

OPERATING DATA REPORT

BUCKET NO. 50-266

DATE August 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: JULY 1985
3. LICENSED THERMAL POWER (MWT): 1510.
4. NAMEPLATE RATING (GROSS MWE): 523.0
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	744	5,087	129,167
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,307.0	103,805.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	4.7	634.4
14. HOURS GENERATOR ON LINE	744.0	3,256.2	101,243.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	1.5	804.0
16. GROSS THERMAL ENERGY GENERATED (MMB)	1,104,798	4,757,309	137,706,286
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	379,850	1,633,460	46,278,700
18. NET ELECTRICAL ENERGY GENERATED (MMH)	363,458	1,559,510	44,025,658
19. UNIT SERVICE FACTOR	100.0	44.0	78.4
20. UNIT AVAILABILITY FACTOR	100.0	44.0	79.0
21. UNIT CAPACITY FACTOR (USING MRC NET)	100.7	63.2	69.8
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	61.7	68.6
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 MRC LETTER DATED SEPTEMBER 22, 1977

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PDR

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

AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 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>474</u>	11	<u>451</u>	21	<u>463</u>
2	<u>497</u>	12	<u>494</u>	22	<u>498</u>
3	<u>498</u>	13	<u>497</u>	23	<u>466</u>
4	<u>498</u>	14	<u>498</u>	24	<u>501</u>
5	<u>497</u>	15	<u>495</u>	25	<u>424</u>
6	<u>498</u>	16	<u>481</u>	26	<u>495</u>
7	<u>494</u>	17	<u>460</u>	27	<u>497</u>
8	<u>497</u>	18	<u>485</u>	28	<u>501</u>
9	<u>497</u>	19	<u>502</u>	29	<u>501</u>
10	<u>485</u>	20	<u>502</u>	30	<u>500</u>
				31	<u>499</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-266

UNIT NAME Point Beach, Unit 1

DATE August 7, 1985

REPORT MONTH July, 1985

COMPLETED BY C. W. Krause

TELEPHONE 414/277-2001

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

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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

Unit 1 operated at approximately 497 MWe net throughout the period. On July 3, 1985, the unit experienced a 6% turbine runback caused by a momentary loss of power to the N42 rod drop bypass relay when transferring power to the 1Y03 bus from inverter 1DY03. Final repairs had been completed to the inverter following the June 26, 1985, runback and trip and the inverter was being placed back in service to power bus 1Y03 when the 6% runback occurred. The runback cleared as instrument power was restored and the unit was returned to full power. At 0604 hours on July 25, 1985, a 20% turbine runback was initiated from an RPI rod bottom bistable, caused from a momentary loss of power to the 1A05, 1B03, 1B32, and 1Y06 power supply to the rod position indication system. The cause of this momentary power failure was a lockout of 1X04 low voltage station transformer resulting from actuation of its sudden pressure trip device. The lockout of 1X04 resulted in a loss of power to 1A03 and 1A04 4.16 KV buses. The 1A05/1A06 safeguards buses and loads were immediately picked up by the emergency diesel generators. At 0620 hours, an Unusual Event emergency classification was declared, and at 0629 hours, an orderly shutdown of Unit 1 was commenced to comply with Plant Technical Specifications. At 0649 hours, operating personnel reenergized 1A03/1A04 from 1A01/1A02, and left 1A05 and 1A06 supplied by emergency diesels G01 and G02, respectively. A gas test of the 1X04 transformer cover gas confirmed that a transformer fault had not occurred. An inspection of the transformer also revealed that its pressure relief device had not actuated. Moisture was found in the sudden pressure relay reset switch, as well as several loose relay connections and water in general areas of the relay cabinet. The moisture and water were removed and the connections were tightened. The source of the water was believed to have been caused by heavy rains experienced on July 25, 1985. Based on the inspection results, the plant staff concluded that 1X04 could be reenergized. This was completed at 0845 hours. At 0857 hours, power from 1X04 was supplied to the 1A03 and 1A04 buses. Operating personnel began returning the unit to full power at 0858 hours and at 0910 hours the Unusual Event emergency condition was terminated. At 0917 hours, the normal supply breakers to 1A05/1A06 were closed and the emergency diesel generators were secured. The NRC Resident Inspector was present in the control room during most of the event and was notified of changing conditions and plant status. Licensee Event Report No. 85-004-00 was written as a result of the event.

