



Wisconsin Electric POWER COMPANY
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NRC-89-123

October 9, 1989

U. S. NUCLEAR REGULATORY COMMISSION
Document Control Desk
Mail Station P1-137
Washington, D. C. 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, Point Beach Nuclear Plant, for the calendar month of September 1989.

Very truly yours,

C. W. Fay
Vice President
Nuclear Power

Attachments

Copies to R. S. Cullen, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE October 5, 1989

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 NOTES .
2. REPORTING PERIOD: SEPTEMBER 1989
3. LICENSED THERMAL POWER (MWT): 1518.
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
NOT APPLICABLE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NOT APPLICABLE
10. REASONS FOR RESTRICTIONS, (IF ANY): NOT APPLICABLE

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	6,551	165,695
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5,519.3	136,134.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	720.0	5,497.8	133,330.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	837.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	951,439	7,827,128	185,169,952
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	314,880	2,647,700	62,476,750
18. NET ELECTRICAL ENERGY GENERATED (MWH)	299,782	2,526,862	59,511,330
19. UNIT SERVICE FACTOR	100.0	83.9	80.5
20. UNIT AVAILABILITY FACTOR	100.0	83.9	81.0
21. UNIT CAPACITY FACTOR (USING MDC NET)	85.8	79.5	73.6
22. UNIT CAPACITY FACTOR (USING DER NET)	83.8	77.6	72.3
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.9

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: NOT SHUTDOWN

DOCKET NO. 50-266
 UNIT NAME Point Beach, Unit 1
 DATE October 4, 1989
 COMPLETED BY C. W. Krause
 TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER 1989

<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>489</u>	11	<u>421</u>	21	<u>495</u>
2	<u>254</u>	12	<u>491</u>	22	<u>495</u>
3	<u>225</u>	13	<u>489</u>	23	<u>231</u>
4	<u>228</u>	14	<u>489</u>	24	<u>213</u>
5	<u>452</u>	15	<u>489</u>	25	<u>449</u>
6	<u>494</u>	16	<u>484</u>	26	<u>495</u>
7	<u>497</u>	17	<u>470</u>	27	<u>496</u>
8	<u>495</u>	18	<u>492</u>	28	<u>496</u>
9	<u>232</u>	19	<u>494</u>	29	<u>496</u>
10	<u>204</u>	20	<u>495</u>	30	<u>242</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

50-266

UNIT NAME

Point Beach Unit 1

DATE

October 5, 1989

REPORT MONTH SEPTEMBER 1989

COMPLETED BY

C. W. Krause

TELEPHONE

414/221-2001

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 & Corrective Action To Prevent Recurrence
6	890902	S	0	F	5	Not applicable	ZZ	ZZZZZZ	Load reduced to low electrical demand and nuclear fuel conservation.
7	890909	S	0	F	5	Not applicable	ZZ	ZZZZZZ	Load reduced to low electrical demand and nuclear fuel conservation.
8	890923	S	0	F	5	Not applicable	ZZ	ZZZZZZ	Load reduced to low electrical demand and nuclear fuel conservation.
9	890930	S	0	F	5	Not applicable	ZZ	ZZZZZZ	Load reduced to low electrical demand and nuclear fuel conservation.

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Test
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 F-Instructions
for preparation of
data entry sheets
LER file (NUREG-0161)

⁵Exhibit H-Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266
Unit Name Point Beach Unit 1
Date October 5, 1989
Completed By C. W. Krause
Telephone 414/221-2001

Unit 1 operated at approximately 494 MWe net throughout the report period with the exception of four significant load reductions. The load reductions were the result of low system demand in conjunction with nuclear fuel conservation.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE October 5, 1989

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 NOTES .
2. REPORTING PERIOD: SEPTEMBER 1989
3. LICENSED THERMAL POWER (MWT): 1518.
4. NAMEPLATE RATING (GROSS MWE): 523.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 509.
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 485.
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
NOT APPLICABLE
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE): NOT APPLICABLE
10. REASONS FOR RESTRICTIONS, (IF ANY): NOT APPLICABLE

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	6,551	150,480
12. NUMBER OF HOURS REACTOR WAS CRITICAL	535.0	6,331.6	132,433.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.6	216.7
14. HOURS GENERATOR ON LINE	530.0	6,232.7	130,329.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	4.8	362.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	776,156	9,372,685	185,318,519
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	265,520	3,216,010	62,889,710
18. NET ELECTRICAL ENERGY GENERATED (MWH)	252,200	3,070,816	59,925,238
19. UNIT SERVICE FACTOR	73.6	95.1	86.6
20. UNIT AVAILABILITY FACTOR	73.6	95.2	86.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	72.2	96.7	81.4
22. UNIT CAPACITY FACTOR (USING DER NET)	70.5	94.3	80.1
23. UNIT FORCED OUTAGE RATE	0.0	2.0	1.2
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: November 10, 1989

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, 1989
 COMPLETED BY C. W. Krause
 TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH SEPTEMBER 1989

<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>496</u>	11	<u>478</u>	21	<u>461</u>
2	<u>494</u>	12	<u>480</u>	22	<u>423</u>
3	<u>493</u>	13	<u>475</u>	23	<u>-12</u>
4	<u>498</u>	14	<u>473</u>	24	<u>-16</u>
5	<u>502</u>	15	<u>470</u>	25	<u>-10</u>
6	<u>499</u>	16	<u>468</u>	26	<u>-2</u>
7	<u>500</u>	17	<u>467</u>	27	<u>-2</u>
8	<u>498</u>	18	<u>466</u>	28	<u>0</u>
9	<u>492</u>	19	<u>465</u>	29	<u>-2</u>
10	<u>493</u>	20	<u>464</u>	30	<u>-2</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

50-301

UNIT NAME

Point Beach Unit 2

DATE

October 8, 1989

REPORT MONTH SEPTEMBER 1989

COMPLETED BY

C. W. Krause

TELEPHONE

414/221-2001

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 & Corrective Action To Prevent Recurrence
4	890923	S	190	C	1	Not Applicable	ZZ	ZZZZZZ	Commence annual refueling and maintenance outage.

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Test
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)

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for preparation of
data entry sheets
LER file (NUREG-0161)

⁵Exhibit H-Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach Unit 2
Date October 5, 1989
Completed By C. W. Krause
Telephone 414/221-2001

Unit 2 operated at approximately 497 MWe net until September 8, 1989 when the unit went into the end-of-life stretch operation. Power level decreased slightly from that point until September 23, 1989, where the unit was taken off line for its annual refueling and maintenance outage.

Major outage work includes replacing approximately 16 blades in the No. 2 low pressure turbine, replacing the axle and bearings in the turbine building crane, performing the 10-year reactor vessel inspection, and hydro testing the reactor coolant system, safety injection system, and residual heat removal system.

The station battery, D06, is also scheduled to be replaced this outage.

The containment integrated leak rate test was successfully completed. Steam generator work includes eddy current, sleeving, plug repair, and sludge lancing.