



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

(920) 755-2321

NPL 98-0084

February 6, 1998

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 January, 1998.

Sincerely,

A handwritten signature in black ink, appearing to read 'Douglas F. Johnson', is written over a faint, larger version of the same signature.

Douglas F. Johnson
Manager -
Regulatory Services & Licensing

lad

Attachments

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

IE24/1

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PDR ADOCK 05000266
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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 02/04/98

COMPLETED BY: M. B. Koudelka

TELEPHONE: 920-755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1 NOTES
2. REPORTING PERIOD: January - 1998
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	744.0	238,776.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	195,535.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ON LINE	744.0	744.0	192,271.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,065,293.0	1,065,293.0	273,157,346.0
17. GROSS ELECTRICAL ENERGY GENERATED	376,100.0	376,100.0	92,363,860.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	360,520.5	360,520.5	88,042,361.5
19. UNIT SERVICE FACTOR	100.0%	100.0%	80.5%
20. UNIT AVAILABILITY FACTOR	100.0%	100.0%	80.9%
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.9%	99.9%	75.7%
22. UNIT CAPACITY FACTOR (USING DER NET)	97.5%	97.5%	74.2%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	4.8%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling, 02/13/98, 88 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
UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH JANUARY - 1998

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 2/3/98
 Completed By M. B. Koudelka
 Telephone No. 920/755-6480

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Reactor Shut Down ³	License: 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

AVERAGE DAILY UNIT POWER LEVEL

MONTH JANUARY - 1998

DOCKET NO. 50-266

UNIT NAME Point Beach, Unit 1

DATE 2/2/98

COMPLETED BY M. B. Koudelka

TELEPHONE 920-755-6480

<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>504</u>	11	<u>498</u>	21	<u>472</u>
2	<u>501</u>	12	<u>500</u>	22	<u>468</u>
3	<u>500</u>	13	<u>500</u>	23	<u>467</u>
4	<u>502</u>	14	<u>501</u>	24	<u>467</u>
5	<u>501</u>	15	<u>501</u>	25	<u>467</u>
6	<u>502</u>	16	<u>498</u>	26	<u>476</u>
7	<u>501</u>	17	<u>492</u>	27	<u>457</u>
8	<u>502</u>	18	<u>486</u>	28	<u>458</u>
9	<u>502</u>	19	<u>480</u>	29	<u>457</u>
10	<u>501</u>	20	<u>477</u>	30	<u>450</u>
				31	<u>437</u>

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE 02/06/98
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 1 in January, 1998, was 485 MWe.

The following Licensee Event Report (LER) was submitted to the NRC during January, 1998:

LER 266/97-044-00, Use of Dedicated Operators During Inservice Testing of Containment Spray System Constituted an Operation Prohibited by Technical Specifications.

Safety-related maintenance included:

1. G-03 emergency diesel generator governor oil changed.
2. DY-0C white 125 Vdc/120 Vac inverter ac bypass voltage meter and capacitors replaced.
3. F-179B/F-180B P-240B/P-241B G-02 emergency diesel generator dc fuel oil pump duplex filters, O-rings and gaskets replaced.
4. P-1A&B spare reactor coolant pump seals rebuilt.
5. 1P-2C charging pump seals replaced.
6. 1P-10A&B residual heat removal pumps accelerometer pads installed.
7. 1P-11B component cooling water pump overhauled.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 02/04/98

COMPLETED BY: M. B. Koudelka

TELEPHONE: 920-755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2 NOTES
2. REPORTING PERIOD: January - 1998
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	744.0	223,561.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	187,885.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ON LINE	0.0	0.0	185,296.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	0.0	266,175,948.0
17. GROSS ELECTRICAL ENERGY GENERATED	0.0	0.0	90,479,550.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0.0	(2,097.5)	86,218,663.5
19. UNIT SERVICE FACTOR	0.0%	0.0%	82.9%
20. UNIT AVAILABILITY FACTOR	0.0%	0.0%	83.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0%	-0.6%	79.0%
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0%	-0.6%	77.6%
23. UNIT FORCED OUTAGE RATE	100.0%	100.0%	2.1%
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: February 8, 1998			

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

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH JANUARY - 1998

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 2/3/98
 Completed By M. B. Koudelka
 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
--	971115	F	744	H	1	NA	NA	NA	Unit 2 was taken to cold shutdown to accommodate testing of the reactor protection system logic permissives in November, 1997. It was decided that Unit 2 remain shutdown for work on other Unit 2 systems during the month of January.

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 JANUARY - 1998

DOCKET NO. 50-301

UNIT NAME Point Beach, Unit 2

DATE 1/2/98

COMPLETED BY M. B. Koudelka

TELEPHONE 920-755-6480

<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	-2	11	-2	21	-2
2	-2	12	-2	22	-2
3	-3	13	-1	23	-2
4	-2	14	-2	24	-2
5	-2	15	-2	25	-2
6	-2	16	-3	26	-8
7	-2	17	-2	27	-8
8	-2	18	-1	28	-4
9	-2	19	-2	29	-4
10	-	20	-2	30	-4
				31	-4

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE 02/06/98
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

Unit 2 was taken to cold shutdown on November 13, 1997 in support of reactor protection system logic testing. The unit remained shutdown during the month of January.

Safety-related maintenance included:

1. 2C-2 personnel access air lock inspection and door interlock cam shaft upper latch refurbished.
2. 2MS-2018C-S main steam stop solenoid valve rebuilt.
3. 2P-7C charging pump accelerometer pads installed.
4. 2P-10A&B residual heat removal pumps accelerometer pads installed.
5. 2P-11A&B component cooling water pump accelerometer pads installed.
6. 2SI-878D P-15A safety injection pump Loop A injection motor-operated valve limit switch adjusted.
7. 2VNPSE-3213 W-6A&B U2C purge exhaust fan suction operator rebuilt.
8. 2VNPSE-3245 W-2A&B U2C purge supply fan discharge slide valve and 3-way switch replaced.