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VPNPD-92-172
NRC-92-048

May 8, 1992

U. S. NUCLEAR REGULATORY COMMISSION
Document Control Desk
Mail Station P1-137
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 April 1992.

Sincerely,

A handwritten signature in cursive script that reads 'James J. Zach'.

James J. Zach
Vice President
Nuclear Power

Attachments

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

9205120093 920430
PDR ADOCK 05000266
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-266

DATE May 4, 1992

COMPLETED BY D. C. Peterson

TELEPHONE 414/755-2321

OPERATING STATUS

- 1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 1
- 2. REPORTING PERIOD: APRIL 1992
- 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): 4d5.
- 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 | 719 | 2,903 | 188,327 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 247.3 | 2,431.3 | 155,821.6 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 2.4 | 2.4 | 655.1 |
| 14. HOURS GENERATOR ON LINE | 244.9 | 2,428.9 | 152,857.6 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 846.9 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 363,361 | 3,637,967 | 214,287,970 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (L,MWH) | 123,900 | 1,249,950 | 72,353,680 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 116,995 | 1,196,458 | 68,946,231 |
| 19. UNIT SERVICE FACTOR | 34.1 | 83.7 | 81.2 |
| 20. UNIT AVAILABILITY FACTOR | 34.1 | 83.7 | 81.6 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 33.6 | 85.0 | 75.1 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 32.7 | 82.9 | 73.7 |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.0 | 1.7 |

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: May 22, 1992

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

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

POINT BEACH NUCLEAR PLANT
AVERAGE DAILY UNIT POWER LEVEL
 MONTH APRIL - 1992

DOCKET NO. 50-266
 UNIT NAME Point Beach, Unit 1
 DATE May 4, 1992
 COMPLETED BY D. C. Peterson
 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>10</u> | 21 | <u>-2</u> |
| 2 | <u>496</u> | 12 | <u>-14</u> | 22 | <u>-2</u> |
| 3 | <u>496</u> | 13 | <u>-11</u> | 23 | <u>-2</u> |
| 4 | <u>496</u> | 14 | <u>-2</u> | 24 | <u>-2</u> |
| 5 | <u>496</u> | 15 | <u>-2</u> | 25 | <u>-2</u> |
| 6 | <u>495</u> | 16 | <u>-2</u> | 26 | <u>-2</u> |
| 7 | <u>496</u> | 17 | <u>-2</u> | 27 | <u>-1</u> |
| 8 | <u>497</u> | 18 | <u>-2</u> | 28 | <u>-1</u> |
| 9 | <u>498</u> | 19 | <u>-2</u> | 29 | <u>-1</u> |
| 10 | <u>471</u> | 20 | <u>-2</u> | 30 | <u>-2</u> |

POINT BEACH NUCLEAR PLANT
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 1992

Docket No. 50-265
 Unit Name Point Beach, Unit 1
 Date May 4, 1992
 Completed By D. C. Pierson
 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 |
|-----|--------|-------------------|----------|---------------------|-------------------------|----------------|--------|-----------|--|
| 1 | 920411 | S | 474.1 | C | 1 | | | | <p>Scheduled refueling and maintenance outage U1R19. Major work items include inspection and eddy current testing of steam generators, installation of full flow test lines for residual heat removal, safety injection and containment spray pumps. A capacity increase of the steam-driven auxiliary feedwater pump recirculation line. Control power separation for the 480 volt buses, low pressure turbine work and as-built electrical drawing walkdowns of the reactor protection and safeguards systems.</p> <p>Ultrasonic testing of all fuel rods.</p> |

¹F: Forced
 S: Scheduled

²Reason:
 A - Equipment Failure (explain)
 ? - 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 | May 4, 1992 |
| COMPLETED BY | D. C. Peterson |
| TELEPHONE | 414/755-2321, Extension 361 |

Unit 1 operated at an average of 163 MWe net throughout this report period. On April 11, at 0556 hours, the unit was taken off line, and at 0819 hours the reactor was subcritical in preparation for a refueling outage.

