



Wisconsin Electric POWER COMPANY
231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

VPNPD-85-471
NRC-85-113

October 10, 1985

Director of Nuclear Regulatory Operations
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D. C. 20555

Gentlemen:

MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT

Attached are monthly operating reports for Units 1 and 2, Point Beach Nuclear Plant, for the calendar month of September 1985.

Very truly yours,

C. W. Fay
Vice President
Nuclear Power

Attachments

Copies to R. S. Cullen, PSCW
J. G. Keppler, NRC Region III
NRC Resident Inspector

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE October 7, 1985

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 277 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: SEPTEMBER 1985
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	130,631
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.8	4,765.4	105,264.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	4.7	634.4
14. HOURS GENERATOR ON LINE	716.7	4,710.3	102,697.8
15. UNIT RESERVE SHUTDOWN HOURS	0.0	1.5	804.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,043,042	6,884,163	139,833,140
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	355,620	2,361,760	47,007,000
18. NET ELECTRICAL ENERGY GENERATED (MWH)	339,861	2,255,813	44,721,961
19. UNIT SERVICE FACTOR	99.5	71.9	78.6
20. UNIT AVAILABILITY FACTOR	99.5	71.9	79.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	97.3	71.0	70.1
22. UNIT CAPACITY FACTOR (USING DER NET)	95.0	69.3	68.9
23. UNIT FORCED OUTAGE RATE	0.0	0.2	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: NOT SHUTDOWN

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-266
 UNIT NAME Point Beach Unit 1
 DATE October 7, 1985
 COMPLETED BY C. W. Krause
 TELEPHONE 414/277-2001

REPORT MONTH September, 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting ³ Down Reactor	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action To Prevent Recurrence
4	850831	S	3.3	B	1	N/A	IB	IXMITR	Unit Shut Down to Replace Failed Power Range Detector

¹ F: Forced
S: Scheduled

² Reason:
 A- Equipment Failure (explain)
 B- Maintenance or Test
 C- Refueling
 D- Regulatory Restriction
 E- Operator Training & License Exam
 F- Administrative
 G- Operational Error (explain)
 H- Other (explain)

³ Method:
 1- Manual
 2- Manual Scram
 3- Automatic Scram
 4- Other (explain)

⁴ Exhibit G-Instructions for Preparation of Data Entry Sheets for LER File (NUREG-0161)

⁵ Exhibit I- Same Source

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE October 7, 1985
COMPLETED BY C. W. Krause
TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 1985

<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>173</u>	11	<u>489</u>	21	<u>500</u>
2	<u>380</u>	12	<u>488</u>	22	<u>468</u>
3	<u>481</u>	13	<u>491</u>	23	<u>499</u>
4	<u>494</u>	14	<u>480</u>	24	<u>498</u>
5	<u>491</u>	15	<u>453</u>	25	<u>500</u>
6	<u>490</u>	16	<u>484</u>	26	<u>499</u>
7	<u>491</u>	17	<u>497</u>	27	<u>500</u>
8	<u>472</u>	18	<u>501</u>	28	<u>494</u>
9	<u>77</u>	19	<u>500</u>	29	<u>439</u>
10	<u>478</u>	20	<u>501</u>	30	<u>455</u>
				31	<u>---</u>

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266
Unit Name Point Beach, Unit 1
Date October 7, 1985
Completed By C. W. Krause
Telephone 414/277-2001

Unit 1 operated at approximately 494 MWe net throughout the period with one significant load reduction. Following a shutdown which began on August 31, 1985 to replace a failed nuclear instrument channel, the unit was put back on line at 3:18 AM on September 1, 1985. During the power rampup, a sight glass isolation valve on "A" MSR was replaced. Because of the valve replacement, power level was held at 60 MWe net until noon on September 2, 1985.

At 2:53 PM on September 3, 1985, a 20% runback was experienced due to the loss of NI Channel 41. This was caused by a perturbation of the red instrumentation bus. The cause of this perturbation is unknown, but is being investigated. At 2:56 PM, Channel 41 was returned to service and at 3:30 PM, the unit was at full power.

On September 11, at 1:41 PM, a turbine runback to 406 MWe net was caused when contract personnel working on fire protection momentarily grounded the normal feeder cable from 1Y204 to 1Y104. The unit was back at full power by 1:55 PM.

A Licensee Event Report has been written for each runback.

Safety-related maintenance included repairing the 1P2C charging pump and the P32E service water pump.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE October 7, 1985

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 277 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: SEPTEMBER 1985
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	115,416
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	6,551.0	102,523.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	207.1
14. HOURS GENERATOR ON LINE	720.0	6,551.0	100,860.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	198.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,090,774	9,856,338	141,609,310
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	367,900	3,351,950	47,992,090
18. NET ELECTRICAL ENERGY GENERATED (MWH)	351,397	3,204,531	45,715,936
19. UNIT SERVICE FACTOR	100.0	100.0	87.4
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.6	100.9	80.7
22. UNIT CAPACITY FACTOR (USING DER NET)	98.2	98.4	79.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling; October 4, 1985; seven weeks

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOT SHUTDOWN

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE October 7, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

REPORT MONTH September, 1985

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

¹ F: Forced
S: Scheduled

² Reason:
A- Equipment Failure (explain)
B- Maintenance or Test
C- Refueling
D- Regulatory Restriction
E- Operator Training & License Exam
F- Administrative
G- Operational Error (explain)
H- Other (explain)

³ Method:
1- Manual
2- Manual Scram
3- Automatic Scram
4- Other (explain)

⁴ Exhibit G-Instructions for Preparation of Data Entry Sheets for LER File (NUREG-0161)

⁵ Exhibit I- Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE October 7, 1985
COMPLETED BY C. W. Krause
TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH September, 1985

<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>485</u>	11	<u>484</u>	21	<u>492</u>
2	<u>484</u>	12	<u>483</u>	22	<u>492</u>
3	<u>485</u>	13	<u>484</u>	23	<u>492</u>
4	<u>487</u>	14	<u>485</u>	24	<u>492</u>
5	<u>483</u>	15	<u>485</u>	25	<u>493</u>
6	<u>484</u>	16	<u>485</u>	26	<u>492</u>
7	<u>484</u>	17	<u>490</u>	27	<u>493</u>
8	<u>482</u>	18	<u>493</u>	28	<u>495</u>
9	<u>482</u>	19	<u>493</u>	29	<u>494</u>
10	<u>484</u>	20	<u>492</u>	30	<u>494</u>
				31	<u>---</u>

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date October 7, 1985
Completed By C. W. Krause
Telephone 414/277-2001

Unit 2 operated at approximately 488 MWe net throughout the period with no significant load reductions.

Safety-related maintenance included repairing 2P2A and 2P2C charging pumps.