

# OPERATING DATA REPORT

DOCKET NO. 50-266

DATE July 5, 1979

COMPLETED BY WISCONSIN ELECTRIC POWER CO.

TELEPHONE

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: JUNE 1979
3. LICENSED THERMAL POWER (MWT): 1518.
4. NAMEPLATE RATING (GROSS MWE): 525.8
5. DESIGN ELECTRICAL RATING (NET MWE): 497.
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 519.
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 495.
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

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NOTES  
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	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720	4,343	75,815
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	4,175.4	64,063.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	2.7	442.3
14. HOURS GENERATOR ON LINE	720.0	4,161.1	62,098.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	2.7	386.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,067,584	6,173,443	87,540,058
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	366,720	2,111,240	29,538,930
18. NET ELECTRICAL ENERGY GENERATED (MWH)	350,692	2,014,966	28,154,720
19. UNIT SERVICE FACTOR	100.0	95.8	81.9
20. UNIT AVAILABILITY FACTOR	100.0	95.9	82.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.4	94.0	76.4
22. UNIT CAPACITY FACTOR (USING DER NET)	98.0	93.6	74.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling maintenance shutdown scheduled for September 28, 1979, to last approximately five weeks.

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

POOR ORIGINAL

DOCKET NO. 50-266  
UNIT NAME Point Beach Unit 1  
DATE July 5, 1979  
COMPLETED BY Wisconsin Electric Power Co.  
TELEPHONE \_\_\_\_\_

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1979

<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>495</u>	11	<u>494</u>	21	<u>494</u>
2	<u>488</u>	12	<u>494</u>	22	<u>497</u>
3	<u>433</u>	13	<u>494</u>	23	<u>493</u>
4	<u>468</u>	14	<u>494</u>	24	<u>495</u>
5	<u>462</u>	15	<u>495</u>	25	<u>494</u>
6	<u>471</u>	16	<u>495</u>	26	<u>495</u>
7	<u>494</u>	17	<u>494</u>	27	<u>493</u>
8	<u>493</u>	18	<u>495</u>	28	<u>494</u>
9	<u>494</u>	19	<u>490</u>	29	<u>493</u>
10	<u>494</u>	20	<u>434</u>	30	<u>491</u>
				31	<u>---</u>

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1979DOCKET NO. 50-266UNIT NAME Point Beach Unit 1DATE July 5, 1979COMPLETED BY Wis. Elec. Pwr. Co.

TELEPHONE \_\_\_\_\_

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	Cause and Corrective Action To Prevent Recurrence
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<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)  
H- Other (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 File (NUREG-0161)

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

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266  
Unit Name Point Beach Unit 1  
Date July 5, 1979  
Completed By Wisconsin Electric Power Company

Unit 1 was base loaded for approximately 90% of the period with three load reductions. Power Supply requested that load be reduced to an average of 460 MWe for 60 hours starting June 4, 1979. This load reduction was necessary for system stability while maintenance was being performed on a switchyard circuit breaker.

Load was reduced to an average of 300 MWe for an average duration of eight hours on two occasions to permit locating and plugging leaking condenser tubes.

Anchor bolt testing in accordance with IE Bulletin No. 79-02 is progressing. No general conclusions have been reached.

Unit 1 will be shut down as early as practical to accomplish the feedwater nozzle examination in accordance with IE Bulletin No. 79-13. Shutdown of this unit is dependent upon the results of the examination of the Unit 2 feedwater nozzles, completion of any repairs to Unit 2, and Power Supply requirements. If time permits, steam generator tubes may be inspected in an attempt to locate and plug the source of an approximate 12 gallon per day primary-to-secondary leak.

A review of plant safeguards actuation circuitry disclosed deficiencies requiring corrective modifications. The deficiencies are in the areas of single component failure, manual actuation, and bypass indication criteria and involve engineered safeguards systems actuation circuitry. These deficiencies are minor in nature and are related to reset circuitry design deemed acceptable during plant construction in each case. Modifications to correct the deficiencies will be performed as soon as practicable.

Further details of this item are discussed in Licensee Event Report No. 79-010/01T-0.

No other major safety related maintenance was performed during the period.

# OPERATING DATA REPORT

DOCKET NO. 50-301

DATE July 5, 1979

COMPLETED BY WISCONSIN ELECTRIC POWER CO.

TELEPHONE

## OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: JUNE 1979
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): 519.
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 495.
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	4,343	60,600
12. NUMBER OF HOURS REACTOR WAS CRITICAL	640.0	3,859.3	54,948.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	8.8	153.4
14. HOURS GENERATOR ON LINE	698.7	3,803.2	53,798.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	15.4	103.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,021,650	5,552,500	71,837,717
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	352,500	1,905,770	24,380,880
18. NET ELECTRICAL ENERGY GENERATED (MWH)	336,166	1,819,272	23,186,944
19. UNIT SERVICE FACTOR	97.0	87.6	88.8
20. UNIT AVAILABILITY FACTOR	97.0	87.4	88.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	94.3	84.6	78.1
22. UNIT CAPACITY FACTOR (USING DER NET)	93.9	84.3	77.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.6
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: JULY 14, 1979

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

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POOR ORIGINAL

DOCKET NO. 50-301  
 UNIT NAME Point Beach Unit 2  
 DATE July 5, 1979  
 COMPLETED BY Wisconsin Electric Power Co  
 TELEPHONE \_\_\_\_\_

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1979

<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>462</u>	21	<u>496</u>
2	<u>497</u>	12	<u>491</u>	22	<u>499</u>
3	<u>496</u>	13	<u>496</u>	23	<u>486</u>
4	<u>497</u>	14	<u>495</u>	24	<u>419</u>
5	<u>496</u>	15	<u>496</u>	25	<u>499</u>
6	<u>496</u>	16	<u>496</u>	26	<u>440</u>
7	<u>496</u>	17	<u>477</u>	27	<u>400</u>
8	<u>496</u>	18	<u>473</u>	28	<u>494</u>
9	<u>496</u>	19	<u>496</u>	29	<u>483</u>
10	<u>450</u>	20	<u>496</u>	30	<u>2</u>
				31	<u>---</u>

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1979DOCKET NO. 50-301UNIT NAME Point Beach Unit 2DATE July 5, 1979COMPLETED BY Wis. Elec. Pwr. Co.

TELEPHONE \_\_\_\_\_

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
4	790630	S	21.3	B	1	N/A	N/A	N/A	Unit taken off line for feedwater nozzle volumetric examinations in accordance with IE Bulletin 79-13.

<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)  
H- Other (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 File (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 July 5, 1979  
Completed By Wisconsin Electric Power Company

Unit 2 was base loaded for approximately 90% of the period with 11 load reductions and one shutdown. Power Supply requested on 10 occasions that load be reduced to an average of 375 MWe for an average duration of four hours.

Load was reduced to 70 MWe for seven hours on June 27, 1979, to investigate a problem with temperature control of the reactor coolant drain tank. The source of hot water causing the heating problem was packing leakage of a residual heat removal isolation valve. Repair will be completed during the Unit 2 shutdown.

Shutdown to accomplish feedwater nozzle volumetric examinations in accordance with IE Bulletin No. 79-13 was started on June 29, 1979. The unit was taken off line at 2:40 a.m., June 30, 1979. Required repairs will be accomplished prior to putting the unit back on line. Other minor maintenance will also be conducted during this shutdown.

No other major safety related maintenance was performed during the period.