



**Wisconsin
Electric**
POWER COMPANY

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

(414) 755-2321

PBL 96-0163

August 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 July 1996.

Sincerely,

S. A. Parnold
PBNP Manager

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: 08/05/96

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: July - 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

NOTES

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	5,111.0	225,599.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,546.5	189,200.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	744.0	4,500.6	185,982.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,128,942.0	6,759,093.0	263,975,242.0
17. GROSS ELECTRICAL ENERGY GENERATED	384,840.0	2,305,770.0	89,212,140.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	368,276.0	2,204,887.5	85,057,972.0
19. UNIT SERVICE FACTOR	100.0%	88.1%	82.4%
20. UNIT AVAILABILITY FACTOR	100.0%	88.1%	82.8%
21. UNIT CAPACITY FACTOR (USING MDC NET)	102.1%	88.9%	77.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	99.6%	86.8%	75.9%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.5%

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 LEVELMONTH JULY - 1996DOCKET NO. 50-266UNIT NAME Point Beach, Unit 1DATE 8/1/96COMPLETED 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>496</u>	11	<u>496</u>	21	<u>487</u>
2	<u>497</u>	12	<u>496</u>	22	<u>496</u>
3	<u>496</u>	13	<u>496</u>	23	<u>496</u>
4	<u>496</u>	14	<u>496</u>	24	<u>496</u>
5	<u>496</u>	15	<u>497</u>	25	<u>495</u>
6	<u>497</u>	16	<u>497</u>	26	<u>495</u>
7	<u>493</u>	17	<u>496</u>	27	<u>494</u>
8	<u>496</u>	18	<u>497</u>	28	<u>490</u>
9	<u>496</u>	19	<u>497</u>	29	<u>492</u>
10	<u>495</u>	20	<u>497</u>	30	<u>489</u>
				31	<u>489</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONSREPORT MONTH JULY - 1996

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 8/5/96
 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
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	8/5/96
COMPLETED BY	B. J. Vander Velde
TELEPHONE	414/755-6681

Unit 1 operated at an average of 495 MWe net for the July, 1996 report period.

Safety-related maintenance included:

1. P-1B reactor coolant pump, flow indicators calibrated.
2. HX-1B steam generator, level controller box replaced.
3. P-10A/B residual heat removal pump, boric acid cleaned and fittings tightened.
4. HX-3A/B non-regenerative heat exchanger, fittings tightened.
5. C-2 personnel access air lock, seals cleaned.
6. PT-485 high pressure turbine, drawings updated.
7. HX-8B boric acid evaporator, gaskets replaced.
8. D-07 DC station battery charger, caps replaced.
9. HB-19 service water piping to engineered safeguards, temporary patch installed.
10. SC-953 hot leg sample line, fitting replaced.

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 08/05/96

COMPLETED BY: B. J. Vander Velde

TELEPHONE: 414-755-6681

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: July - 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): Power 90%
10. REASONS FOR RESTRICTIONS, (IF ANY):
Self-imposed restriction because of SG tube plugging, pending further evaluation.

NOTES

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	5,111.0	210,384.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,095.5	184,422.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	744.0	5,091.9	181,946.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,015,429.0	6,946,734.0	261,478,887.0
17. GROSS ELECTRICAL ENERGY GENERATED	347,150.0	2,381,260.0	88,884,520.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	330,426.0	2,269,094.5	84,733,744.0
19. UNIT SERVICE FACTOR	100.0%	99.6%	86.5%
20. UNIT AVAILABILITY FACTOR	100.0%	99.6%	86.6%
21. UNIT CAPACITY FACTOR (USING MDC NET)	91.6%	91.5%	82.5%
22. UNIT CAPACITY FACTOR (USING DER NET)	89.4%	89.3%	81.0%
23. UNIT FORCED OUTAGE RATE	0.0%	0.4%	0.9%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling/SGRP, 10/05/96, 70 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

DOCKET NO. 50-301

AVERAGE DAILY UNIT POWER LEVEL

UNIT NAME Point Beach, Unit 2

MONTH JULY - 1996

DATE 8/1/96

COMPLETED BY Brian J. Vander Velde

TELEPHONE (414) 755-6681

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	446	11	446	21	444
2	446	12	446	22	429
3	446	13	447	23	436
4	446	14	447	24	445
5	447	15	446	25	444
6	446	16	446	26	444
7	446	17	447	27	444
8	446	18	447	28	439
9	445	19	446	29	442
10	444	20	448	30	438
				31	438

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY - 1996

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date 8/5/96
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
2	960722	NA	0	B	5	NA	CH	PUMPB	The unit was reduced to 80% power for repair of 2P27A heater drain tank pump and to perform atmospheric steam dump tests, stop valve tests, and crossover steam dump tests.

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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data entry sheets
LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO.	50-301
UNIT NAME	Point Beach Unit 2
DATE	8/5/96
COMPLETED BY	B. J. Vander Velde
TELEPHONE	414/755-6681

Unit 2 operated at an average of 444 MWe net for the July, 1996 report period.

Safety-related maintenance included:

1. MS-2016 steam generator steam header atmospheric steam dump control valve, pipe cap seal welded and packing adjusted.