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VPNPD-91-275
NRC-91-081

August 12, 1991

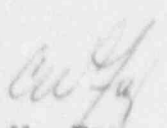
U. S. NUCLEAR REGULATORY COMMISSION
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Gentlemen:

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 July 1991.

Very truly yours,


C. W. Fay
Vice President
Nuclear Power

Attachments

Copies to L. L. Smith, PSCW
NRC Regional Administrator, Region III
NRC Resident Inspector

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OPERATING DATA REPORT

DOCKET NO. 50-266

DATE: August 7, 1991

COMPLETED BY: D. C. Peterson

TELEPHONE 414/755-2321, Ext. 361

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
2. REPORTING PERIOD: JULY 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	5,087	181,751
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	4,029.6	149,797.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	652.7
14. HOURS GENERATOR ON LINE	744.0	3,954.6	146,858.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	837.9
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,126,841	5,922,198	205,328,893
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	380,540	2,016,940	69,319,320
18. NET ELECTRICAL ENERGY GENERATED (MWH)	363,119	1,924,677	66,045,717
19. UNIT SERVICE FACTOR	100.0	77.7	80.8
20. UNIT AVAILABILITY FACTOR	100.0	77.7	81.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.8	78.0	74.5
22. UNIT CAPACITY FACTOR (USING DER NET)	98.4	76.1	73.1
23. UNIT FORCED OUTAGE RATE	0.0	0.6	1.7
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 JULY - 1991

DOCKET NO. 50-266

UNIT NAME Point Beach, Unit 1

DATE August 7, 1991

COMPLETED BY J. T. Kirchen

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>487</u>	11	<u>490</u>	21	<u>495</u>
2	<u>495</u>	12	<u>488</u>	22	<u>493</u>
3	<u>495</u>	13	<u>485</u>	23	<u>494</u>
4	<u>496</u>	14	<u>485</u>	24	<u>492</u>
5	<u>464</u>	15	<u>481</u>	25	<u>488</u>
6	<u>495</u>	16	<u>484</u>	26	<u>485</u>
7	<u>494</u>	17	<u>493</u>	27	<u>482</u>
8	<u>492</u>	18	<u>490</u>	28	<u>485</u>
9	<u>492</u>	19	<u>494</u>	29	<u>485</u>
10	<u>493</u>	20	<u>494</u>	30	<u>484</u>
				31	<u>483</u>

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

Docket No. 50-266
 Unit Name Point Beach, Unit 1
 Date August 7, 1991
 Completed By D. C. Peterson
 Telephone No. 414/755-2321, Ext. 361

No.	Date	Type ¹	Duration	Reason ²	Method of Shutting Down	Licensee Event	System	Component	Cause and Corrective Action

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 August 8, 1991
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321, Ext. 361

Unit 1 operated at approximately 489 MWe net throughout this report period with no significant load reductions.

Unit 1 experienced a reportable event in accordance with 10CFR50.73 (1 LER 91-009). On July 27, a nuclear instrumentation power channel 1N44 spiked high, then returned to normal causing a turbine runback with associated reactor protection rod drop rod stop signal. 1N44 was removed from service, checked, no fault found, and returned to service.

Safety-related maintenance included calibration, filling and venting of the electric auxiliary feedwater pumps discharge flow transmitters FI-4007 and FI-4014; replaced gasket to stop body to bonnet leak on auxiliary feedwater pump; overspeed trip valve IMS-2082; inspecting the main feedwater pump 1P-29 outboard bearing.

OPERATING DATA REPORT

DOCKET NO. 50-301

DATE: August 7, 1991

COMPLETED BY: D. C. Peterson

TELEPHONE 414/755-2321, Ext. 361

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2 . NOTES .
2. REPORTING PERIOD: JULY 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	5,087	166,536
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	5,087.0	146,171.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	216.7
14. HOURS GENERATOR ON LINE	744.0	5,087.0	144,006.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	302.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1,118,149	7,690,607	205,855,016
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	379,970	2,637,360	69,934,620
18. NET ELECTRICAL ENERGY GENERATED (MWH)	362,933	2,523,606	66,655,672
19. UNIT SERVICE FACTOR	100.0	100.0	86.5
20. UNIT AVAILABILITY FACTOR	100.0	100.0	86.7
21. UNIT CAPACITY FACTOR (USING MDC NET)	100.6	102.3	81.8
22. UNIT CAPACITY FACTOR (USING DER NET)	98.2	99.8	80.5
23. UNIT FORCED OUTAGE RATE	0.0	0.0	1.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

42-day Refueling and Maintenance Shutdown to start September 27, 1991.

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

DOCKET NO. 50-301

AVERAGE DAILY UNIT POWER LEVEL

UNIT NAME Point Beach, Unit 2

MONTH JULY YEAR 1991

DATE August 7, 1991

COMPLETED BY J. T. Kirchen

TELEPHONE 414/755-2321

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MW_e NET</u>
1	<u>499</u>
2	<u>498</u>
3	<u>498</u>
4	<u>498</u>
5	<u>498</u>
6	<u>497</u>
7	<u>500</u>
8	<u>492</u>
9	<u>495</u>
10	<u>495</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MW_e NET</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL MW_e NET</u>
11	<u>494</u>	21	<u>498</u>
12	<u>489</u>	22	<u>497</u>
13	<u>487</u>	23	<u>498</u>
14	<u>491</u>	24	<u>495</u>
15	<u>486</u>	25	<u>491</u>
16	<u>487</u>	26	<u>488</u>
17	<u>491</u>	27	<u>487</u>
18	<u>495</u>	28	<u>489</u>
19	<u>498</u>	29	<u>488</u>
20	<u>498</u>	30	<u>486</u>
		31	<u>487</u>

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

PORT MONTH JULY - 1991

Docket No. 50-301
Unit Name Point Beach, Unit 2
Date August 7, 1991
Completed By D. C. Peterson
Telephone No. 414/755-2321, Ext. 3-1

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
1	910714	S	20	B	5	NA	EB	CKT BRK	Sulfur Hexafluoride (SF ₆) gas leak repair on 345 KV Circuit Breaker.

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. 50-301
UNIT NAME Point Beach Unit 2
DATE August 7, 1961
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321, Ext. 361

Unit 2 operated at approximately 487.7 MWe net throughout this report period with one significant load reduction. The load reduction was caused by a gas leak in a switchyard circuit breaker. Repair of the circuit breaker aligned Unit 2 with only one outgoing 345 KV line. Power was reduced to less than 50 percent during the attempted repair in accordance with Technical Specification 15.3.7.b.1.a.

Unit 2 experienced a reportable event in accordance with 10CFR50.73 (2 LER 91-001). A reactor protection system rod stop signal was generated on July 30, while performing a reactor protection system logic surveillance test.

Safety-related maintenance included verifying drawings associated with the reactor protection system logic.