



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

(920) 755-2321

NPL 99-0644

November 5, 1999

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 October, 1999.

Sincerely,

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

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10/31/99

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 11/03/99

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: October - 1999
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	745.0	7,296.0	254,088.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	360.0	6,600.2	206,946.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	360.0	6,523.3	203,540.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	538,617.0	9,765,120.0	289,604,423.0
17. GROSS ELECTRICAL ENERGY GENERATED	188,430.0	3,402,530.0	98,089,630.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	178,918.0	3,252,794.5	93,504,519.0
19. UNIT SERVICE FACTOR	48.3%	89.4%	80.1%
20. UNIT AVAILABILITY FACTOR	48.3%	89.4%	80.4%
21. UNIT CAPACITY FACTOR (USING MDC NET)	47.1%	87.9%	75.5%
22. UNIT CAPACITY FACTOR (USING DER NET)	46.6%	86.9%	74.0%
23. UNIT FORCED OUTAGE RATE	0.0%	3.9%	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: 11/29/99			

POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH OCTOBER - 1999

DOCKET NO. 50-266  
 UNIT NAME: Point Beach, Unit 1  
 DATE: 11/05/99  
 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>510</u>	21	<u>-2</u>
2	<u>506</u>	12	<u>511</u>	22	<u>-2</u>
3	<u>507</u>	13	<u>510</u>	23	<u>-1</u>
4	<u>506</u>	14	<u>511</u>	24	<u>0</u>
5	<u>506</u>	15	<u>399</u>	25	<u>0</u>
6	<u>506</u>	16	<u>-15</u>	26	<u>0</u>
7	<u>507</u>	17	<u>-11</u>	27	<u>0</u>
8	<u>508</u>	18	<u>-15</u>	28	<u>0</u>
9	<u>510</u>	19	<u>-2</u>	29	<u>-1</u>
10	<u>510</u>	20	<u>-2</u>	30	<u>-2</u>
				31	<u>-2</u>

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

REPORT MONTH OCTOBER - 1999

Docket No. 50-266  
 Unit Name Point Beach, Unit 1  
 Date 11/3/1999  
 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
5	991015	S	385	C	1	NA	NA	NA	The unit began its 25 <sup>th</sup> refueling outage on October 15, 1999 and is scheduled back on-line November 29, 1999.

<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 11/03/99  
COMPLETED BY M. B. Koudelka  
TELEPHONE 920/755-6480

The daily power average for Unit 1 during October, 1999, was 240.5 MWe.

Unit 1 Refueling 25 began on October 15, 1999, scheduled to end on November 29, 1999.

One Licensee Event Report (LER) was submitted to the NRC during October, 1999:

LER 266/1999-007-00, Cable Tray Fire Stops Do Not Meet Appendix R Exemption Requirements.

Safety-related maintenance included:

1. 1C-1 equipment access air lock hatch seating surface and O-ring cleaned.
2. 1C-1-D1V C-1 outer bulkhead door equalizing vent valve rebuilt.
3. 1C-113 control channel II panel test switch T402A replaced.
4. 1CC-00754A P-1A reactor coolant pump component cooling inlet motor-operated valve handwheel replaced.
5. 1CV-01426B reactor coolant Loop B cold leg auxiliary charging line drain valve cleaned and packing adjusted.
6. FO-03983A P-207A G-02 emergency diesel generator fuel oil transfer pump discharge unloader valve tested.
7. G-04 emergency diesel generator potentiometer cleaned and tested.
8. HX-058A waste gas seal water heat exchanger cleaned and inspected.
9. 1LT-00472 HX-1B steam generator level transmitter repaired.
10. 1N-00031 nuclear instrumentation source range channel high voltage and signal cables repaired.
11. 1P-002B charging pump gasket inspected, lubricated and packing, throat bushings, plungers and O-rings repacked.
12. 1P-011A component cooling water pump soil changed.
13. 1PT-00420C reactor coolant Loop A hot leg wide range pressure transmitter inspected.

14. 1RC-00505 reactor coolant Loop B cold leg FT-414/415/416 high side root valve cleaned and packing adjusted.
15. 1RC-00515 T-1 pressurizer RC-431C power-operated relief isolation valve yoke repaired.
16. 1RC-00524 R-1 reactor vessel LT-447/447A/LI-447B variable leg/Loop A isolation valve cleaned and packing adjusted.
17. 1RC-00534 T-1 pressurizer LT-426 variable leg root valve cleaned and packing adjusted.
18. 1SC-00954 reactor coolant hot leg sample isolation valve cleaned and packing adjusted.
19. 1T-191 VNPSE-3245 U1C purge supply fan discharge boot seal accumulator air line tubing repaired.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 11/03/99

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: October - 1999
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	745.0	7,296.0	238,873.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	5,929.4	200,470.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	745.0	5,732.2	197,638.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,130,064.0	8,447,298.0	284,239,354.0
17. GROSS ELECTRICAL ENERGY GENERATED	398,330.0	2,956,220.0	96,714,560.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	381,477.0	2,822,768.5	92,165,187.0
19. UNIT SERVICE FACTOR	100.0%	78.6%	82.7%
20. UNIT AVAILABILITY FACTOR	100.0%	78.6%	82.9%
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.0%	76.0%	79.0%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4%	75.4%	77.6%
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 OCTOBER - 1999

DOCKET NO. 50-301  
 UNIT NAME: Point Beach, Unit 2  
 DATE: 11/01/99  
 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>514</u>	21	<u>513</u>
2	<u>511</u>	12	<u>513</u>	22	<u>513</u>
3	<u>512</u>	13	<u>512</u>	23	<u>512</u>
4	<u>511</u>	14	<u>513</u>	24	<u>512</u>
5	<u>511</u>	15	<u>510</u>	25	<u>507</u>
6	<u>511</u>	16	<u>511</u>	26	<u>508</u>
7	<u>513</u>	17	<u>513</u>	27	<u>507</u>
8	<u>513</u>	18	<u>513</u>	28	<u>512</u>
9	<u>516</u>	19	<u>513</u>	29	<u>511</u>
10	<u>515</u>	20	<u>513</u>	30	<u>514</u>
				31	<u>513</u>



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

REPORT MONTH OCTOBER - 1999

Docket No. 50-301  
 Unit Name Point Beach, Unit 2  
 Date 11/3/1999  
 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>	License 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

<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 11/03/99  
COMPLETED BY M. B. Koudelka  
TELEPHONE 920/755-6480

The daily power average for Unit 2 during October, 1999, was 512 MWe.

No Licensee Event Reports (LERs) were submitted to the NRC during October, 1999.

Safety-related maintenance included:

1. 2FC-00475A&B Loop B steam flow high and high-high bistable readjusted.
2. 2N-00043 nuclear instrumentation power range channel gain pot wired.
3. 2P-002A charging pump plungers, throat bushing sleeves, gaskets and O-rings replaced.
4. 2P-011B component cooling water pump oil changed.
5. 2T-070A P-2A charging pump discharge accumulator valve core replaced.
6. 2RT-5A Train A reactor trip relay repaired.