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| Wisconsin Public Service Corp.<br>Green Bay, Wisc.<br>E. W. James | 6-7-74 | 6-10-74 | X | | | |

| TO: | ORIG | CC | OTHER | |
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| | XXX | | | 1 | 50-305 |

DESCRIPTION:

Ltr trans the following.....

ENCLOSURES:

May Monthly Rpt: Plant & Component Operability and Availability....this report to be used by Plans & Operations in preparing Grey Book

**ACKNOWLEDGED**
**DO NOT REMOVE**

PLANT NAME: KEWAUNEE

(1 cy encl rec'd)

FOR ACTION/INFORMATION 6-10-74 GMC

| | | | |
|---|---|---|---|
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|---|---|---|---|---|
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| ✓AEC PDR | HENDRIE | GRIMES | LIC ASST | BRAITMAN |
| OGC, ROOM P-506A | SCHROEDER | GAMMILL | DIGGS (L) | SALTZMAN |
| MUNTZING/STAFF | MACCARY | KASTNER | GEARIN (L) | B. HURT |
| CASE | KNIGHT | BALLARD | GOULBOURNE (L) | PLANS |
| GIAMBUSSO | PAWLICKI | SPANGLER | LEE (L) | ✓MCDONALD |
| BOYD | SHAO | | MAIGRET (L) | DUBE w/Input |
| MOORE (L)(BWR) | STELLO | ENVIRO | REED (E) | |
| DEYOUNG(L)(PWR) | HOUSTON | MULLER | SERVICE (L) | INFO |
| SKOVHOLT (L) | NOVAK | DICKER | SHEPPARD (L) | C. MILES |
| GOLLER(L) | ROSS | KNIGHTON | SLATER (E) | KLECKER |
| P. COLLINS | IPPOLITO | YOUNGBLOOD | SMITH (L) | EISENHUT |
| DENISE | TEDESCO | REGAN | TEETS (L) | |
| REG OPR | LONG | PROJECT LDR | WADE (E) | AOR FILE |
| FILE & REGION(3) | LAINAS | | WILLIAMS (E) | D. THOMPSON (2) |
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| | VOLLMER | | | |

EXTERNAL DISTRIBUTION

LB

| | | |
|---|---|---|
| ✓1 - LOCAL PDR KEWAUNEE, WI | (1)(2)(10)-NATIONAL LAB'S | 1-PDR-SAN/LA/NY |
| ✓1 - TIC (ABERNATHY) | 1-ASLBP(E/W Bldg,Rm 529) | 1-GERALD LELLOUCHE |
| ✓1 - NSIC(BUCHANAN) | 1-W. PENNINGTON, Rm E-201 GT | BROOKHAVEN NAT. LAB |
| 1 - ASLB | 1-CONSULTANT'S | 1-AGMED(Ruth Gussman) |
| 1 - F. R. DAVIS (AEROJET NUCLEAR) | NEWMARK/BLUME/AGBABIAN | RM-B-127, GT. |
| 16 - CYS ACRS HOLDING | 1-GERALD ULRIKSON...ORNL | 1-RD..MULLER..F-309 GT |
| | 1-B & M SWINEBROAD, Rm E-201 GT | |

WISCONSIN PUBLIC SERVICE CORPORATION

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

June 7, 1974

RECEIVED
JUN 10 1974

Office of Plans and Schedules
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

50-305

Gentlemen:

The completed forms covering plant and component availability for our Kewaunee Nuclear Power Plant - Unit No. 1 (May 1974) are enclosed.

Very truly yours,

E. W. James
Senior Vice President
Power Generation & Engineering

EWJ:sna
Enc.
cc - Mr. James G. Keppler
Chicago Regional Office

DOCKETED
USAEC
JUN 10 1974
REGULATORY
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5168

