



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

NPL 2000-0245

June 6, 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 May, 2000.

Sincerely,

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

A. J. Cayia
Manager,
Site Services & Assessment

MBA/tja

Attachments

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

NRR-063

IE24

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 06/06/00

COMPLETED BY: M. B. Arnold

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: May - 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	3,647.0	259,199.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,291.2	210,808.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	744.0	3,271.4	207,360.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,085,802.0	4,857,156.0	295,182,786.0
17. GROSS ELECTRICAL ENERGY GENERATED	378,780.0	1,692,120.0	100,032,550.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	362,031.0	1,616,856.0	95,355,658.0
19. UNIT SERVICE FACTOR	100.0%	89.7%	80.0%
20. UNIT AVAILABILITY FACTOR	100.0%	89.7%	80.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	95.4%	86.9%	75.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	94.5%	86.1%	73.9%
23. UNIT FORCED OUTAGE RATE	0.0%	7.8%	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 MAY - 2000

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 06/01/00
 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>506</u>	11	<u>497</u>	21	<u>445</u>
2	<u>506</u>	12	<u>488</u>	22	<u>463</u>
3	<u>506</u>	13	<u>458</u>	23	<u>506</u>
4	<u>507</u>	14	<u>458</u>	24	<u>506</u>
5	<u>500</u>	15	<u>457</u>	25	<u>505</u>
6	<u>498</u>	16	<u>458</u>	26	<u>505</u>
7	<u>503</u>	17	<u>456</u>	27	<u>504</u>
8	<u>508</u>	18	<u>457</u>	28	<u>504</u>
9	<u>508</u>	19	<u>457</u>	29	<u>502</u>
10	<u>507</u>	20	<u>443</u>	30	<u>505</u>
				31	<u>462</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY - 2000

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 6/2/2000
 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
3	20000521	S	0	B	5	NA	HE	VALVEE	The unit was taken to 68% power to perform turbine stop valve and crossover steam dump valve testing.
4	20000530	S	0	B	5	NA	HH	HTEXCHC	The unit was taken to 80% power at 2356 hours to accommodate cleaning the condensate cooler. The unit returned to full power on May 31, 2000 at 1032 hours.

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 06/02/00
COMPLETED BY M. B. Arnold
TELEPHONE 920/755-6480

The daily power average for Unit 1 during May, 2000, was 486.6 MWe.

Unit 1 operated at 90% power from May 11-22, 2000 in accordance with plant procedures because of potential grid stability issues.

No Licensee Event Reports (LERs) were submitted to the NRC during May, 2000:

No Major safety-related maintenance occurred during May, 2000.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 06/06/00

COMPLETED BY: M. B. Arnold

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: May - 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	3,647.0	243,984.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	647.5	3,550.5	205,485.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	639.3	3,542.3	202,645.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	936,618.0	5,334,280.0	291,790,363.0
17. GROSS ELECTRICAL ENERGY GENERATED	328,990.0	1,866,100.0	99,364,100.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	313,509.0	1,786,605.0	94,702,377.0
19. UNIT SERVICE FACTOR	85.9%	97.1%	83.1%
20. UNIT AVAILABILITY FACTOR	85.9%	97.1%	83.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	82.3%	95.7%	79.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	81.8%	95.1%	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): Refueling, 10/14/2000, 47 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 MAY - 2000

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 06/01/00
 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>502</u>	11	<u>502</u>	21	<u>515</u>
2	<u>501</u>	12	<u>514</u>	22	<u>515</u>
3	<u>503</u>	13	<u>513</u>	23	<u>515</u>
4	<u>345</u>	14	<u>514</u>	24	<u>514</u>
5	<u>-13</u>	15	<u>515</u>	25	<u>513</u>
6	<u>-12</u>	16	<u>515</u>	26	<u>512</u>
7	<u>-12</u>	17	<u>513</u>	27	<u>509</u>
8	<u>-13</u>	18	<u>515</u>	28	<u>517</u>
9	<u>50</u>	19	<u>514</u>	29	<u>513</u>
10	<u>436</u>	20	<u>514</u>	30	<u>514</u>
				31	<u>509</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY - 2000

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 6/2/2000
 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
1	20000504	S	0	B	5	NA	HE	VALVEE	The unit was taken to 67% power to perform turbine stop valve and turbine trip testing.
2	20000504	S	104.7	B	1	NA	NA	NA	A maintenance outage began on May 4, 2000. Unit 2 generator was offline from May 4, 2000 at 2002 hours through May 9, 2000 at 0441 hours. Unit 2 returned to full power on May 10, 2000.
3	20000511	F	0	F	5	NA	EA	ELECON	The unit was taken to 88% power on May 11, 2000 at 0004 hours as specified in plants procedures relative to offsite grid stability issues. The unit returned to full power on May 11, 2000 at 0611 hours.

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 06/06/00
COMPLETED BY M. B. Arnold
TELEPHONE 920/755-6480

The daily power average for Unit 2 during May, 2000, was 421.4 MWe.

A four day scheduled maintenance outage occurred during May, 2000.

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

LER 301/2000-002-00, Redundant Channels of Steam Generator Pressure Indication and Source Range Nuclear Instrumentation not Routed Independent of Common Fire Zones.

Safety-related maintenance included:

1. 2CC-00747D HX-3A&B non-regenerative heat exchanger shell side outlet relief valve refurbished.
2. 2SI-00839A-S T-34A safety injection accumulator outlet to safety injection test line isolation solenoid valve rebuilt.