

OPERATING DATA REPORT

BUCKET NO. 56-266

DATE June 6, 1984

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: MAY 1984
3. LICENSED THERMAL POWER (MW): 1518.
4. NAMEPLATE RATING (GROSS MWE): 523.6
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:

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	744	3,647	116,943
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1,298.4	95,376.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	3.9	629.3
14. HOURS GENERATOR ON LINE	744.0	1,264.5	92,872.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	5.8	799.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,101,621	1,794,080	125,329,392
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	382,640	621,650	42,017,630
18. NET ELECTRICAL ENERGY GENERATED (MWH)	366,399	587,150	39,949,584
19. UNIT SERVICE FACTOR	100.0	34.7	78.1
20. UNIT AVAILABILITY FACTOR	100.0	34.8	78.8
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.5	33.2	68.7
22. UNIT CAPACITY FACTOR (USING PER NET)	99.1	32.2	67.6
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.6
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 HRC LETTER DATED SEPTEMBER 22, 1977

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 PDR ADDCK 05000266  
 PDR

DOCKET NO. 50-266  
 UNIT NAME Point Beach Unit 1  
 DATE June 6, 1984  
 COMPLETED BY C. W. Krause  
 TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH May, 1984

<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>500</u>	11	<u>499</u>	21	<u>498</u>
2	<u>501</u>	12	<u>483</u>	22	<u>496</u>
3	<u>501</u>	13	<u>480</u>	23	<u>501</u>
4	<u>501</u>	14	<u>465</u>	24	<u>500</u>
5	<u>501</u>	15	<u>480</u>	25	<u>501</u>
6	<u>474</u>	16	<u>491</u>	26	<u>499</u>
7	<u>487</u>	17	<u>492</u>	27	<u>496</u>
8	<u>446</u>	18	<u>500</u>	28	<u>500</u>
9	<u>500</u>	19	<u>494</u>	29	<u>499</u>
10	<u>490</u>	20	<u>493</u>	30	<u>498</u>
				31	<u>501</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May, 1984

DOCKET NO. 50-266  
 UNIT NAME Point Beach Unit 1  
 DATE June 4, 1984  
 COMPLETED BY C. W. Krause  
 TELEPHONE 414/277-2001

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	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)

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 June 6, 1984  
Completed By C. W. Krause  
Telephone 414/277-2001

Unit 1 operated at approximately 496 MWe net throughout the period with no significant load reductions. On May 30, 1984, Unit 1 achieved 42 billion kilowatt hours of generation.

A Licensee Event Report was submitted regarding the control rod insertion limit described in last month's report.

Safety-related maintenance included completion of the 3D emergency Diesel generator annual outage and modifications to the steam-driven auxiliary feedwater pumps' bearing cooler.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE June 6, 1984

COMPLETED BY C. W. FAY

TELEPHONE 414 277 2811

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 . . . . . NOTES .
2. REPORTING PERIOD: MAY 1984 . . . . .
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:
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	744	3,647	103,728
12. NUMBER OF HOURS REACTOR WAS CRITICAL	718.6	3,621.6	92,049.8
13. REACTOR RESERVE SHUTDOWN HOURS	8.8	8.8	207.1
14. HOURS GENERATOR ON LINE	654.9	3,557.9	90,460.7
15. UNIT RESERVE SHUTDOWN HOURS	15.4	15.4	198.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	934,923	5,292,015	126,186,792
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	315,470	1,784,080	42,743,910
18. NET ELECTRICAL ENERGY GENERATED (MWH)	299,688	1,704,842	40,705,442
19. UNIT SERVICE FACTOR	88.0	97.6	87.2
20. UNIT AVAILABILITY FACTOR	90.1	98.0	87.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	83.1	96.4	79.8
22. UNIT CAPACITY FACTOR (USING DER NET)	81.0	94.1	79.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Five-week refueling outage scheduled to begin on September 28, 1984.			
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 June 6, 1984  
 COMPLETED BY C. W. Krause  
 TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH May, 1984

