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MONTHLY REPORT

TO: NRC

FROM: Wisconsin Public Service Corp.
Green Bay, WI 54305
E. W. James

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2/2/77

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2/9/77

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

No. of pages 1

PLANT NAME: Kewaunee Unit 1

ENCLOSURE

MONTHLY REPORT FOR January 1977
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

No. of pages 3

(1 cy Encl.)

Rec'd

SAFETY

FOR ACTION/INFORMATION

ENVIRO

WJG 2/9/77

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W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

REG FILE
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LPDR: Kewaunee, WI
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WISCONSIN PUBLIC SERVICE CORPORATION



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

February 2, 1977

50-305

Regulatory Docket File

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



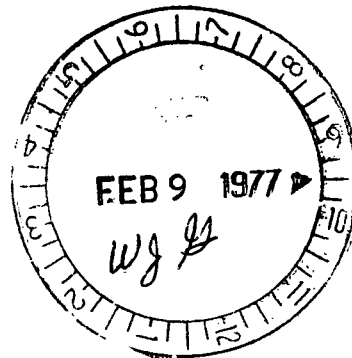
Gentlemen:

The completed forms covering plant and component availability for our Kewaunee Nuclear Power Plant - Unit No. 1 (January 1977) are enclosed.

Very truly yours,

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

EWJ:sna
Enc.
cc - Mr. J. G. Keppler, Reg Dir - US NRC



OPERATING DATA REPORT

DOCKET NO. 50-305
 UNIT Kewaunee #1
 DATE February 1, 1977
 COMPLETED BY I. J. Wallace
 TELEPHONE 414-388-2560
 Ext. 240

OPERATING STATUS

1. REPORTING PERIOD: January, 1977 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1650 MAX. DEPEND. CAPACITY (MWe-Net): 515
 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>386.1</u>	<u>386.1</u>	<u>19 335.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>21.9</u>	<u>21.9</u>	<u>1 881.4</u>
7. HOURS GENERATOR ON LINE	<u>384.8</u>	<u>384.8</u>	<u>18 628.6</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>.0</u>	<u>.0</u>	<u>.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>606 787.0</u>	<u>606 787.0</u>	<u>27 266 300.0</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>197 700.0</u>	<u>197 700.0</u>	<u>8 957 300.0</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>188 459.0</u>	<u>188 459.0</u>	<u>8 511 445.0</u>
12. REACTOR SERVICE FACTOR	<u>51.9</u>	<u>51.9</u>	<u>83.8</u>
13. REACTOR AVAILABILITY FACTOR	<u>54.8</u>	<u>54.8</u>	<u>92.0</u>
14. UNIT SERVICE FACTOR	<u>51.7</u>	<u>51.7</u>	<u>80.8</u>
15. UNIT AVAILABILITY FACTOR	<u>51.7</u>	<u>51.7</u>	<u>80.8</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>49.2</u>	<u>49.2</u>	<u>69.7</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>47.3</u>	<u>47.3</u>	<u>69.0</u>
18. UNIT FORCED OUTAGE RATE	<u>.0</u>	<u>.0</u>	<u>6.2</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>March 6, 1977</u>			

UNIT Kewaunee #1

DATE February 1, 1977

COMPLETED BY J.J. Wallace

DAILY PLANT POWER OUTPUT

MONTH January, 1977

<u>DAY</u>	<u>AVERAGE NET DAILY MWe</u>
1	398
2	415
3	479
4	504
5	510
6	500
7	505
8	506
9	501
10	506
11	509
12	505
13	504
14	509
15	505
16	493
17	3
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

SUMMARY:

Thrown blade in LP-2 turbine
accelerated start date of refueling.

UNIT NAME KEWAUNEE #1DATE February 1, 1977COMPLETED BY J.J. Wallace
414-388-2560, Ext. 207REPORT MONTH January, 1977

P L A N T S H U T D O W N S

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	770117	F/S	359.2	A/C	A	<p>1. Thrown blade in LP-2 turbine forced shutdown. Decision was made to commence refueling early.</p> <p>(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)</p> <p>(2) METHOD: A-MANUAL B-MANUAL SCRAM C-AUTOMATIC SCRAM</p>