

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE May 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: APRIL 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	719	2,879	126,959
12. NUMBER OF HOURS REACTOR WAS CRITICAL	109.0	2,269.0	102,767.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	629.7
14. HOURS GENERATOR ON LINE	99.7	2,259.7	100,247.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	802.5
16. GROSS THERMAL ENERGY GENERATED (MWH)	136,913	3,388,211	136,337,188
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	46,910	1,164,860	45,810,100
18. NET ELECTRICAL ENERGY GENERATED (MWH)	42,900	1,116,064	43,582,212
19. UNIT SERVICE FACTOR	13.9	78.5	79.0
20. UNIT AVAILABILITY FACTOR	13.9	78.5	79.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	12.3	79.9	70.2
22. UNIT CAPACITY FACTOR (USING DER NET)	12.0	78.0	69.1
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: JUNE 4, 1985

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

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PDR ADOCK 05000266
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DOCKET NO. 50-266

UNIT NAME Point Beach Unit 1

DATE May 7, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 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>468</u>	11	<u>-2</u>	21	<u>-1</u>
2	<u>467</u>	12	<u>-2</u>	22	<u>-1</u>
3	<u>464</u>	13	<u>-2</u>	23	<u>-2</u>
4	<u>449</u>	14	<u>-2</u>	24	<u>-2</u>
5	<u>2</u>	15	<u>-2</u>	25	<u>-2</u>
6	<u>-10</u>	16	<u>-2</u>	26	<u>-2</u>
7	<u>-8</u>	17	<u>-2</u>	27	<u>-2</u>
8	<u>-7</u>	18	<u>-2</u>	28	<u>-2</u>
9	<u>-5</u>	19	<u>-2</u>	29	<u>-2</u>
10	<u>-2</u>	20	<u>-1</u>	30	<u>-2</u>
				31	<u></u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-266

UNIT NAME Point Beach Unit. 1

DATE May 7, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

REPORT MONTH April, 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	850405	S	619.3	C	1	N/A	ZZ	ZZZZZZ	Commenced 60-day refueling and maintenance outage.

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

Unit 1 operated at approximately 472 MWe net from the beginning of the period until the pre-refueling outage "ramp down" which commenced at 2100 hours on April 4, 1985. The Unit 1 generator was taken off line at 0340 hours on April 5, and the reactor was manually shut down at 1259 hours that same day. The unit operated during 360 of the possible 361 days since the previous refueling, with the last 257 days being continuous. The unit produced approximately 3.8 million MWe net with a burnup of 10,983 megawatt-days per metric ton of uranium. The core design for this cycle, as well as that of the next, had been based on 11,000 MWD/MTU.

On April 5 at 1413 hours, while the reactor was shut down, Unit 1 experienced an inadvertent safety injection signal without injection flow on low steam line pressure. The NRC Region III office was notified via the EN system, and the NRC Resident Inspector was given a courtesy call to notify him of the event. Licensee Event Report No. 85-001 provided followup written notification.

The NRC Region III office was notified a second time, via the EN system, when a number of sirens used for emergency planning purposes failed a monthly operational test.

Major maintenance to be completed during the outage includes the control rod guide tube flexureless insert and split pin modifications and incore flux thimble tube replacement.

Eddy current inspections and secondary side sludge lancing was completed on the steam generators during the period. There was no indication of degradation in any of the sample tubes and no detectable contamination in the sludge removed from the steam generators.

Maintenance on safety-related components included the replacement of the primary loop bypass manifold resistance temperature detectors, replacement of the "A" loop, wide-range RTD 1TE-451B, replacement of source range detector N32, repairs to inverter DYOB, repairs to valve operator 1-856A, repairs to the fuel transfer cart, repairs to valve operator 1MOV-4006, and the replacement of auxiliary feed check valve 109.

Modification work completed during the period included the addition of a new service air receiver tank T33D, the replacement of K3B service air compressor, modifications to the reactor vessel cavity drain, and modifications to the fuel gripper.

Ongoing outage-related testing and inspection work included snubber inspections, relief valve inspections, "A" and "B" condensate pump and motor inspections, "B" circ water pump and motor inspection, reactor protection relay and Spec 200 calibration/testing, "A" main feed pump inspections, and inspections on each of the three component cooling heat exchangers.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE May 7, 1985

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 277 2001

OPERATING STATUS

- | | |
|---|-------|
| 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 | NOTES |
| 2. REPORTING PERIOD: APRIL 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	719	2,879	111,744
12. NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2,879.0	98,851.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	207.1
14. HOURS GENERATOR ON LINE	719.0	2,879.0	97,188.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	198.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,089,086	4,329,702	136,082,674
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	371,650	1,474,910	46,115,050
18. NET ELECTRICAL ENERGY GENERATED (MWH)	355,022	1,411,539	43,922,944
19. UNIT SERVICE FACTOR	100.0	100.0	87.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.2
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.8	101.1	80.0
22. UNIT CAPACITY FACTOR (USING DER NET)	99.4	98.6	79.1
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 outage scheduled to commence September 20, 1985.			

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

DOCKET NO. 50-301

UNIT NAME Point Beach Unit 2

DATE May 7, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH April, 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>491</u>	11	<u>494</u>	21	<u>495</u>
2	<u>495</u>	12	<u>494</u>	22	<u>495</u>
3	<u>495</u>	13	<u>495</u>	23	<u>495</u>
4	<u>495</u>	14	<u>471</u>	24	<u>495</u>
5	<u>495</u>	15	<u>496</u>	25	<u>495</u>
6	<u>495</u>	16	<u>495</u>	26	<u>494</u>
7	<u>494</u>	17	<u>495</u>	27	<u>495</u>
8	<u>494</u>	18	<u>496</u>	28	<u>494</u>
9	<u>492</u>	19	<u>497</u>	29	<u>494</u>
10	<u>494</u>	20	<u>496</u>	30	<u>495</u>
				31	<u></u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1985DOCKET NO. 50-301UNIT NAME Point Beach Unit 2DATE May 7, 1985COMPLETED BY C. W. KrauseTELEPHONE 414/277-2001

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

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
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4- Other (explain)

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

⁵ Exhibit I- Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

Unit 2 operated at approximately 494 MWe net throughout the period with no significant load reductions. Primary-to-secondary leakage remains less than 10 gallons per day. On April 21, 1985, Unit 2 generated its 46 billionth kilowatt-hour.

On April 22, 1985, a Unit 2 operator noted a slight temperature increase on the pressurizer relief valve discharge header. Although there was no indication of a level increase in the pressurizer relief tank, block valve 2MOV-515 was closed as a conservative measure. Temperatures on the discharge header returned to normal. Leakage is suspected through valve 2-431C.

Other safety-related maintenance included seal replacement on 2P2C charging pump and software repairs on the control terminals for the containment air radiation monitors.





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

May 10, 1985

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

Gentlemen:

MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT 50-206
50-304

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

Very truly yours,

Vice President-Nuclear Power

C. W. Fay

Attachments

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

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