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OPERATING DATA REPORT

BUCKET NO. 50-266

DATE August 10, 1987

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2091

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 . NOTES .
2. REPORTING PERIOD: JULY 1987 .
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	744	5,087	146,687
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3,731.5	119,109.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	7.3	652.7
14. HOURS GENERATOR ON LINE	735.8	3,697.3	116,391.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	5.3	837.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,094,386	5,437,826	160,142,176
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	372,910	1,855,390	53,949,360
18. NET ELECTRICAL ENERGY GENERATED (MWH)	356,477	1,771,281	51,360,203
19. UNIT SERVICE FACTOR	98.9	72.7	79.3
20. UNIT AVAILABILITY FACTOR	98.9	72.6	79.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.8	71.8	71.7
22. UNIT CAPACITY FACTOR (USING DER NET)	96.4	70.1	70.4
23. UNIT FORCED OUTAGE RATE	0.0	0.0	2.1
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 NRC LETTER DATED SEPTEMBER 22, 1977

IF 24

DOCKET NO. 50-266

UNIT NAME Point Beach, Unit 1

DATE August 10, 1987

COMPLETED BY C. W. Krause

TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH July 1987

<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>500</u>	21	<u>498</u>
2	<u>491</u>	12	<u>500</u>	22	<u>500</u>
3	<u>493</u>	13	<u>499</u>	23	<u>499</u>
4	<u>487</u>	14	<u>487</u>	24	<u>499</u>
5	<u>449</u>	15	<u>488</u>	25	<u>498</u>
6	<u>490</u>	16	<u>493</u>	26	<u>498</u>
7	<u>493</u>	17	<u>491</u>	27	<u>481</u>
8	<u>493</u>	18	<u>96</u>	28	<u>495</u>
9	<u>497</u>	19	<u>480</u>	29	<u>494</u>
10	<u>498</u>	20	<u>499</u>	30	<u>491</u>
				31	<u>488</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

50-256

UNIT NAME

Point Beach Unit 1

DATE

August 10, 1987

REPORT MONTH July, 1987

COMPLETED BY

C. W. Krause

TELEPHONE

414/221-2001

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 & Corrective Action To Prevent Recurrence
3	870717	S	8.2	B	5	N/A	CH	VALVEX	Maintenance outage to repair steam leak on a root valve for the lower level tap for steam generator level instrumentation.

¹F: Forced
S: Scheduled

²Reason:
A - Equipment Failure (explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training &
Licensing Exam
F - Administrative
G - Operational Error (explain)
H - Other (explain)

³Method:
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continuation of
Previous Shutdown
5 - Reduced Load
6 - Other (explain)

⁴Exhibit F-Instructions
for preparation of
data entry sheets
LER file (NUREG-0161)

⁵Exhibit H-Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-266
Unit Name Point Beach Unit 1
Date August 10, 1987
Completed By C. W. Krause
Telephone 414/221-2001

Unit 1 operated at approximately 495 MWe net throughout the period with no trips and one maintenance-related outage. On July 18, 1987, the unit was taken off line for 8.2 hours for a scheduled maintenance outage. The purpose of the outage was to repair a leaky root valve on the lower level tap for steam generator level transmitter LT-472. There were no other significant load reductions during the period.

On July 2, 1987, one of the two fuses in the "A" reactor trip breaker closing circuit blew after closing the breaker during testing. A similar event had occurred for the other fuse on June 30 during protection system logic testing. Because the fuses blew only after the closing coil was actuated and not after the shunt trip device was actuated, the reactor trip breakers were operable. An inspection of the breakers was conducted in an effort to determine the cause of the blown fuses. Minimal tolerances between stationary and moving parts of the closing housing were noted. It was also noted that the closing coil stationary housing becomes slightly distorted when its mounting bolts are tightened. The close tolerances and housing distortion problems were corrected by Maintenance and the breakers have been tested satisfactorily. There was no other major safety-related maintenance performed during the period.

