



Point Beach Nuclear Plant
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Two Rivers, WI 54241
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NPL 2000-0115

March 3, 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 February, 2000.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. J. Cayia', written over the typed name and title.

A. J. Cayia
Manager,
Regulatory Services & Licensing

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: 03/01/00

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: February - 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:
NA
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	696.0	1,440.0	256,992.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	464.8	1,167.5	208,684.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	463.5	1,162.1	205,250.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	697,701.0	1,713,385.0	292,039,015.0
17. GROSS ELECTRICAL ENERGY GENERATED	241,440.0	594,320.0	98,934,750.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	230,116.0	567,435.5	94,306,237.5
19. UNIT SERVICE FACTOR	66.6%	80.7%	79.9%
20. UNIT AVAILABILITY FACTOR	66.6%	80.7%	80.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	64.8%	77.3%	75.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	64.2%	76.5%	73.7%
23. UNIT FORCED OUTAGE RATE	33.4%	19.3%	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: March 4, 2000			

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 03/01/00
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 1 during February, 2000, was 330.6 MWe.

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

LER 266/2000-001-00, Manual Reactor Trip Due to Decreasing Circulating Water System Fore Bay Level.

Safety-related maintenance included:

1. D-05, D-06, D-105, D-106 and D-305 125 Vdc station batteries inspected.
2. DY-0B Blue 125 Vdc/120 Vac alternate inverter circuit breaker replaced.
3. G-02 and G-04 emergency diesel generators lube oil addition.
4. F-178B P-209B G-04 emergency diesel generator DC fuel oil pump duplex filter cleaned and inspected.
5. 1FI-00115 P-1A reactor coolant pump seal water injection flow indicator calibrated.
6. 1FT-02902 HX-15D containment recirculation heat exchanger outlet flow transmitter calibrated.
7. 1HX-001A steam generator hot leg channelhead inspected for potential loose part.
8. 1LIC-00932 T-38 spray additive tank level indicator controller switch adjusted.
9. 1MS-00240 HX-1B steam generator header ST-2028 first-off isolation valve welds examined.
10. 1P-001A reactor coolant pump flywheel rotated.
11. 1P-014A-M containment spray pump motor baseplate modified.
12. 1P-015B safety injection pump inboard bearing sight glass and bubbler repaired.
13. 1RH-00713A P-10A&B residual heat removal pump discharge crossconnect valve position indicator repaired.

14. 1SC-00951 pressurizer steam space sample containment isolation valve position indication lights replaced.
15. Unit 1 safety injection ASME Section XI pressure tests performed on refueling water storage tank and outlet piping and components.
16. 1SI-00853C low head safety injection core deluge check valve body-to-bonnet studs visually inspected and valve seal injected.
17. 1SI-00870A P-14A containment spray pump suction from T-13 refueling water storage tank body-to-bonnet flange cleaned and inspected.
18. SW-00502 Z-103 south service building HVAC Zurn strainer SW-2816 inlet valve motor operator refurbished.
19. 1SW-02908 HX-15A-D containment recirculation heat exchanger emergency flow control valve packing adjusted.
20. SW-02911-BS north service water header Zurn strainer inspected.
21. Unit 1 Trains A and B 4.16 kV and 480 V undervoltage switchgear relay degraded and loss of voltage tests performed.
22. 1W-001A1-M-AM, 1W-001B1-M-AM, 1W-001C1-M-AM and 1W-001D1-M-AM containment accident recirculation fan motor ammeters calibrated.
23. XJ-02973 HX-55B1/B2 coolant heat exchanger expansion joint insulation replaced.
24. YS-04439/YS-04441 HX-105A&B primary auxiliary building battery room cooler service water inlet strainers ultrasonic examination performed.
25. 1-49/A52-85 1P-15B safety injection pump thermal overload relay calibrated.

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 2000

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 03/01/00
 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>505</u>	11	<u>503</u>	21	<u>-15</u>
2	<u>503</u>	12	<u>503</u>	22	<u>-7</u>
3	<u>504</u>	13	<u>502</u>	23	<u>-4</u>
4	<u>503</u>	14	<u>502</u>	24	<u>-3</u>
5	<u>504</u>	15	<u>504</u>	25	<u>-3</u>
6	<u>504</u>	16	<u>503</u>	26	<u>-2</u>
7	<u>504</u>	17	<u>503</u>	27	<u>-2</u>
8	<u>504</u>	18	<u>504</u>	28	<u>-2</u>
9	<u>504</u>	19	<u>505</u>	29	<u>-8</u>
10	<u>502</u>	20	<u>70</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 3/3/2000
 Completed By M. B. Koudelka
 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
2	20000220	F	232.5	H	2	NA	NA	NA	The reactor was manually shutdown to investigate an indication of a loose part within a steam generator.

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: 03/01/00

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: February - 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:
NA
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	696.0	1,440.0	241,777.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1,440.0	203,374.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	696.0	1,440.0	200,542.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,053,373.0	2,181,504.0	288,637,587.0
17. GROSS ELECTRICAL ENERGY GENERATED	366,690.0	761,370.0	98,259,370.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	351,662.0	730,245.5	93,646,017.5
19. UNIT SERVICE FACTOR	100.0%	100.0%	82.9%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	83.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.7%	99.0%	79.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.1%	98.5%	77.8%
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: NA			

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH FEBRUARY - 2000

DOCKET NO. 50-301
UNIT NAME: Point Beach, Unit 2
DATE: 03/01/00
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>507</u>	11	<u>501</u>	21	<u>505</u>
2	<u>504</u>	12	<u>504</u>	22	<u>508</u>
3	<u>508</u>	13	<u>474</u>	23	<u>504</u>
4	<u>505</u>	14	<u>504</u>	24	<u>513</u>
5	<u>507</u>	15	<u>505</u>	25	<u>511</u>
6	<u>507</u>	16	<u>503</u>	26	<u>511</u>
7	<u>507</u>	17	<u>503</u>	27	<u>510</u>
8	<u>506</u>	18	<u>506</u>	28	<u>510</u>
9	<u>507</u>	19	<u>502</u>	29	<u>511</u>
10	<u>506</u>	20	<u>504</u>		

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 03/01/00
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 2 during February, 2000, was 505.3 MWe.

One Licensee Event Report (LER) was submitted to the NRC during February, 2000.

LER 301/2000-001-00, Replacement of Charging Pump Control Power Fuse Outside Appendix R Design Basis.

Safety-related maintenance included:

1. 2A52-94 spare breaker inspected.
2. 2B52-37A normal power to 2B337A-B957B 2P-2A charging pump transfer switch phase "B" pole base replaced.
3. 2C-2-D1 C-2 outer bulkhead door seals inspected and lubricated.
4. 2CC-00747D HX-3A&B non-regenerative heat exchanger shell side outlet relief valve tested.
5. 2FC-00477A&B Loop B feedwater flow bistable troubleshooting performed.
6. 2FT-02902 HX-15D containment recirculation heat exchanger outlet flow transmitter calibrated.
7. 2P-029 and 2P-029-T turbine-driven auxiliary feedwater pump and turbine oil changed.
8. Unit 2 Trains A and B 4.16 kV and 480 V undervoltage switchgear relays degraded and loss of voltage tests performed.
9. 2W-001A1-M and 2W-001B1-M containment accident recirculation fan motors tested.

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

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 3/1/2000
 Completed By M. B. Koudelka
 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
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & Licensing Exam
 F - Administrative
 G - Operational Error (explain)
 H - Other (explain)

³Method:
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