

OPERATING DATA REPORT

**POOR ORIGINAL**

DOCKET NO. 50-260

DATE August 3, 1979

COMPLETED BY WISCONSIN ELECTRIC POWER CO.

TELEPHONE

OPERATING STATUS

- .....
1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
  2. REPORTING PERIOD: JULY 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	744	5,087	76,559
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,914.4	64,807.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	2.7	442.3
14. HOURS GENERATOR ON LINE	744.0	4,905.1	62,842.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	2.7	386.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,116,197	7,284,640	83,656,251
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	382,550	2,490,840	29,921,480
18. NET ELECTRICAL ENERGY GENERATED (MWH)	365,035	2,386,902	28,520,756
19. UNIT SERVICE FACTOR	100.0	96.4	82.1
20. UNIT AVAILABILITY FACTOR	100.0	96.5	82.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4	94.8	76.7
22. UNIT CAPACITY FACTOR (USING DER NET)	99.0	94.4	75.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Maintenance shutdown scheduled for August 3, 1979, to last approximately one day. 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			

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

636 319 7908140 400 P

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE August 3, 1979

**POOR ORIGINAL**

COMPLETED BY WISCONSIN ELECTRIC POWER CO.

TELEPHONE

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: JULY 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	744	5,087	61,344
12. NUMBER OF HOURS REACTOR WAS CRITICAL	285.2	4,144.5	55,233.6
13. REACTOR RESERVE SHUTDOWN HOURS	1.1	9.9	159.5
14. HOURS GENERATOR ON LINE	274.8	4,078.0	54,072.8
15. UNIT RESERVE SHUTDOWN HOURS	2.0	17.4	105.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	408,680	5,961,180	72,246,397
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	141,120	2,046,890	24,522,000
18. NET ELECTRICAL ENERGY GENERATED (MWH)	131,710	1,950,982	23,318,659
19. UNIT SERVICE FACTOR	36.9	80.2	86.1
20. UNIT AVAILABILITY FACTOR	37.2	80.5	88.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	35.8	77.5	77.6
22. UNIT CAPACITY FACTOR (USING DER NET)	35.6	77.2	76.5
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: NOT SHUTDOWN			

DOCKET NO. 50-266  
 UNIT NAME Point Beach Unit 1  
 DATE August 3, 1979  
 COMPLETED BY Wisconsin Electric Power Co  
 TELEPHONE \_\_\_\_\_

AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 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>491</u>	11	<u>494</u>	21	<u>490</u>
2	<u>492</u>	12	<u>493</u>	22	<u>488</u>
3	<u>494</u>	13	<u>493</u>	23	<u>492</u>
4	<u>494</u>	14	<u>493</u>	24	<u>494</u>
5	<u>489</u>	15	<u>494</u>	25	<u>493</u>
6	<u>492</u>	16	<u>493</u>	26	<u>493</u>
7	<u>494</u>	17	<u>493</u>	27	<u>493</u>
8	<u>482</u>	18	<u>493</u>	28	<u>496</u>
9	<u>493</u>	19	<u>493</u>	29	<u>489</u>
10	<u>493</u>	20	<u>490</u>	30	<u>492</u>
				31	<u>490</u>

POOR ORIGINAL

636 521

DOCKET NO. 50-301  
 UNIT NAME Point Beach Unit 2  
 DATE August 3, 1979  
 COMPLETED BY Wisconsin Electric Power Co  
 TELEPHONE \_\_\_\_\_

AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 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>-12</u>	11	<u>- 7</u>	21	<u>496</u>
2	<u>-10</u>	12	<u>- 7</u>	22	<u>497</u>
3	<u>- 9</u>	13	<u>- 6</u>	23	<u>497</u>
4	<u>- 9</u>	14	<u>- 2</u>	24	<u>497</u>
5	<u>- 8</u>	15	<u>- 2</u>	25	<u>498</u>
6	<u>- 8</u>	16	<u>- 2</u>	26	<u>497</u>
7	<u>- 7</u>	17	<u>- 2</u>	27	<u>497</u>
8	<u>- 7</u>	18	<u>- 2</u>	28	<u>499</u>
9	<u>- 7</u>	19	<u>- 8</u>	29	<u>480</u>
10	<u>- 7</u>	20	<u>163</u>	30	<u>495</u>
				31	<u>493</u>

