



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

(920) 755-2321

NPL 98-0826

October 8, 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 September, 1998.

Sincerely,

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

Vito A. Kaminskas
Manager,
Regulatory Services & Licensing

MBK/dms

Attachments

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

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: 10/07/98

COMPLETED BY: M. B. Koudeika

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 1
2. REPORTING PERIOD: September - 1998
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:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTIONS, (IF ANY):

NOTES

N/A

	THIS MONTH	YEAR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720.0	6,551.0	244,583.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	3,346.0	198,137.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	667.3
14. HOURS GENERATOR ONLINE	720.0	3,281.2	194,808.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	846.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,033,257.0	4,684,077.0	276,776,130.0
17. GROSS ELECTRICAL ENERGY GENERATED	357,220.0	1,628,550.0	93,616,310.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	341,393.5	1,546,070.5	89,227,911.5
19. UNIT SERVICE FACTOR	100.0%	50.1%	79.6%
20. UNIT AVAILABILITY FACTOR	100.0%	50.1%	80.0%
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.8%	48.7%	74.9%
22. UNIT CAPACITY FACTOR (USING DER NET)	95.4%	47.5%	73.4%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	4.7%
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

POINT BEACH NUCLEAR PLANT

AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER - 1998

DOCKET NO. 50-266
 UNIT NAME: Point Beach, Unit 1
 DATE: 10/05/98
 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>501</u>	11	<u>502</u>	21	<u>503</u>
2	<u>280</u>	12	<u>504</u>	22	<u>503</u>
3	<u>382</u>	13	<u>501</u>	23	<u>502</u>
4	<u>502</u>	14	<u>507</u>	24	<u>503</u>
5	<u>504</u>	15	<u>502</u>	25	<u>507</u>
6	<u>508</u>	16	<u>505</u>	26	<u>508</u>
7	<u>502</u>	17	<u>496</u>	27	<u>511</u>
8	<u>502</u>	18	<u>501</u>	28	<u>502</u>
9	<u>501</u>	19	<u>503</u>	29	<u>228</u>
10	<u>499</u>	20	<u>504</u>	30	<u>253</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER - 1998

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date 10/7/98
 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
2	980902	F	0	B	5	NA	CH	PUMPB	The unit was taken to 50% power to repair a steam leak identified on the "A" main feedwater pump suction line. The unit was back to full power on September 3, 1998.
3	980928	S	0	B	5		CH	PUMPB	The unit was taken to 35% power to repair the "A" main feedwater pump and governor valve changeout. The unit was back to full power on October 3, 1998.

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 10/07/98
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 1 during September, 1998, was 474.2 MWe.

Safety-related maintenance included:

1. 1CV-313B P-1A&B reactor coolant pump #1 seal water return valve inspected.
2. 1CV-1299 HX-4 electric heat exchanger inlet from reactor coolant Loop A cold leg valve disc replaced.
3. G-01 emergency diesel generator EGB-13P speed control motor clutch adjusted.
4. G-02 emergency diesel generator governor oil changed.
5. G-03 emergency diesel generator air system repaired.
6. 1HX-15C W-1C1 accident recirculation fan motor cooling coil inspected.
7. 1P-29 turbine-driven auxiliary feedwater pump inboard/outboard bearing housing lube oil sampled and changed.
8. P-32B&C service water pumps strainer baskets repaired.
9. P-32C-M service water pump motor replaced.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: 10/07/98

COMPLETED BY: M. B. Koudelka

TELEPHONE: (920) 755-6480

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT - UNIT 2
2. REPORTING PERIOD: September - 1998
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:

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	720.0	6,551.0	229,368.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5,094.9	192,979.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	233.9
14. HOURS GENERATOR ONLINE	720.0	5,049.0	190,345.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,088,895.0	7,605,971.0	273,781,919.0
17. GROSS ELECTRICAL ENERGY GENERATED	367,210.0	2,591,190.0	93,070,740.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	351,093.5	2,468,707.5	88,689,468.5
19. UNIT SERVICE FACTOR	100.0%	77.1%	83.0%
20. UNIT AVAILABILITY FACTOR	100.0%	77.1%	83.1%
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.5%	77.7%	79.2%
22. UNIT CAPACITY FACTOR (USING DER NET)	98.1%	75.8%	77.8%
23. UNIT FORCED OUTAGE RATE	0.0%	22.9%	2.4%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Refueling, 12/05/98, 68 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

AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER - 1998

DOCKET NO. 50-301
 UNIT NAME: Point Beach, Unit 2
 DATE: 10/05/98
 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>490</u>	11	<u>487</u>	21	<u>489</u>
2	<u>487</u>	12	<u>426</u>	22	<u>489</u>
3	<u>486</u>	13	<u>486</u>	23	<u>486</u>
4	<u>488</u>	14	<u>492</u>	24	<u>488</u>
5	<u>491</u>	15	<u>488</u>	25	<u>494</u>
6	<u>495</u>	16	<u>492</u>	26	<u>496</u>
7	<u>489</u>	17	<u>480</u>	27	<u>498</u>
8	<u>486</u>	18	<u>487</u>	28	<u>497</u>
9	<u>486</u>	19	<u>489</u>	29	<u>499</u>
10	<u>482</u>	20	<u>490</u>	30	<u>497</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER - 1998

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date 10/7/98
 Completed By M. B. Koudeika
 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
2	980912	F	0	A	5	NA	CH	PIPEXX	The unit was taken to 50% power because of a failed oil fitting on the "B" main feedwater pump. The unit was back to full power on September 12, 1998.

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 10/07/98
COMPLETED BY M. B. Koudelka
TELEPHONE 920/755-6480

The daily power average for Unit 2 during September, 1998, was 487.6 MWe.

Safety-related maintenance included:

1. 2A52-92 2A-06 feed to motor control center 2B-40 reduced voltage test performed.
2. 2B-52-39C tie to 2B00-45C on 2B-01 bus maintenance performed.