

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

June, 1984

OPERATIONS: A load reduction to 44% was taken on June 2, for condenser waterbox inspection and performance of the monthly Turbine Stop Valve test. The unit was returned to full power on June 4.

MAINTENANCE: Replaced a broken phase barrier support in a 480V breaker.

Adjusted and/or installed new seals on Shield Building doors.

Repacked several valves on the Spent Fuel Pool cooling system.

Installed new plungers in a Charging Pump.

Adjusted Special Vent system damper controls.

IE 24
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A V E R A G E D A I L Y U N I T P O W E R L E V E L

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- G. H. RUITER
TELEPHONE- 414-388-2560 X225

REPORT MONTH JUNE, 1984

| DAY | AVERAGE DAILY POWER LEVEL (MWE-NET) |
|-----|---|
| 1 | 520 |
| 2 | 238 |
| 3 | 250 |
| 4 | 503 |
| 5 | 520 |
| 6 | 520 |
| 7 | 520 |
| 8 | 524 |
| 9 | 520 |
| 10 | 524 |
| 11 | 520 |
| 12 | 520 |
| 13 | 520 |
| 14 | 524 |
| 15 | 520 |
| 16 | 524 |
| 17 | 520 |
| 18 | 524 |
| 19 | 520 |
| 20 | 520 |
| 21 | 520 |
| 22 | 520 |
| 23 | 524 |
| 24 | 520 |
| 25 | 520 |
| 26 | 520 |
| 27 | 520 |
| 28 | 524 |
| 29 | 520 |
| 30 | 520 |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: July 2, 1984
 COMPLETED BY: G. H. Rutter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - JUNE, 1984

| NO. | DATE | TYPE | DURATION | REASON | METHOD | IEB NUMBER | SYS | COMPONENT | COMMENTS |
|-----|---------|------|----------|--------|--------|------------|-----|-----------|---|
| 6 | 6/ 2/84 | F | 0.0 | B | 5 | N/A | HF | HTEXCH | 6. A load reduction to 44% power was required to permit inspection of the Main Condenser waterboxes and the repair of a special test instrument sensing line due to circulating water leakage into the condenser. |

TYPE

F: Forced
 S: Scheduled

REASON

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

METHOD

1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuations
 5-Load Reductions
 9-Other

SYSTEM & COMPONENT CODES

From NUREG-0161

OPERATING DATA REPORT

DOCKET NO- 50-305
 COMPLETED BY- G. H. SUITER
 TELEPHONE- 414-388-2560 X225

OPERATING STATUS

| | | |
|---|------------|---|
| 1 UNIT NAME | KWAUNEE | ***** |
| 2 REPORTING PERIOD | JUNL, 1984 | * * * * * |
| 3 LICENSED THERMAL POWER (MWT) | 1650 | * NOTES * * * * * |
| 4 NAMEPLATE RATING (GROSS MWE) | 560 | * Normal power operation continued * * * * * |
| 5 DESIGN ELECTRICAL RATING (NET MWE) | 535 | * throughout this reporting period. * * * * * |
| 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) | 529 | * * * * * |
| 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) | 503 | ***** |

8 IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS
 None

9 POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) None

10 REASONS FOR RESTRICTIONS, IF ANY

| | THIS MONTH | YR-TO-DATE | CUMULATIVE |
|--|------------|------------|------------|
| 11 HOURS IN REPORTING PERIOD | 720 | 4367 | 88032 |
| 12 NUMBER OF HOURS REACTOR WAS CRITICAL | 720.0 | 3157.8 | 74337.7 |
| 13 REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 2330.5 |
| 14 HOURS GENERATOR ON-LINE | 720.0 | 3118.7 | 72931.1 |
| 15 UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 10.0 |
| 16 GROSS THERMAL ENERGY GENERATED (MWH) | 1144593 | 4880196 | 113851282 |
| 17 GROSS ELECTRICAL ENERGY GENERATED (MWH) | 379800 | 1609000 | 37467100 |
| 18 NET ELECTRICAL ENERGY GENERATED (MWH) | 361333 | 1532605 | 35664641 |
| 19 UNIT SERVICE FACTOR | 100.0 | 71.4 | 82.9 |
| 20 UNIT AVAILABILITY FACTOR | 100.0 | 71.4 | 82.8 |
| 21 UNIT CAPACITY FACTOR (USING MDC NET) | 99.8 | 69.8 | 77.9 |
| 22 UNIT CAPACITY FACTOR (USING DER NET) | 93.8 | 65.6 | 75.7 |
| 23 UNIT FORCED OUTAGE RATE | 0.0 | 0.3 | 3.8 |

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 None

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A

WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

July 10, 1984

Director,
Office of Inspection and Enforcement
Attention Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Monthly Operating Report

The narrative "Summary of Operating Experience" and completed forms covering plant and component availability for the Kewaunee Nuclear Power Plant for June 1984 are enclosed.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Carl Giesler".

C. W. Giesler
Vice President - Power Production

JGT/js

Enc.

cc - Mr. J. G. Keppler, Reg Adm
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