



**Wisconsin
Electric**
POWER COMPANY

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(414) 221-2345

VPNPD-91-059
NRC-91-014

February 11, 1991

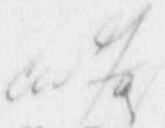
U. S. NUCLEAR REGULATORY COMMISSION
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Gentlemen:

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 January
1991.

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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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE February 8, 1991

COMPLETED BY K. F. Grasso

TELEPHONE 414 755 2321

OPERATING STATUS

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1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1 . NOTES .
 2. REPORTING PERIOD: JANUARY 1991 . .
 3. LICENSED THERMAL POWER (MWT): 1518.5 . .
 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	744	177,408
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	146,511.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	744.0	744.0	143,647.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	837.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,128,125	1,128,125	200,534,820
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	383,050	383,050	67,685,430
18. NET ELECTRICAL ENERGY GENERATED (MWH)	367,132	367,182	64,488,222
19. UNIT SERVICE FACTOR	100.0	100.0	81.0
20. UNIT AVAILABILITY FACTOR	100.0	100.0	81.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	101.8	101.8	74.5
22. UNIT CAPACITY FACTOR (USING DER NET)	99.3	99.3	73.1
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: NOT SHUTDOWN
Forty-two day refueling and maintenance outage scheduled to start April 5, 1991.
- DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL
MONTH JANUARY - 1991

DOCKET NO. 50-266
UNIT NAME Point Beach, Unit 1
DATE February 8, 1991
COMPLETED BY K. F. Grasso
TELEPHONE 414/755-2321

<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>495</u>
2	<u>494</u>	12	<u>494</u>	22	<u>494</u>
3	<u>493</u>	13	<u>495</u>	23	<u>494</u>
4	<u>494</u>	14	<u>494</u>	24	<u>492</u>
5	<u>495</u>	15	<u>493</u>	25	<u>493</u>
6	<u>495</u>	16	<u>496</u>	26	<u>495</u>
7	<u>494</u>	17	<u>495</u>	27	<u>495</u>
8	<u>494</u>	18	<u>494</u>	28	<u>494</u>
9	<u>494</u>	19	<u>496</u>	29	<u>495</u>
10	<u>494</u>	20	<u>474</u>	30	<u>494</u>
				31	<u>494</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH JANUARY - 1991

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date February 8, 1991
 Completed By K. F. Grasso
 Telephone No. 414/755-2321

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 and Corrective Action To Prevent Recurrence

¹F: Forced
 S: Scheduled

²Reason:
 A - Equipment Failure (explain)
 B - Maintenance or Testing
 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 G - Instructions for preparation of data entry sheets LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-266
UNIT NAME Point Beach Unit 1
DATE February 8, 1991
COMPLETED BY K. F. Grasso
TELEPHONE 414/755-2321

Unit 1 operated at approximately 494 MWe net throughout this report period with no significant load reductions.

On January 2, Operations detected a minor upward trend on a local area radiation monitor. The increased count rate was the result of a combination of two small fitting leaks from the cryogenic waste gas system enhanced by auxiliary building maintenance. The area was evacuated, the leaks were isolated and auxiliary building ventilation was returned to operation. The area was cleaned and restored for normal work operations approximately 10 hours later. The NRC was given a courtesy call via the red phone.

On January 16, Security personnel commenced enhanced operations to prevent potential terrorist action as result of U. S. armed forces efforts to liberate Kuwait.

On January 27, Operations personnel commenced compensatory measures as part of the basis for continued operation when commitments to 10 CFR 50.48(d)(4) alternate shutdown fire protection were not complete. The new commitment date for alternate shutdown 4160 volt capability is June 1, 1991.

Safety-related maintenance included: control power fuse replacement on 1-B52/BYB reactor trip bypass breaker; outboard seal replacement on 1-P-11B component cooling water pump; packing adjustments on service water pumps P-32A and P-32D; repairs to steam flow-steam pressure compensator FM-465; vibration adjustment to P-32C service water pump; seal replacement of 1-P-2B charging pump and the annual overhaul of G01 emergency diesel generator.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE February 8, 1991

COMPLETED BY K. F. Grasso

TELEPHONE 414 755 2321

OPERATING STATUS

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1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 . NOTES .
 2. REPORTING PERIOD: JANUARY 1991 .
 3. LICENSED THERMAL POWER (MWT): 1518.5 .
 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	744	162,193
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	744.0	141,828.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	216.7
14. HOURS GENERATOR ON LINE	744.0	744.0	139,663.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,128,511	1,126,511	199,292,920
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	387,910	387,910	67,685,170
18. NET ELECTRICAL ENERGY GENERATED (MWH)	371,628	371,628	64,503,694
19. UNIT SERVICE FACTOR	100.0	100.0	86.1
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	103.0	103.0	81.3
22. UNIT CAPACITY FACTOR (USING DER NET)	100.5	100.5	80.0
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): 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

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL
 MONTH JANUARY - 1991

DOCKET NO. 50-301
 UNIT NAME Point Beach, Unit 2
 DATE February 8, 1991
 COMPLETED BY K. F. Grasso
 TELEPHONE 414/755-2321

<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>501</u>	11	<u>500</u>	21	<u>501</u>
2	<u>500</u>	12	<u>501</u>	22	<u>500</u>
3	<u>499</u>	13	<u>501</u>	23	<u>500</u>
4	<u>499</u>	14	<u>500</u>	24	<u>498</u>
5	<u>500</u>	15	<u>500</u>	25	<u>498</u>
6	<u>483</u>	16	<u>501</u>	26	<u>500</u>
7	<u>499</u>	17	<u>500</u>	27	<u>501</u>
8	<u>501</u>	18	<u>500</u>	28	<u>500</u>
9	<u>499</u>	19	<u>501</u>	29	<u>500</u>
10	<u>500</u>	20	<u>499</u>	30	<u>499</u>
				31	<u>500</u>

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JANUARY - 1991

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date February 8, 1991
 Completed By K. F. Grasso
 Telephone No. 414/755-2321

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 and Corrective Action To Prevent Recurrence

¹F: Forced
 S: Scheduled

²Reason:
 A - Equipment Failure (explain)
 B - Maintenance or Testing
 C - Refueling
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 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 G - Instructions for preparation of data entry sheets LER file (NUREG-0161)

⁵Exhibit I - Same Source

DOCKET NO. 50-301
UNIT NAME Point Beach Unit 2
DATE February 8, 1991
COMPLETED BY K. F. Grasso
TELEPHONE 414/755-2321

Unit 2 operated at approximately 499 MWe net throughout this report period with no significant load reductions.

On January 15, 2-52/RTB "B" reactor trip breaker would not close after a successful trip test. The circuit breaker was replaced with a spare, which tested and reclosed satisfactorily. Electricians found the linkage, the latch mechanism and the undervoltage coils were satisfactory. Investigations by Instrument and Control technicians are continuing.

Other safety-related maintenance included repairs to pressurizer liquid space sample isolation valve 2-966B and the ten-year pressure test of part of the auxiliary feedwater system.