636 322

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1979

DOCKET NO. 50-266  
 UNIT NAME Point Beach Unit 1  
 DATE August 3, 1979  
 COMPLETED 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

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1979

DOCKET NO. 50-301  
 UNIT NAME Point Beach Unit 2  
 DATE August 3, 1979  
 COMPLETED 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.	Syst. Code <sup>4</sup>	Component Code	Cause and Corrective Action To Prevent Recurrence
4	790630	S	469.2	B	1	N/A	N/A	N/A	Unit taken off line for feedwater nozzle volumetric examination and repair in accordance with IE Bulletin 79-15.

<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

636  
 324

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.: 50-266  
Unit Name: Point Beach Unit 1  
Date: August 3, 1979  
Completed by: Wisconsin Electric Power Company

Unit 1 was base loaded for approximately 99% of the period with five load reductions. Power Supply requested, on five occasions, that load be reduced to an average of 405 MWe for an average duration of one and one-quarter hours.

It is planned to shut down Unit 1 the weekend of August 3. The shutdown is necessary to permit the addition of reinforcement to the auxiliary feed line to main feed line branch connections. A recent inspection determined that these connections were not fabricated per design requirements. Almost nine years of operation and an initial preoperational hydrostatic test, along with annual steam generator leak tests, have not indicated any problem with the integrity of these connections. This item is further detailed in Unit 2 Licensee Event Report 79-006/01T-0.

Based on the results of the Unit 2 examination, volumetric examination of the feedwater nozzles in accordance with IE Bulletin 79-13 will be performed during the Unit 1 refueling in the fall.

A modification is being performed on the safeguards circuitry. The modification will assure automatic reactivation of certain safeguards functions if the manual reset buttons failed to return to their normal "off" position after being depressed. Systems involved are containment isolation, containment ventilation isolation, and containment spray. Alarm indication that "reset" is operative will also be added to the above circuits, as well as safety injection. This matter is more fully discussed in Licensee Event Report 79-010/01T-0.

During the past two weeks, the primary-to-secondary steam generator leak rate increased from 16 to 39 gallons per day, and then decreased to 14 gallons per day presently. The leak rate is now stable and is being monitored closely.

Anchor bolt testing in accordance with IE Bulletin 79-02 is continuing.

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

636 325

## NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No.: 50-301  
Unit Name: Point Beach Unit 2  
Date: August 3, 1979  
Completed by: Wisconsin Electric Power Company

Unit 2 was base loaded for only 36% of the period with one shutdown and one load reduction. The unit was shut down from the beginning of the period until 1313 hours on July 20, when it was returned to operation. Power Supply requested, on one occasion, that load be reduced to an average of 415 MWe for three and one-half hours.

Unit 2 was shut down for the accomplishment of feedwater nozzle volumetric examination and repair in accordance with IE Bulletin 79-13. The radiographic and ultrasonic testing of eight Unit 2 feedwater piping welds, including the three-inch auxiliary feedwater connection to each feedwater main line, revealed some linear indications indicating possible small cracks. As a precautionary measure, the 18" to 16" reducers in both feedwater lines were replaced. Examination of the reducers which were removed indicated that the discovered defects were minor in nature and of no safety significance. The total off-line time for the examination and repair was 20 days, 10 and one-half hours.

During repair activities connected with the replacement of the main feed line reducers, it was determined that the three-inch auxiliary branch connection at the main feed line was not fabricated per design requirements. Eight years of operation, along with a preservice hydrostatic test and annual leak tests, have not indicated a degradation of the integrity of these connections. The branch connections were replaced by weldolets to meet Code requirements. Further details of this item are discussed in Licensee Event Report 79-006/01T-0.

Other repairs were conducted during the shutdown. Maintenance included the replacement of a power range detector and the repacking of a residual heat removal to primary system isolation valve. Packing leakage from this valve had made it difficult to control temperature in the reactor coolant drain tank.

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