On April 28, an inadvertent de-energization of a 4160 volt safeguards bus caused an ESF actuation, reportable per 10 CFR 50.72.

Safety-related maintenance included the following: station battery charger ground detection circuits upgraded, charged 125 volt dc station battery cell, tightened wire and verified proper relay operation of reactor protection Train A relay logic, performed static alignment of steam generator flow transmitter, replaced the over-power amplifier on a nuclear instrumentation power range channel card, replaced capsule and seals on steam generator pressure transmitter, repaired loose wire on the reactor protection power range low setpoint, installed new QA cap on spray additive tank level drain, and replaced a slide valve on the purge valve.

OPERATING DATA REPORT

LOCKET NO. 50-301

DATE May 4, 1992

COMPLETED BY D. C. Peterson

TELEPHONE 414/755-2321

OPERATING STATUS

1. UNIT NAME: POINT BEACH NUCLEAR PLANT UNIT 2
2. REPORTING PERIOD: APRIL 1992
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 | 719 | 2,903 | 173,112 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 719.0 | 2,903.0 | 151,632.8 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 11.6 | 228.3 |
| 14. HOURS GENERATOR ON LINE | 719.0 | 2,891.4 | 143,380.9 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 302.2 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1,084,547 | 4,319,655 | 213,786,812 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 372,020 | 1,495,570 | 72,654,950 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 355,440 | 1,431,849 | 69,251,627 |
| 19. UNIT SERVICE FACTOR | 100.0 | 99.6 | 86.3 |
| 20. UNIT AVAILABILITY FACTOR | 100.0 | 99.6 | 86.5 |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 101.9 | 101.7 | 81.8 |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 99.5 | 99.2 | 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):
Unit 2 Refueling 18 is scheduled for 9/25/92 through 11/13/92 for a total duration of 49 days.

25. IF SHUT-DOWN 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 APRIL - 1992

DOCKET NO. 50-501
 UNIT NAME Point Beach, Unit 2
 DATE May 4, 1992
 COMPLETED BY D. C. Peterson
 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>493</u> | 11 | <u>500</u> | 21 | <u>498</u> |
| 2 | <u>499</u> | 12 | <u>498</u> | 22 | <u>498</u> |
| 3 | <u>503</u> | 13 | <u>493</u> | 23 | <u>498</u> |
| 4 | <u>495</u> | 14 | <u>498</u> | 24 | <u>498</u> |
| 5 | <u>499</u> | 15 | <u>497</u> | 25 | <u>396</u> |
| 6 | <u>499</u> | 16 | <u>498</u> | 26 | <u>497</u> |
| 7 | <u>499</u> | 17 | <u>498</u> | 27 | <u>496</u> |
| 8 | <u>498</u> | 18 | <u>498</u> | 28 | <u>506</u> |
| 9 | <u>500</u> | 19 | <u>498</u> | 29 | <u>488</u> |
| 10 | <u>496</u> | 20 | <u>498</u> | 30 | <u>498</u> |

POINT BEACH NUCLEAR PLANT

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL - 1992

Docket No. 50-301
 Unit Name Point Beach, Unit 2
 Date May 4, 1992
 Completed By D. C. Peterson
 Telephone No. 414/755-2321, Ext. 361

| 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 |
|-----|--------|-------------------|------------------|---------------------|--|---------------------------|--------------------------|-----------------------------|---|
| 2 | 920425 | S | 0 | B | 5 | N/A | N/A | N/A | Scheduled precautionary load reduction to facilitate live transfer of DC distribution cabinets D11 and D12 from the normal DC bus D01 to a temporary DC bus TD01 for installation of a new D01 bus. |

¹F: Forced
¹S: 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 May 4, 1992
COMPLETED BY D. C. Peterson
TELEPHONE 414/755-2321, Ext. 361

Unit 2 operated at approximately 494 MWe net throughout this report period with one precautionary, significant load reduction.

Safety-related maintenance included: adjustment of upper limit switch to gain proper indication of sump A drain valve.