LER 84-006-00 was issued during the period. The LER documents a Type B test failure that occurred on September 24, 1984 on the containment purge supply penetration. Documentation of the failure was discovered during preparation of the report for the April 1987, Type A integrated leak rate test. No other LERs were issued during the period.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE August 10, 1987

COMPLETED BY C. W. KRAUSE

TELEPHONE 414 221 2001

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: JULY 1987
3. LICENSED THERMAL POWER (MW): 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	744	5,087	131,472
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,008.8	115,820.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	5.6	215.0
14. HOURS GENERATOR ON LINE	744.0	4,968.9	113,957.9
15. UNIT RESERVE SHUTDOWN HOURS	0.0	48.2	292.4
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,120,329	7,455,799	160,922,800
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	380,570	2,545,220	54,542,850
18. NET ELECTRICAL ENERGY GENERATED (MWH)	363,309	2,430,670	51,960,268
19. UNIT SERVICE FACTOR	100.0	97.7	86.7
20. UNIT AVAILABILITY FACTOR	100.0	98.6	86.9
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.7	98.5	80.6
22. UNIT CAPACITY FACTOR (USING DER NET)	98.3	96.1	79.5
23. UNIT FORCED OUTAGE RATE	0.0	1.0	1.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Seven week refueling and maintenance outage scheduled to begin October 2, 1987.

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

DOCKET NO. 50-301

UNIT NAME Point Beach, Unit 2

DATE August 10, 1987

COMPLETED BY C. W. Krause

TELEPHONE 414/221-2001

AVERAGE DAILY UNIT POWER LEVEL

MONTH July 1987

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
1	486
2	488
3	490
4	486
5	487
6	488
7	490
8	490
9	493
10	494

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MWe NET</u>
11	496	21	489
12	473	22	458
13	494	23	445
14	490	24	496
15	489	25	497
16	489	26	496
17	491	27	495
18	494	28	493
19	496	29	493
20	495	30	490
		31	486

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

50-301

Point Beach Unit 2
August 10, 1987
C. W. Krause
414/221-2001

REPORT MONTH July 1987

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Codes ⁵	Cause & Corrective Action To Prevent Recurrence

¹F: Forced
S: Scheduled²Reason:

- A - Equipment Failure (explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training & Licensing Exam
- F - Administrative
- G - Operational Error (explain)
- H - Other (explain)

³Method:

- 1 - Manual
- 2 - Manual Scram
- 3 - Automatic Scram
- 4 - Continuation of Previous Shutdown
- 5 - Reduced Load
- 6 - Other (explain)

⁴Exhibit F-Instructions
for preparation of
data entry sheets
LER file (NUREG-0161)⁵Exhibit H-Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Docket No. 50-301
Unit Name Point Beach Unit 2
Date August 10, 1987
Completed By C. W. Krause
Telephone 414/221-2001

Unit 2 operated at approximately 493 MWe net throughout the period with no significant load reductions or trips.

On July 2, 1987, the "A" RHR pump was removed from service after noting an unusual noise during inservice testing of the pump. Maintenance determined that the noise was coming from the recirculation line (flow noise) and not the pump. The pump was inspected, tested, and determined to be operable and returned to service later that day. There was no other major safety-related maintenance performed during the period.

No LERs were issued for Unit 2 during the period.



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

(414) 221-2345

VPNPD-87-347
NRC-87-79

August 10, 1987

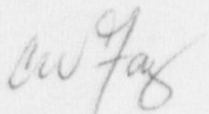
U. S. NUCLEAR REGULATORY COMMISSION
Document Control Desk
Washington, D. C. 20555

Gentlemen:

DOCKETS 50-266 AND 50-301
MONTHLY OPERATING REPORTS
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

Attached are monthly operating reports for Units 1 and 2, Point Beach Nuclear Plant, for the calendar month of July 1987.

Very truly yours,


C. W. Fay
Vice President
Nuclear Power

Attachments

Copies to R. S. Cullen, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

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