<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>488</u>	11	<u>482</u>	21	<u>-13</u>
2	<u>487</u>	12	<u>488</u>	22	<u>37</u>
3	<u>488</u>	13	<u>486</u>	23	<u>142</u>
4	<u>488</u>	14	<u>477</u>	24	<u>298</u>
5	<u>487</u>	15	<u>482</u>	25	<u>494</u>
6	<u>487</u>	16	<u>487</u>	26	<u>494</u>
7	<u>487</u>	17	<u>487</u>	27	<u>496</u>
8	<u>487</u>	18	<u>322</u>	28	<u>494</u>
9	<u>487</u>	19	<u>-13</u>	29	<u>495</u>
10	<u>487</u>	20	<u>-11</u>	30	<u>494</u>
				31	<u>496</u>



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-301  
 UNIT NAME Point Beach Unit 2  
 DATE June 4, 1984  
 COMPLETED BY C. W. Krause  
 TELEPHONE 414/277-2001

REPORT MONTH May, 1984

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action To Prevent Recurrence
1	840518	S	89.1	B	1	N/A	ZZ	ZZZZZZ	Conducted corrective maintenance on moisture separator reheater, condenser waterboxes and incore flux thimble plugs.

<sup>1</sup> F: Forced  
 S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
 1- Manual  
 2- Manual Scram  
 3- Automatic Scram  
 4- Other (explain)

<sup>4</sup> Exhibit G-Instructions for Preparation of Data Entry Sheets for LER Fil (NUREG-0161)

<sup>5</sup> Exhibit I- Same Source

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301  
Unit Name Point Beach Unit 2  
Date June 6, 1984  
Completed By C. W. Krause  
Telephone 414/277-2001

Unit 2 operated at approximately 487 MWe net for the entire period with one significant load reduction. At 1400 hours on May 18, 1984, load was reduced at 1/2% per minute in preparation for a scheduled weekend outage. At 2108 hours the same day, Unit 2 turbine generator was taken off line.

At 0200 hours on May 19, 1984, a reactor shutdown was commenced. This ended 220 days of continuous operation. During the shutdown at 0341 hours on May 19, 1984, an inadvertent safety injection (SI) actuation occurred while decreasing reactor coolant system pressure. The operator failed to block SI prior to the actuation setpoint. This event is considered reportable and a Licensee Event Report will be submitted. The NRC was also informed via a red phone report.

At 1704 hours on May 21, 1984, the reactor was taken critical and at 1406 hours on May 22, 1984, Unit 2 turbine generator was put back on line. The unit operated at 150 MWe for 2½ days due to high conductivity in the steam generator. Full power was achieved on May 24, 1984, at 2100 hours.

The purpose of the weekend outage was three-fold; clean flux thimble, plug failed moisture separator reheater tubes, and conduct preventive plugging of condenser tubes.

Seven out of 26 flux thimbles were cleaned. This still leaves at least 3 thimbles per quadrant operable. It is hoped that further cleaning will not be necessary until the regularly scheduled Unit 2 outage.

A Licensee Event Report was submitted regarding the control rod insertion limit described in last month's report.

Safety-related maintenance performed included testing of "B" atmospheric steam dump valve, replacement of source range detection Channel 32, cleaning of the crankcase filter on the 4D Diesel generator and repair of an oil leak on charging pump 2P2A.





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

June 8, 1984

Director of 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 May 1984.

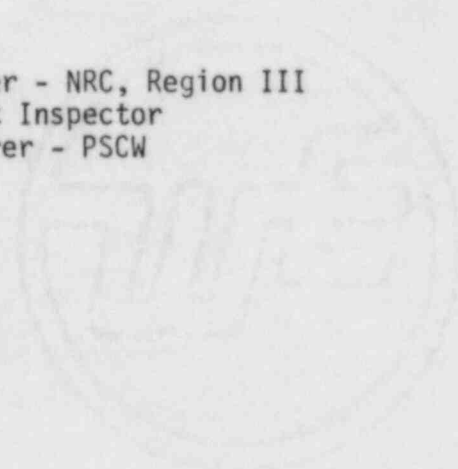
Very truly yours,

C. W. Fay

Vice President - Nuclear Power

Attachments

Copies to J. G. Keppler - NRC, Region III  
NRC Resident Inspector  
C. F. Reiderer - PSCW



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