	<u>507</u>
3	<u>506</u>	13	<u>508</u>	23	<u>506</u>
4	<u>507</u>	14	<u>505</u>	24	<u>507</u>
5	<u>507</u>	15	<u>507</u>	25	<u>506</u>
6	<u>505</u>	16	<u>507</u>	26	<u>505</u>
7	<u>507</u>	17	<u>509</u>	27	<u>506</u>
8	<u>508</u>	18	<u>508</u>	28	<u>505</u>
9	<u>508</u>	19	<u>508</u>	29	<u>504</u>
10	<u>508</u>	20	<u>509</u>	30	<u>502</u>

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 05/03/00
COMPLETED BY M. B. Arnold
TELEPHONE 920/755-6480

The daily power average for Unit 2 during April, 2000, was 506.7 MWe.

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

Safety-related maintenance included:

1. 2A-06 4.16 kV bus switchgear (safeguards) cubicle heater control circuit and cubicle heater fuses replaced.
2. 2B52-31C power to P-38B motor-driven auxiliary feedwater pump motor analyzed.
3. 2B52-37B power to 2B337B-1B313B charging pump crosstie power panel motor analyzed.
4. 2N-00032 nuclear instrumentation source range channel alternate instrument power cable fabricated.
5. 2P-002B charging pump seals replaced.
6. U2A-UV and U2B-UV Trains A and B 4.16 kV and 480 V switchgear relay degraded and loss of voltage tests performed.
7. 2VNPSE-03212 W-6A&B U2C purge exhaust fan suction valve position indicator guard installed.
8. 2W-001A1-D1 containment accident recirculation fans inspected.

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 2000

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

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

¹F: Forced
 S: Scheduled

²Reason:
 A - Equipment Failure (explain)
 B - Maintenance or Testing
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 D - Regulatory Restriction
 E - Operator Training & Licensing Exam
 F - Administrative
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