



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

(414) 755-2321

PBL 96-0086

April 8, 1996

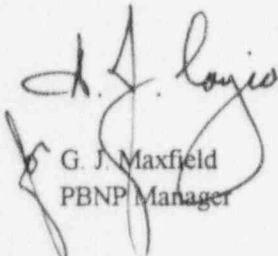
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U. S. NUCLEAR REGULATORY COMMISSION  
Mail Station P1-137  
Washington, DC 20555

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 March 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: 04/04/96

COMPLETED BY: M. B. Koudelka

TELEPHONE: 414 755-6480

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1 . NOTES
2. REPORTING PERIOD: March - 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	744.0	2,184.0	222,672.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	700.8	2,140.8	186,795.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	698.1	2,138.1	183,619.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1056623.0	3240723.0	260456872.0
17. GROSS ELECTRICAL ENERGY GENERATED	361190.0	1105070.0	88011440.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	345606.0	1058508.0	83911592.5
19. UNIT SERVICE FACTOR	93.8%	97.9%	82.5%
20. UNIT AVAILABILITY FACTOR	93.8%	97.9%	82.8%
21. UNIT CAPACITY FACTOR (USING MDC NET)	95.8%	99.9%	77.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	93.5%	97.5%	75.8%
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: 04/23/96			

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

## POINT BEACH NUCLEAR PLANT

DOCKET NO.

50-266

AVERAGE DAILY UNIT POWER LEVEL

UNIT NAME

Point Beach, Unit 1

MONTH MARCH - 1996

DATE

4/4/96

COMPLETED BY

M. B. Koudelka

TELEPHONE

414-755-6480

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	496	11	497	21	499
2	497	12	498	22	499
3	494	13	498	23	498
4	497	14	497	24	499
5	497	15	498	25	497
6	495	16	497	26	497
7	496	17	498	27	498
8	495	18	497	28	498
9	495	19	498	29	489
10	496	20	499	30	-1
				31	-10

POINT BEACH NUCLEAR PLANT  
UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH MARCH - 1996

Docket No. 50-266  
Unit Name Point Beach, Unit 1  
Date April 8, 1996  
Completed By M. B. Koudelka  
Telephone No. 414/755-6480

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
1	3/30/96	S	45.9	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.

<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 April 8, 1996  
COMPLETED BY M. B. Koudelka  
TELEPHONE 414/755-6480

Unit 1 operated at an average of 465 MWe net for the report period.

Safety-related maintenance included:

1. 1CV-142 charging line flow control limit switch adjusted.
2. 1DY-01 Red 125 Vdc/120 Vac inverter ac output ammeter replaced and tested and the "in sync" light bulb changed.
3. G-01 emergency diesel generator relays were calibrated.
4. P32C service water pump packing adjusted.
5. 1PT-478 HX-1B steam generator steam pressure transmitter shield repaired and calibrated.
6. SW-12B HX-12B component cooling heat exchanger outlet temperature control valve replaced.

# OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 04/04/96

COMPLETED BY: M. B. Koudelka

TELEPHONE: 414 755-6480

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2	NOTES			
2. REPORTING PERIOD: March - 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	744.0	2,184.0	207,457.0	
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2,184.0	181,511.1	
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9	
14. HOURS GENERATOR ON LINE	744.0	2,184.0	179,038.4	
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2	
16. GROSS THERMAL ENERGY GENERATED (MWH)	1015450.0	2983413.0	257515566.0	
17. GROSS ELECTRICAL ENERGY GENERATED	348240.0	1023460.0	87526720.0	
18. NET ELECTRICAL ENERGY GENERATED (MWH)	332209.0	976506.0	83441155.5	
19. UNIT SERVICE FACTOR	100.0%	100.0%	86.3%	
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	86.4%	
21. UNIT CAPACITY FACTOR (USING MDC NET)	92.1%	92.2%	82.4%	
22. UNIT CAPACITY FACTOR (USING DER NET)	89.8%	90.0%	80.9%	
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

DOCKET NO. 50-301

AVERAGE DAILY UNIT POWER LEVEL

UNIT NAME Point Beach, Unit 2

MONTH MARCH - 1996

DATE 4/4/96

COMPLETED BY M. B. Koudelka

TELEPHONE 414-755-6480

DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET	DAY	AVERAGE DAILY POWER LEVEL MWe NET
1	446	11	449	21	448
2	449	12	447	22	452
3	446	13	447	23	452
4	448	14	446	24	439
5	450	15	447	25	446
6	447	16	446	26	446
7	448	17	446	27	446
8	447	18	445	28	446
9	448	19	447	29	447
10	433	20	447	30	447
				31	445

POINT BEACH NUCLEAR PLANT  
UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH MARCH - 1996

Docket No. 50-266  
 Unit Name Point Beach, Unit 2  
 Date April 8, 1996  
 Completed By M. B. Koudelka  
 Telephone No. 414/755-6480

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	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 April 8, 1996  
COMPLETED BY M. B. Koudelka  
TELEPHONE 414/755-6480

Unit 2 operated at an average of 447 MWe net for the report period.

Safety-related maintenance included:

1. CS-466 HX-1A steam generator feedwater regulator control valve stem rotated and set screws tightened.
2. 2LE-934 T-34B safety injection accumulator level element upper sensing line retubed.
3. 2MS-2019 and 2MS-2020 HX-1A&B steam generator header P-29 auxiliary feedwater pump steam supply motor-operated valves cycled.
4. 2P-2B charging pump oil tubing, Swagelok fitting, seals, O-rings and plungers replaced.
5. 2P-11A component cooling water pump outboard mechanical seal, shaft sleeve, bearings and oil seals replaced and pump case repaired.
6. 2P-29GOV-Z auxiliary feedwater turbine-driven pump governor oil changed and air vented.
7. 2SI-860A-O P-14A containment spray pump discharge redundant isolation operator studs and nuts were tightened.
8. 2T-70B P-2B charging pump discharge accumulator repaired and bladder replaced.