REGULATORY DOCKET FILE COPY

ENCLOSURE A

UNIT Kewaunee #1

DATE 6-4-74

COMPLETED BY A. J. Ruege

## DAILY PLANT POWER OUTPUT

MONTH May 1974

| DAY | AVERAGE DAILY MWe-net | DAY | AVERAGE DAILY MWe-net |
|---|---|---|---|
| 1 | 246 | 25 | -13 |
| 2 | 186 | 26 | -7 |
| 3 | 4 | 27 | -10 |
| 4 | 207 | 28 | 258 |
| 5 | 248 | 29 | 373 |
| 6 | 253 | 30 | 382 |
| 7 | 258 | 31 | 382 |
| 8 | 20 | | |
| 9 | -12 | | |
| 10 | 270 | | |
| 11 | 12 | | |
| 12 | 238 | | |
| 13 | 365 | | |
| 14 | 365 | | |
| 15 | 366 | | |
| 16 | 378 | | |
| 17 | 406 | | |
| 18 | 361 | | |
| 19 | 365 | | |
| 20 | 307 | | |
| 21 | 381 | | |
| 22 | 369 | | |
| 23 | 373 | | |
| 24 | 369 | | |

UNIT NAME Kewaunee #1

DATE 6-4-74

COMPLETED BY A. J. Ruege

# OPERATING STATUS

1. REPORTING PERIOD: 0001, 740501 TO 2400,,740531

   GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 1650 MWe-NET 540

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 100

4. REASONS FOR RESTRICTIONS (IF ANY):

| | THIS MONTH | YR-TO-DATE | CUMULATIVE TO DATE |
|---|---|---|---|
| 5. HOURS REACTOR WAS CRITICAL | 637.66 | 1463.66 | 1463.66 |
| 6. HOURS GENERATOR ON-LINE | 556.10 | 746.05 | 746.05 |
| 7. GROSS THERMAL POWER GENERATED (MWH) | 600420 | 721832 | 721832 |
| 8. GROSS ELECTRICAL POWER GENERATED (MWH) | 199686 | 235771 | 235771 |
| 9. NET ELECTRICAL POWER GENERATED (MWH) | 185056 | 200892 | 200892 |
| 10. REACTOR AVAILABILITY FACTOR (1) | 85.70 | 66.28 | 66.28 |
| 11. PLANT AVAILABILITY FACTOR (2) | 74.74 | 33.78 | 33.78 |
| 12. PLANT CAPACITY FACTOR (3) | 46.06 | 16.84 | 16.84 |
| 13. FORCED OUTAGE RATE (4) | 16.51 | 34.28 | 34.28 |

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): None

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: -

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

| | (PRESENT) (FORECAST) | DATE LAST FORECAST | DATE ACHIEVED | REASON FOR DIFFERENCE |
|---|---|---|---|---|
| INITIAL CRITICALITY | | - | 3/7/74 | - |
| INITIAL ELECTRICAL POWER GENERATION | | - | 4/8/74 | - |
| COMMERCIAL OPERATION | 6/30/74 | 6/30/74 | | |

Not for report purposes

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}}$ *100

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REORTING PERIOD}}$ *100

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL*GROSS HOURS IN REPORTING PERIOD}}$ *100

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}}$ *100

SUMMARY:

Testing continued throughout the month. Maximum power limited to approximately 75% while repairs being made to Feedwater Pump.

UNIT NAME Kewaunee #1

DATE 6-4-74

COMPLETED BY A. J. Ruege

REPORT MONTH May 1974

# PLANT SHUTDOWNS

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|---|---|---|---|---|---|---|
| 15 | 740502 | F | 19.4 | B | C | 15. Unit tripped on HiFlux rate while technician was working on circuit. While unit was down various Maintenance items were performed. |
| 16 | 740503 | F | 6.7 | A | C | 16. Failed Power Supply in EH Turbine Control. |
| 17 | 740504 | F | 2.5 | B | C | |
| 18 | 740507 | F | 8.75 | B | C | |
| 19 | 740508 | F | 40.3 | B | A | |
| 20 | 740511 | F | 28.4 | A | C | 20. Scale buildup in condensate pump strainers tripped feed pump which tripped unit. |
| 21 | 740520 | F | 4.0 | G | C | 21. While adjusting output current technician neglected to reset rate trip before working on second unit. |
| 22 | 740525 | S | 77.8 | B | A | |

(1) REASON:
- A-EQUIPMENT FAILURE (EXPLAIN)
- B-MAINT. OR TEST
- C-REFUELING
- D-REGULATORY RESTRICTION
- E-OPERATOR TRAINING AND LICENSE EXAMINATION
- F-ADMINISTRATIVE
- G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:
- A- MANUAL
- B- MANUAL SCRAM
- C- AUTOMATIC SCRAM