



**Wisconsin
Electric**
POWER COMPANY

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

(414) 755-2321

PBL 96-0245

November 5, 1996

Document Control Desk
U. S. NUCLEAR REGULATORY COMMISSION
Mail Station P1-137
Washington, DC 20555

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 1996.

Sincerely,

S. A. Patulski
General Manager Nuclear Operations

smb

Attachments

cc: L. L. Smith, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 11/04/96

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: October - 1996
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE 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:
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	7,320.0	227,808.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6,755.5	191,409.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	745.0	6,709.6	188,191.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,130,718.0	10,110,106.0	267,326,255.0
17. GROSS ELECTRICAL ENERGY GENERATED	386,610.0	3,443,190.0	90,349,560.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	369,977.0	3,292,919.5	86,146,004.0
19. UNIT SERVICE FACTOR	100.0%	91.7%	82.6%
20. UNIT AVAILABILITY FACTOR	100.0%	91.7%	83.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.4%	92.8%	77.6%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.9%	90.5%	76.1%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.5%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling, 03/29/97, 35 days			
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 LEVELMONTH OCTOBER - 1996

DOCKET NO.

50-266

UNIT NAME

Point Beach, Unit 1

DATE

11/4/96

COMPLETED BY

Brian J. Vander Velde

TELEPHONE

(414) 755-6681

<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>498</u>	11	<u>496</u>	21	<u>494</u>
2	<u>494</u>	12	<u>497</u>	22	<u>497</u>
3	<u>494</u>	13	<u>497</u>	23	<u>496</u>
4	<u>495</u>	14	<u>497</u>	24	<u>497</u>
5	<u>500</u>	15	<u>496</u>	25	<u>497</u>
6	<u>496</u>	16	<u>498</u>	26	<u>497</u>
7	<u>497</u>	17	<u>502</u>	27	<u>517</u>
8	<u>495</u>	18	<u>491</u>	28	<u>497</u>
9	<u>496</u>	19	<u>497</u>	29	<u>497</u>
10	<u>497</u>	20	<u>499</u>	30	<u>497</u>
				31	<u>497</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER - 1996

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date 11/4/96
Completed By B. J. Vander Velden
Telephone No. 414/755-6681

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	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

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 11/4/96
COMPLETED BY B. J. Vander Velde
TELEPHONE 414/755-6681

Unit 1 operated at an average of 497 MWe net for the October, 1996 report period.

The following Licensee Event Report was submitted to the NRC in October, 1996:

Licensee Event Report 266/96-009, Component Cooling Water Outside Design Basis For Closed System Outside Containment.

Safety-related maintenance included:

1. DY-03 white inverter static transfer switch setpoints changed.
2. HX-13A/B spent fuel pool heat exchanger return throttle valve repaired.
3. G-03 emergency diesel generator inspected.
4. C-178 blue computer input mux power supply and central processing unit replaced.
5. MS-2016 steam generator steam header atmospheric steam dump control cam replaced.

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 11/04/96

COMPLETED BY: B. J. Vander Veide

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: October - 1996
3. LICENSED THERMAL POWER (MWT): 1518.5
4. NAMEPLATE 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:
NA
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NA
10. REASONS FOR RESTRICTIONS, (IF ANY):
NA

NOTES

	THIS MON. H	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745.0	7,320.0	212,593.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	101.0	6,660.5	185,987.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	98.0	6,653.9	183,508.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	130,531.0	9,072,854.0	263,605,007.0
17. GROSS ELECTRICAL ENERGY GENERATED	44,610.0	3,100,050.0	89,603,310.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	40,253.0	2,950,348.5	85,414,998.0
19. UNIT SERVICE FACTOR	13.2%	90.9%	86.3%
20. UNIT AVAILABILITY FACTOR	13.2%	90.9%	86.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	11.1%	83.1%	82.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	10.9%	81.1%	80.8%
23. UNIT FORCED OUTAGE RATE	0.0%	0.3%	0.9%
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: 12/25/96			

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

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVELMONTH OCTOBER - 1996DOCKET NO. 50-301UNIT NAME Point Beach, Unit 2DATE 11/4/96COMPLETED BY Brian J. Vander VeldeTELEPHONE (414) 755-6681

<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>446</u>	11	<u>-2</u>	21	<u>-2</u>
2	<u>447</u>	12	<u>-2</u>	22	<u>-2</u>
3	<u>448</u>	13	<u>-2</u>	23	<u>-2</u>
4	<u>420</u>	14	<u>-2</u>	24	<u>-2</u>
5	<u>-11</u>	15	<u>-2</u>	25	<u>-2</u>
6	<u>-16</u>	16	<u>-2</u>	26	<u>-2</u>
7	<u>-7</u>	17	<u>-2</u>	27	<u>-2</u>
8	<u>-2</u>	18	<u>-2</u>	28	<u>-2</u>
9	<u>-2</u>	19	<u>-2</u>	29	<u>-2</u>
10	<u>-2</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 - 1996

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date 11/5/96
Completed By B. J. Vander Velde
Telephone No. 414/755-6681

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
4	961005	S	647.0	C	1	NA	NA	NA	Scheduled refueling and maintenance (U2R22). Major work items include: Replacing both Unit 2 steam generators; main control board wire separation resolution; replace 8 main steam condenser valves; HP turbine crossunder piping; repair service water west header; replace boric acid and reactor makeup water totalizers; replace safety injection accumulator level transmitters; modify X02, X03, and X04 transformer metering and relay circuits; and exciter modification.

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)

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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 11/4/96
COMPLETED BY B. J. Vander Velde
TELEPHONE 414/755-6681

Unit 2 operated at an average of 54 MWe net for the October, 1996 report period.

Safety-related maintenance included:

1. DPI-02906 containment recirculation fan motor clear differential pressure indicator cleaned.
2. FI-00115 reactor coolant pump seal water injection flow indicator fitting cleaned.
3. N-00031 nuclear instrument source range detector replaced.
4. R-1 reactor vessel and assembly inspected.