

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
MONTHLY REPORT

TO:
N. R. C.

FROM:
**Wisconsin Public Service Corp.
Green Bay, Wisconsin
E. W. James**

DATE OF DOCUMENT
6/7/76

DATE RECEIVED
6/17/76

LETTER NOTORIZED
 ORIGINAL UNCLASSIFIED
 COPY

PROP INPUT FORM

NUMBER OF COPIES RECEIVED
One Signed

DESCRIPTION
LETTER TRANS THE FOLLOWING:

ENCLOSURE
MONTHLY REPORT FOR MAY/76
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

PLANT NAME:

Kewaunee

(4-P)

**ACKNOWLEDGED
DO NOT REMOVE**

SAFETY

FOR ACTION/INFORMATION

ENVIRO **6/17/76** **RJL**

MIPC
W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

REG FILE
 NRC PDR
 MCDONALD
 S. CHAPMAN
 BRANCH CHIEF(L)
 LIC. ASST. (L)
**SCHWENCER
SHEPPARD**

EXTERNAL DISTRIBUTION

LDR: KEWAUNEE, WI.
 TIC
 NSIC

CONTROL NUMBER

6040

WISCONSIN PUBLIC SERVICE CORPORATION



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

June 7, 1976

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



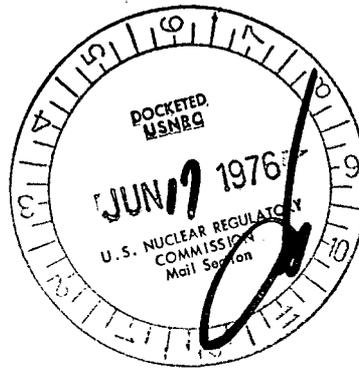
Gentlemen:

The completed forms covering plant and component availability
for our Kewaunee Nuclear Power Plant - Unit No. 1 (May 1976) are enclosed.

Very truly yours,

E. W. James
E. W. James *ERM*
Senior Vice President
Power Supply & Engineering

EWJ:sna
Enc.
cc - Mr. James G. Keppler, Reg Dir
US NRC - Chicago Regional Office



Regulatory Docket File

6040

UNIT Kewaunee #1

DATE June 2, 1976

COMPLETED BY J.J. Wallace

DAILY PLANT POWER OUTPUT

MONTH MAY, 1976

| <u>DAY</u> | <u>AVERAGE NET DAILY MWe</u> |
|------------|----------------------------------|
| 1 | 442 |
| 2 | 103 |
| 3 | 421 |
| 4 | 438 |
| 5 | 438 |
| 6 | 442 |
| 7 | 438 |
| 8 | 434 |
| 9 | 22 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |
| 17 | 0 |
| 18 | 0 |
| 19 | 40 |
| 20 | 290 |
| 21 | 458 |
| 22 | 475 |
| 23 | 471 |
| 24 | 491 |
| 25 | 516 |
| 26 | 520 |
| 27 | 516 |
| 28 | 520 |
| 29 | 520 |
| 30 | 516 |
| 31 | 516 |

SUMMARY: Escalation to full power following first refueling completed. Full recovery was delayed by failed reactor vessel head seals which necessitated head removal.

UNIT NAME KEWAUNEE #1
 DATE June 1, 1976
 COMPLETED BY J.J. Wallace
414-388-2500 Ext. 240

REPORT MONTH May, 1976

PLANT SHUTDOWNS

| NO. | DATE | TYPE F-FORCED S-SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR (2) | COMMENTS |
|-------|--------|---------------------------------|---------------------|------------|---|--|
| 76-9 | 050276 | F | 12.2 | A | C | 9. Blown fuse in CRDM resulted in dropping a rod followed by a trip. |
| 76-10 | 050276 | F | 1.3 | H | C | 10. During recovery from 76-9 S/G water levels "shrank" excessively resulting in Lo-Lo trip. |
| 76-11 | 050976 | F | 254 | A | A | 11. Reactor vessel head seal failure required head removal for seal replacement. |

(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)
 H-OTHER (EXPLAIN)

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

OPERATING DATA REPORT

DOCKET NO. 50-305
 UNIT Kewaunee #1
 DATE _____
 COMPLETED BY J. J. Wallace
 TELEPHONE 414-388-2560
 Ext. 240

OPERATING STATUS

1. REPORTING PERIOD: May, 1976 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1650 MAX. DEPEND. CAPACITY (MWe-Net): 525
 DESIGN ELECTRICAL RATING (MWe-Net): 535
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): N/A
4. REASONS FOR RESTRICTION (IF ANY):

| | THIS MONTH | YR TO DATE | CUMULATIVE |
|--|------------------|--------------------|---------------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL | <u>484.6</u> | <u>2 130.4</u> | <u>13 864.3</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>11.3</u> | <u>188.1</u> | <u>1 854.9</u> |
| 7. HOURS GENERATOR ON LINE. | <u>476.5</u> | <u>1 863.8</u> | <u>13 180.9</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>.0</u> | <u>.0</u> | <u>.0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>685 126.0</u> | <u>2 669 906.0</u> | <u>18 523 202.0</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>228 500.0</u> | <u>865 400.0</u> | <u>6 069 500.0</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>216 718.0</u> | <u>821 348.0</u> | <u>5 761 069.0</u> |
| 12. REACTOR SERVICE FACTOR | <u>65.1</u> | <u>58.4</u> | <u>80.7</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>66.7</u> | <u>63.6</u> | <u>91.5</u> |
| 14. UNIT SERVICE FACTOR. | <u>64.0</u> | <u>51.1</u> | <u>76.7</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>64.0</u> | <u>51.1</u> | <u>76.7</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>55.5</u> | <u>42.9</u> | <u>62.9</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>54.4</u> | <u>42.1</u> | <u>62.7</u> |
| 18. UNIT FORCED OUTAGE RATE. | <u>36.0</u> | <u>15.4</u> | <u>8.4</u> |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): | | | |
| 20. IF SHUTDOWNS AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____ | | | |

6040