



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

(920) 755-2321

NPL 99-0008

January 7, 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 December, 1998.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Vito A. Kaminskas'.

Vito A. Kaminskas  
Manager,  
Regulatory Services & Licensing

MBK/tja

Attachments

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

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PDR ADOCK 05000266  
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# OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 01/05/99

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: December - 1998
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

### NOTES

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA
10. REASONS FOR RESTRICTIONS, (IF ANY):  
NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	8,760.0	246,792.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,555.0	200,346.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	744.0	5,490.2	197,017.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,124,719.0	7,747,250.0	279,839,303.0
17. GROSS ELECTRICAL ENERGY GENERATED	394,580.0	2,699,340.0	94,687,100.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	377,920.0	2,569,883.5	90,251,724.5
19. UNIT SERVICE FACTOR	100.0%	62.7%	79.8%
20. UNIT AVAILABILITY FACTOR	100.0%	62.7%	80.2%
21. UNIT CAPACITY FACTOR (USING MDC NET)	104.7%	60.5%	75.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	102.2%	59.0%	73.6%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	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: NA			

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

## POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**MONTH DECEMBER - 1998

DOCKET NO. 50-266  
UNIT NAME: Point Beach, Unit 1  
DATE: 01/04/99  
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>512</u>	21	<u>508</u>
2	<u>504</u>	12	<u>514</u>	22	<u>507</u>
3	<u>482</u>	13	<u>512</u>	23	<u>506</u>
4	<u>491</u>	14	<u>512</u>	24	<u>506</u>
5	<u>512</u>	15	<u>513</u>	25	<u>504</u>
6	<u>510</u>	16	<u>512</u>	26	<u>512</u>
7	<u>529</u>	17	<u>505</u>	27	<u>509</u>
8	<u>496</u>	18	<u>507</u>	28	<u>512</u>
9	<u>511</u>	19	<u>507</u>	29	<u>506</u>
10	<u>512</u>	20	<u>508</u>	30	<u>510</u>
				31	<u>508</u>



POINT BEACH NUCLEAR PLANT

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH DECEMBER - 1998

Docket No. 50-266  
 Unit Name Point Beach, Unit 1  
 Date 1/5/1999  
 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
--	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. 50-266  
UNIT NAME Point Beach Unit 1  
DATE 01/05/99  
COMPLETED BY M. B. Koudelka  
TELEPHONE 920/755-6480

The daily power average for Unit 1 during December, 1998, was 508 MWe.

The following Licensee Event Reports (LERs) were submitted to the NRC during December, 1998:

LER 266/1998-028-00, Missed Surveillance Required by Section XI Pressure Test Program.

LER 266/1998-030-00, Assumptions for Equipment Necessary to Maintain Hot Safe Shutdown Outside Appendix R Design Basis.

Safety-related maintenance included:

1. D-07 D-05 dc station battery charger low voltage sensing relay tested and adjusted.
2. 1P-10A&B residual heat removal pumps reducer bushing and oiler replaced.
3. 1SW-2959 HX-15A containment recirculation heat exchanger outlet relief valve tested.

# OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 01/05/99

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: December - 1998
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.0
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.0
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:

### NOTES

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA
10. REASONS FOR RESTRICTIONS, (IF ANY):  
NA

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	8,760.0	231,577.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	96.2	6,656.1	194,541.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	95.7	6,609.7	191,906.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	79,862.0	9,616,108.0	275,792,056.0
17. GROSS ELECTRICAL ENERGY GENERATED	26,830.0	3,278,790.0	93,758,340.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	23,623.0	3,121,657.5	89,342,418.5
19. UNIT SERVICE FACTOR	12.9%	75.5%	82.9%
20. UNIT AVAILABILITY FACTOR	12.9%	75.5%	83.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	6.5%	73.5%	79.1%
22. UNIT CAPACITY FACTOR (USING DER NET)	6.4%	71.7%	77.6%
23. UNIT FORCED OUTAGE RATE	0.0%	18.5%	2.4%
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: 02/12/99			

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977



## POINT BEACH NUCLEAR PLANT

**AVERAGE DAILY UNIT POWER LEVEL**MONTH DECEMBER - 1998

DOCKET NO. 50-301  
UNIT NAME: Point Beach, Unit 2  
DATE: 01/04/99  
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>320</u>	11	<u>-2</u>	21	<u>0</u>
2	<u>264</u>	12	<u>-2</u>	22	<u>0</u>
3	<u>250</u>	13	<u>-2</u>	23	<u>0</u>
4	<u>215</u>	14	<u>-2</u>	24	<u>-1</u>
5	<u>-16</u>	15	<u>-2</u>	25	<u>0</u>
6	<u>-15</u>	16	<u>-2</u>	26	<u>0</u>
7	<u>-5</u>	17	<u>-1</u>	27	<u>0</u>
8	<u>-2</u>	18	<u>0</u>	28	<u>0</u>
9	<u>-2</u>	19	<u>0</u>	29	<u>0</u>
10	<u>-2</u>	20	<u>0</u>	30	<u>-2</u>
				31	<u>-2</u>

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

REPORT MONTH DECEMBER - 1998

Docket No. 50-301  
 Unit Name Point Beach, Unit 2  
 Date 1/5/1999  
 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	981104	S	648.3	C	1	NA	NA	NA	The unit began its 23 <sup>rd</sup> refueling outage at 2316 hours on December 4, 1998.

<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	01/05/99
COMPLETED BY	M. B. Koudelka
TELEPHONE	920/755-6480

The daily power average for Unit 2 during December was 31.7 MWe.

Safety-related maintenance included:

1. 2A52-89 bus 2A-06 feed to 2X-14 station service transformer supply breaker maintenance and reduced voltage test performed.
2. 2B52-25B feed to 2B-04 from 2X-14 station service transformer breaker maintenance and reduced voltage test performed.
3. 2B52-26C tie to 2B00-44C on 2B-02 bus reduced voltage test performed.
4. 2B52-28C power to B-21 south service building motor control center reduced voltage test performed.
5. 2CC-738A&B-O HX-11A&B residual heat removal heat exchangers shell side inlet operator handwheel housing fastener washers replaced.
6. 2CC-754A&B-O P-1A&B reactor coolant pump component cooling inlet motor-operated valve operator handwheel housing fasteners replaced.
7. 2CC-759A and 2CC-759B-O P-1A&B reactor coolant pump component cooling outlet motor-operated valve and operator handwheel housing fasteners replaced.
8. 2CC-815-O T-12 component cooling surge tank emergency makeup water inlet operator handwheel fasteners and locked washers replaced.
9. 2CV-313-O P-1A&B reactor coolant pump #1 seal water return isolation operator
10. 2FT-464, 2FT-465, 2FT-474 and 2FT-475 HX-1A&B steam generator steam flow transmitters tested.
11. 2P-1B-M reactor coolant pump motor diagnostics test performed.
12. 2P-10B residual heat removal pump oiler replaced.
13. 2SI-832D T-34A safety injection accumulator LT-939 lower isolation valve cleaned and cycled.

14. 2SI-860A-O P-14A containment spray pump discharge redundant isolation operator handwheel housing fasteners replaced.
15. 2SI-878B-O P-15A safety injection pump Loop B injection operator handwheel fasteners and washers replaced.
16. 2SI-896A&B-O P-15A&B safety injection pump suction valve operator handwheel fasteners replaced.