



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

(414) 755-2321

PBL 94-0308

October 6, 1994

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 September, 1994.

Sincerely,

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

G. J. Maxfield
PBNP Manager

djs

Attachments

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

9410170169 940930
PDR ADDCK 05000266
R PDR

A subsidiary of Wisconsin Energy Corporation

IE24
11

Point Beach Shift Operational Data Summary

September

1994

Day	Unit 1								Unit 2							
	Gen	X02	X04	X08	X27	Net MWe	Avg MWe		Gen	X02	X04	X08	X27	Net MWe	Avg MWe	
1	12380	502	28	1	5	11845	494		12290	504	41	1	5	11740	489	
2	12320	500	29	1	5	11786	491		12220	504	41	1	5	11670	486	
3	12300	501	29	1	4	11766	490		12240	505	40	1	4	11691	487	
4	10770	483	29	1	5	10253	427		12200	503	40	1	5	11652	486	
5	12340	500	30	1	5	11805	492		12230	505	41	1	5	11679	487	
6	12340	502	30	1	4	11804	492		12230	506	40	1	4	11680	487	
7	12310	502	29	1	5	11774	491		12220	506	41	1	5	11668	486	
8	12330	502	30	1	5	11793	491		12250	507	40	1	5	11698	487	
9	12280	501	31	1	5	11743	489		12180	507	39	1	5	11629	485	
10	12240	500	27	1	4	11709	488		12150	504	35	1	4	11607	484	
11	12250	499	29	1	4	11718	488		12170	504	38	1	4	11624	484	
12	12310	501	29	1	5	11774	491		12210	506	40	1	5	11658	486	
13	12310	502	29	1	5	11774	491		12210	506	41	1	5	11658	486	
14	12290	501	29	1	5	11755	490		12190	506	41	1	5	11638	485	
15	12270	501	29	1	5	11735	489		12180	506	39	1	5	11630	485	
16	12390	502	29	1	5	11854	494		12140	505	39	1	5	11591	483	
17	12380	506	30	1	4	11839	493		12000	503	39	1	4	11453	477	
18	12280	494	29	1	5	11752	490		11760	501	40	1	5	11214	467	
19	12250	501	29	1	4	11715	488		11660	501	40	1	4	11114	463	
20	12260	501	29	1	5	11724	489		11580	502	39	1	5	11033	460	
21	12300	501	32	1	7	11760	490		11410	498	38	1	7	10867	453	
22	12340	502	37	1	3	11798	492		11370	500	33	1	3	10834	451	
23	12330	500	38	1	4	11787	491		10680	491	35	1	4	10149	423	
24	12350	501	37	1	5	11807	492		230	14	385	1	5	-174	-7	
25	12510	510	38	1	5	11957	498		0	0	321	1	5	-327	-14	
26	11960	487	40	1	4	11429	476		0	0	52	1	4	-56	-2	
27	12260	500	79	1	4	11677	487		0	0	4	1	4	-9	0	
28	12270	500	46	1	4	11719	488		0	0	42	1	4	-47	2	
29	12270	499	42	1	5	11724	489		0	0	46	1	5	-51	-2	
30	12260	500	39	1	4	11717	488		0	0	45	1	4	-50	-2	

MONTHLY TOTALS - UNIT 1

Gross generation: 367450 MWhr
 Total station service: 16164 MWhr
 Net generation: 351287 MWhr
 Average daily power: 488 MWe

MONTHLY TOTALS - UNIT 2

Gross generation: 276000 MWhr
 Total station service: 13541 MWhr
 Net generation: 262460 MWhr
 Average daily power: 365 MWe

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 10/05/94

COMPLETED BY: M. B. Koudelka

TELEPHONE: 414-755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1 . NOTES .
2. REPORTING PERIOD: September - 1994 .
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	720.0	6,551.0	209,519.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5,925.6	174,644.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	720.0	5,877.1	171,517.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,089,561	8,742,192	242,223,962
17. GROSS ELECTRICAL ENERGY GENERATED	367,450	2,957,720	81,811,850
18. NET ELECTRICAL ENERGY GENERATED (MWH)	351,286	2,826,716	77,982,306
19. UNIT SERVICE FACTOR	100.0%	89.7%	81.9%
20. UNIT AVAILABILITY FACTOR	100.0%	89.7%	82.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.6%	89.0%	76.4%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.2%	86.8%	74.9%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.5%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling Outage, 03/11/95, 39 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

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE October 5, 1994
COMPLETED BY M. B. Koudelka
TELEPHONE 414/755-6480

Unit 1 operated at an average of 488 MWe net for the report period.

Licensee Event Report 50-266/94-008-00, Containment Integrity Requirements Not Satisfied During Valve Testing, was submitted.

