



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

(920) 755-2321

NPL 99-0273

May 6, 1999

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

Ladies/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, 1999.

Sincerely,

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

Vito A. Kaminskas
Manager,
Regulatory Services & Licensing

MBK/tja

Attachments

cc: J. D. Loock, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

9905170197 990430
PDR ADOCK 05000266
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 05/04/99

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: April - 1999
3. LICENSED THERMAL POWER (MW.T): 1,518.5
4. NAMEPLATING 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:

NOTES

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): n/a
10. REASONS FOR RESTRICTIONS, (IF ANY):
n/a

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.0	2,879.0	249,671.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	612.8	2,725.7	203,072.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	598.7	2,703.3	199,720.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	877,339.0	4,008,769.0	283,848,072.0
17. GROSS ELECTRICAL ENERGY GENERATED	303,120.0	1,398,360.0	96,085,460.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	288,449.5	1,338,022.5	91,589,747.0
19. UNIT SERVICE FACTOR	83.3%	93.9%	80.0%
20. UNIT AVAILABILITY FACTOR	83.3%	93.9%	80.3%
21. UNIT CAPACITY FACTOR (USING MDC NET)	82.7%	95.8%	75.3%
22. UNIT CAPACITY FACTOR (USING DER NET)	80.7%	93.5%	73.8%
23. UNIT FORCED OUTAGE RATE	0.0%	2.0%	4.6%

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

refueling, 10/16/99, 43 days

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

n/a

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

POINT BEACH NUCLEAR PLANT

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 05/04/99
 COMPLETED BY: M. B. Koudelka
 TELEPHONE: (920) 755-6480

AVERAGE DAILY UNIT POWER LEVEL

MONTH APRIL - 1999

<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	508	11	502	21	503
2	506	12	504	22	446
3	506	13	503	23	-12
4	506	14	503	24	-8
5	502	15	502	25	-17
6	496	16	498	26	-9
7	504	17	502	27	-18
8	505	18	502	28	168
9	504	19	504	29	420
10	496	20	503	30	512

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 1999

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 5/4/1999
 Completed By M. B. Koudelka
 Telephone No. 920/755-5480

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	990423	S	120.3	B	I	N/A	N/A	N/A	A four day maintenance outage was performed in April, 1999. Repair work performed included: Auxiliary feedwater pump recirculation line weld; El 66' containment hatch; main steam dump valves; W-3A control rod drive mechanism cooling fan; main generator disconnect; and blowdown system valves.

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 05/05/99
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 1 during April, 1999, was 401.3 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during April, 1999:

LER 266/1999-001-01, Safety Injection Recirculation Line to Refueling Water Storage Tank Frozen.

Safety-related maintenance included:

1. 1A52-86 alternate power to 1A-06 from G-04 emergency diesel generator reduced voltage test performed.
2. 1C-1 equipment access air lock O-ring lubricated.
3. 1C-2 personnel access air lock O-ring lubricated and linkage repaired.
4. RO-04008 P-38A auxiliary feedwater pump mini-recirculation orifice elbow, pipe, flow tap tube and valve replaced.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 05/04/99

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: April - 1999
3. LICENSED THERMAL POWER (MWT): 1,518.5
4. NAMEPLATING 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:

n/a

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): na/

10. REASONS FOR RESTRICTIONS, (IF ANY):

n/a

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.0	2,879.0	234,456.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	1,463.0	196,004.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	719.0	1,321.5	193,228.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,090,937.0	1,895,892.0	277,687,948.0
17. GROSS ELECTRICAL ENERGY GENERATED	385,440.0	662,040.0	94,420,380.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	369,306.5	626,398.5	89,968,817.0
19. UNIT SERVICE FACTOR	100.0%	45.9%	82.4%
20. UNIT AVAILABILITY FACTOR	100.0%	45.9%	82.5%
21. UNIT CAPACITY FACTOR (USING MDC NET)	105.9%	44.9%	78.7%
22. UNIT CAPACITY FACTOR (USING DER NET)	103.3%	43.8%	77.2%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	2.4%

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:

n/a

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

NOTES

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 05/04/99
 COMPLETED BY: M. B. Koudelka
 TELEPHONE: (920) 755-6480

MONTH APRIL - 1999

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
1	515
2	514
3	517
4	516
5	514
6	515
7	515
8	513
9	514
10	513

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
11	514
12	514
13	510
14	515
15	517
16	512
17	516
18	513
19	514
20	513

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
21	513
22	513
23	512
24	511
25	514
26	513
27	512
28	514
29	516
30	508

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 1999

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 5/4/1999
 Completed By M. B. Koudeilka
 Telephone No. 920/755-6480

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

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. 50-301
UNIT NAME Point Beach Unit 2
DATE 05/05/99
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 2 during April, 1999, was 513.6 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during April, 1999:

LER 301/99-002-00, Red Channel of Steam Generator Pressure Indication Passes Through Fire Zone.

Safety-related maintenance included:

1. 2CV-00204A HX-3A&B non-regen heat exchanger inlet valve stem replaced.
2. 2DY-03 white 125 VDC/120 VAC inverter capacitors replaced and voltage adjusted.
3. 2MS-00268 HX-1B steam generator blowdown line drain valve replaced.
4. 2MS-02015 HX-1B steam generator header atmospheric steam dump control valve trim assembly replaced.
5. 2RC-00523A R-1 reactor vessel level indicator overpressure protection relief valve installed.
6. 2RC-00529 T-2 pressure relief tank reactor makeup water inlet check valve canopy seal ring installed.
7. 2RC-00537 RC-500J&K reactor vessel LT-447/447A thermal relief valve installed.
8. 2RC-00545D HX-1A steam generator cold leg channelhead vent overpressure protection relief valve installed.
9. 2RC-00546D HX-1B steam generator hot leg channelhead vent overpressure protection relief valve installed.
10. 2RC-00547D HX-1A steam generator hot leg channelhead vent overpressure protection relief valve installed.
11. 2RC-00548D HX-1B steam generator cold leg channelhead vent overpressure protection relief valve installed.
12. 2RH-00720 residual heat removal return to reactor coolant system valve seal weld performed.