A Technical Specification violation was identified on July 29, 1985. On February 7, 1984, 3 fuel assemblies were placed against the spent fuel pool perimeter before they had been subcritical for more than a year. The assemblies have now been subcritical for more than one year. Possible effects on the integrity of the spent fuel pool wall are being evaluated. Procedural changes will be made which will enhance the administrative controls over spent fuel assemblies placed near the spent fuel pool wall and preclude this situation from recurring in the future. Licensee Event Report No. 85-005-00 was written as a result of this occurrence.

On July 12, 1985, there was an accidental weapon discharge by a security guard at the PAB guard station. No personnel injury or equipment damage was involved. The incident has been investigated by plant and NRC personnel.

Maintenance performed during the period included repairs to inverter 1DY03 and rebuilding of the spare RHR pump rotating assembly. Presently, efforts are underway to install the auxiliary building crane.

OPERATING DATA REPORT

BUCKET NO. 50-301

DATE August 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: JULY 1985
3. LICENSED THERMAL POWER (MWT): 1510.
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	744	5,087	113,952
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,087.0	101,059.4
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	207.1
14. HOURS GENERATOR ON LINE	744.0	5,087.0	99,396.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	198.1
16. GROSS THERMAL ENERGY GENERATED (MMH)	1,104,022	7,640,060	139,393,032
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	375,770	2,602,690	47,242,830
18. NET ELECTRICAL ENERGY GENERATED (MMH)	358,746	2,488,862	45,000,267
19. UNIT SERVICE FACTOR	100.0	100.0	87.2
20. UNIT AVAILABILITY FACTOR	100.0	100.0	87.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.4	100.9	80.4
22. UNIT CAPACITY FACTOR (USING DER NET)	97.0	98.4	79.5
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 for September 18, 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 August 7, 1985
 COMPLETED BY C. W. Krause
 TELEPHONE 414/277-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH JULY, 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>461</u>	11	<u>491</u>	21	<u>494</u>
2	<u>463</u>	12	<u>491</u>	22	<u>491</u>
3	<u>466</u>	13	<u>493</u>	23	<u>492</u>
4	<u>421</u>	14	<u>493</u>	24	<u>494</u>
5	<u>465</u>	15	<u>489</u>	25	<u>494</u>
6	<u>461</u>	16	<u>487</u>	26	<u>494</u>
7	<u>428</u>	17	<u>487</u>	27	<u>494</u>
8	<u>487</u>	18	<u>491</u>	28	<u>469</u>
9	<u>494</u>	19	<u>494</u>	29	<u>493</u>
10	<u>492</u>	20	<u>494</u>	30	<u>493</u>
				31	<u>492</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code	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:
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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. 50-301
Unit Name Point Beach, Unit 2
Date August 7, 1985
Completed By C. W. Krause
Telephone 414/277-2001

Unit 2 operated at approximately 495 MWe net throughout the period. At the end of the last period (June 30, 1985), water hammer was noted in the unit's steam generator auxiliary feedwater piping when the steam driven auxiliary feed pump was secured during periodic testing of the auxiliary feedwater system. On July 2, 1985, Maintenance personnel walked down the auxiliary feedwater piping system to check for damage. One questionable area was noted. It appeared that the auxiliary feedwater piping near one restraint may have been displaced. Measurements have been taken and an evaluation of the significance of this possible movement is being performed. A Significant Operating Event Report will be written upon completion of investigations and evaluation. On July 4, 1985, load was reduced to 267 MWe net for approximately 10 hours to accommodate condenser tube leak checks. Cation conductivity and sulfate levels appeared to have been increasing, indicating possible condenser tube leaks, but no leaks were found.

Maintenance during the period included replacing the "A" charging pump Vari-drive unit, repairing the "C" charging pump seals, and repair of a secondary side steam leak on the "A" steam generator west manway cover.



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

August 9, 1985

VPNPD-85-259
NRC-85-87

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
August 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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