Safety-related maintenance included:

1. C01 safeguards control board fuel oil control wiring modification.
2. C02 electrical control board pre-wiring for new 2A06 panel.
3. 1C075 turbine IOPS main trip panel relay 01-B replacement.
4. 1CC-V-22 and 1CC-V-23 P11A&B component cooling pump casing vent valve replacements.
5. 1CS-466AA and 1CS-476AA HX-1A&B steam generator feedwater check valves heat tracing installation.
6. G02 emergency diesel generator relay STL02 readjustment and PT fuse replacements.
7. G04 emergency diesel generator starting air motor rebuilds.
8. 1N42 and 1N46 power range channel adjustments.
9. 1P2C charging pump bonnet and diaphragm replacement.
10. 1P11A component cooling pump bolts were tightened.
11. 1SI-151R-08 safety injection/containment spray full flow test line common header pipe support addition.

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER - 1994

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date October 5, 1994
Completed By M. B. Koudelka
Telephone No. 414/755-6480

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor 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

POINT BEACH NUCLEAR PLANT

DOCKET NO. 50-266

AVERAGE DAILY UNIT POWER LEVEL

UNIT NAME Point Beach, Unit 1

MONTH SEPTEMBER 1994

DATE October 5, 1994

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	494	11	488	21	490
2	491	12	491	22	492
3	490	13	491	23	491
4	427	14	490	24	492
5	492	15	489	25	498
6	492	16	494	26	476
7	491	17	493	27	487
8	491	18	490	28	488
9	489	19	488	29	489
10	488	20	489	30	488

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 10/05/94

COMPLETED BY: M. B. Koudelka

TELEPHONE: 414-755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2	NOTES		
2. REPORTING PERIOD: September - 1994			
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	720.0	6,551.0	194,304.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	556.0	6,387.0	170,587.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	554.5	6,385.5	168,252.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	821,279	9,588,393	241,959,577
17. GROSS ELECTRICAL ENERGY GENERATED	276,000	3,243,160	82,267,420
18. NET ELECTRICAL ENERGY GENERATED (MWH)	262,459	3,100,336	78,430,976
19. UNIT SERVICE FACTOR	77.0%	97.5%	86.6%
20. UNIT AVAILABILITY FACTOR	77.0%	97.5%	86.7%
21. UNIT CAPACITY FACTOR (USING MDC NET)	75.2%	97.6%	82.6%
22. UNIT CAPACITY FACTOR (USING DER NET)	73.3%	95.2%	81.2%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	1.0%
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:			
10/30/94			

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

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE October 5, 1994
COMPLETED BY M. B. Koudelka
TELEPHONE 414/755-6480

Unit 2 operated at an average of 365 MWe net for the report period. The unit was shutdown for a refueling and maintenance outage on September 24, 1994.

Safety-related maintenance included:

1. 2CS-466AA HX-1A steam generator feedwater check valve pressure seal and hinge pin gasket replacements.
2. 2P15B-M safety injection pump motor megged and main power cables connected for new diesel project.
3. 2SI-841A-O, 2SI-878A-O, 2SI-878B-O, 2SI-878C-O and 2SI-878D-O P15A&B safety injection pump and accumulator operators 4-rotor limit switch installations.
4. 2SW-2907 HX-15A-D containment recirculation heat exchanger emergency flow control valve packing adjustment.

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER - 1994

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date October 5, 1994
Completed By M. B. Koudelka
Telephone No. 414/755-6480

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
2	9/24/94	S	866	C	I	NA	NA	NA	Scheduled refueling and maintenance outage (U2R20). Major work items include amptector upgrades, RHR pump rotor replacement, 4-rotor limit switch upgrades, main feedwater check valve replacements, reactor heat shield, SI-854A&B internals replacement, Gai-tronics upgrade, G04 emergency diesel generator tie-in work, reactor coolant pump seal water flow transmitter replacement, safeguards sequence timing relay replacements, control rod drive mechanism control current timing modification, degraded grid voltage relay work, steam generator blowdown heat exchanger replacement, and containment service water pipe supports as part of continued Bulletin 79-14 upgrades.

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

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER 1994DOCKET NO. 50-301UNIT NAME Point Beach, Unit 2DATE October 5, 1994COMPLETED BY M. B. KoudelkaTELEPHO 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	489	11	484	21	453
2	486	12	486	22	451
3	487	13	486	23	423
4	486	14	485	24	-7
5	487	15	485	25	-14
6	487	16	483	26	-2
7	486	17	477	27	0
8	487	18	467	28	-2
9	485	19	463	29	-2
10	484	20	460	30	-2