



**Wisconsin
Electric**
POWER COMPANY

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

(414) 755-2321

PBL 96-0109

May 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 April 1996.

Sincerely,

G. J. Maxfield
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: 05/07/96

COMPLETED BY: M. B. Koudelka

TELEPHONE: 414 755-6480

OPERATING STATUS

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

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.0	2,903.0	223,391.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	197.7	2,338.5	186,992.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	154.5	2,292.6	183,774.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	170031.0	3410754.0	260626903.0
17. GROSS ELECTRICAL ENERGY GENERATED	56680.0	1161750.0	88068120.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	51251.0	1109759.0	83962843.5
19. UNIT SERVICE FACTOR	21.5%	79.0%	82.3%
20. UNIT AVAILABILITY FACTOR	21.5%	79.0%	82.6%
21. UNIT CAPACITY FACTOR (USING MDC NET)	14.7%	78.8%	77.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	14.3%	76.9%	75.6%
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 APRIL - 1996DOCKET NO. 50-266UNIT NAME Point Beach, Unit 1DATE 5/7/96COMPLETED BY M. B. KoudelkaTELEPHONE 414-755-6480

<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>-3</u>	11	<u>-2</u>	21	<u>-12</u>
2	<u>-2</u>	12	<u>-2</u>	22	<u>-13</u>
3	<u>-2</u>	13	<u>-2</u>	23	<u>-15</u>
4	<u>-2</u>	14	<u>-2</u>	24	<u>30</u>
5	<u>-2</u>	15	<u>-2</u>	25	<u>163</u>
6	<u>-2</u>	16	<u>-2</u>	26	<u>275</u>
7	<u>-2</u>	17	<u>-2</u>	27	<u>326</u>
8	<u>-2</u>	18	<u>-2</u>	28	<u>437</u>
9	<u>-2</u>	19	<u>-3</u>	29	<u>498</u>
10	<u>-2</u>	20	<u>-11</u>	30	<u>498</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 1996

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date May 7, 1996
Completed By M. B. Koudelka
Telephone No. 414/755-6480

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	3/30/96	S	564.5	C	1	NA	NA	NA	Scheduled refueling and maintenance (UIR23). Major work items include replacing boric acid/reactor makeup water transmitters; reactor head shield work; Phase 3D of emergency diesel generator tie-in work; replace IMS-2015/2016 atmospheric steam dump valves; replace HP turbine exhaust crossunder piping; station service transformers anchorages; replace eight main steam condenser dump valves; and install containment isolation valve for N2 supply lines to safety injection.

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 May 6, 1996
COMPLETED BY M. B. Koudelka
TELEPHONE 414/755-6480

Unit 1 was in its twenty-third refueling outage and operated at an average of 71 MWe net for the report period.

Safety-related maintenance included:

1. 1A06 4.16 kV bus switchgear dc ground located and corrected.
2. 1CS-466 HX-1A steam generator feedwater regulator control valve cleaned, inspected and body-to-bonnet gasket replaced.
3. 1CV-289 P2B charging pump discharge valve repacked.
4. DY-14 safe shutdown panel inverter capacitor, wiring and cooling fan replaced.
5. G-01 and G-02 emergency diesel generator governor setpoint and no load speed adjusted.
6. 1MS-317 HX-1B steam generator sample to MS-2084 inlet valve repacked.
7. 1MS-2015 and 1MS-2016 HX-1A&B steam generator header atmospheric steam dump control valves replaced.
8. 1MS-2082 P29 auxiliary feedwater pump overspeed trip valve stem set screw inspected.
9. 1N-32 nuclear instrumentation source range channel resistor, detector and pre-amp replaced.
10. 1P-2C charging pump varidrive replaced.
11. 1P-15A safety injection pump oil sightglass installed.
12. 1P-29-T turbine-driven auxiliary feedwater pump turbine inboard/outboard bearing oil changed.
13. P38A-M motor-driven auxiliary feedwater pump motor load tested and amptector setpoint verified.
14. 1RC-431A T1 pressurizer spray line pressure control valve cage spacer and body-to-bonnet gasket replaced.

15. 1SI-834C T34A&B safety injection accumulator nitrogen inlet isolation test connection and containment isolation valve installed.
16. 1SI-847A eductor A sodium hydroxide supply check valve replaced.
17. 1SW-2908-M HX-15A-D containment recirculation heat exchanger emergency flow control valve motor replaced.
18. 1W1C1 containment accident recirculation fan, shaft and spoolpiece balanced.
19. 1WL-1003A P18 reactor coolant drain tank pump suction switch selector operator replaced.
20. Eight main steam condenser steam dump valves replaced.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 05/07/96

COMPLETED BY: M. B. Koudelka

TELEPHONE: 414 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2	NOTES			
2. REPORTING PERIOD: April - 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.				
	THIS MONTH	YEAR TO DATE	CUMULATIVE	
11. HOURS IN REPORTING PERIOD	719.0	2,903.0	208,176.0	
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,903.0	182,230.1	
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9	
14. HOURS GENERATOR ON LINE	719.0	2,903.0	179,757.4	
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2	
16. GROSS THERMAL ENERGY GENERATED (MWH)	982621.0	3966034.0	258498187.0	
17. GROSS ELECTRICAL ENERGY GENERATED	336930.0	1360390.0	87863650.0	
18. NET ELECTRICAL ENERGY GENERATED (MWH)	321180.0	1297686.0	83762335.5	
19. UNIT SERVICE FACTOR	100.0%	100.0%	86.3%	
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	86.5%	
21. UNIT CAPACITY FACTOR (USING MDC NET)	92.1%	92.2%	82.4%	
22. UNIT CAPACITY FACTOR (USING DER NET)	89.9%	89.9%	81.0%	
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	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

AVERAGE DAILY UNIT POWER LEVELMONTH APRIL - 1996

DOCKET NO.

50-301

UNIT NAME

Point Beach, Unit 2

DATE

5/7/96

COMPLETED BY

M. B. Koudelka

TELEPHONE

414-755-6480

<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>447</u>	11	<u>448</u>	21	<u>445</u>
2	<u>447</u>	12	<u>464</u>	22	<u>446</u>
3	<u>446</u>	13	<u>430</u>	23	<u>446</u>
4	<u>447</u>	14	<u>447</u>	24	<u>450</u>
5	<u>447</u>	15	<u>448</u>	25	<u>442</u>
6	<u>447</u>	16	<u>448</u>	26	<u>447</u>
7	<u>428</u>	17	<u>448</u>	27	<u>442</u>
8	<u>447</u>	18	<u>449</u>	28	<u>450</u>
9	<u>448</u>	19	<u>447</u>	29	<u>446</u>
10	<u>447</u>	20	<u>445</u>	30	<u>445</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 1996

Docket No. 50-266
Unit Name Point Beach, Unit 2
Date May 7, 1996
Completed By M. B. Koudelka
Telephone No. 414/755-6480

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
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
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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 May 6, 1996
COMPLETED BY M. B. Koudelka
TELEPHONE 414/755-6480

Unit 2 operated at an average of 446 MWe net for the report period.