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AUTH. NAME      AUTHOR AFFILIATION  
RUITER, G.H.      Wisconsin Public Service Corp.  
SCHROCK, C.A.      Wisconsin Public Service Corp.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1992 for Kewaunee Nuclear Plant. W/920310 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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**WISCONSIN PUBLIC SERVICE CORPORATION**

600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

March 10, 1992

10 CFR 50.36

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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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 February 1992 are enclosed in accordance with Technical Specification 6.9.1(c).

Sincerely,

C. A. Schrock  
Manager-Nuclear Engineering

BAP/jms

Enc.

cc - US NRC - Region III

Mr. Patrick Castleman, US NRC  
N 490, Highway 42, Kewaunee, WI 54216-9510  
INPO Records Center, Suite I500,  
1100 Circle 75 Parkway,  
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KEWAUNEE NUCLEAR POWER PLANT  
SUMMARY OF OPERATING EXPERIENCE  
FEBRUARY, 1992

**OPERATIONS:** Normal power operation continued through this reporting period.

**MAINTENANCE:** The Instrument and Control Group provided support of efforts to obtain Service Water flow baseline data and Refueling Water Storage Tank inspection prior to the refueling outage, completed the replacement of the pressure sensor and calibration of Containment Spray Pump A discharge pressure transmitter, and completed repair of several Foxboro bistable boxes.

Mechanical and Electrical maintenance activities included preparation for the upcoming refueling outage, support of charcoal filter testing for various safety related ventilation systems, completion of annual inspections of the Turbine and Auxiliary Building overhead cranes, loading of new fuel assemblies into the Spent Fuel Pool, and repair of Service Water leaks in a Containment Fan Coil Unit.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305  
UNIT- KEWAUNEE  
COMPLETED BY- G. H. RUITER  
TELEPHONE- 414-388-2560 X2225

REPORT MONTH FEBRUARY, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	524
2	520
3	520
4	524
5	520
6	519
7	524
8	524
9	520
10	515
11	524
12	519
13	519
14	519
15	520
16	520
17	519
18	519
19	520
20	519
21	519
22	520
23	520
24	519
25	519
26	519
27	519
28	515
29	524

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305  
 UNIT NAME: Kewaunee  
 DATE: March 2, 1992  
 COMPLETED BY: G. H. Ruiter  
 TELEPHONE: 414-388-2560 x2225

REPORT MONTH - FEBRUARY, 1992

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns or power reductions in February.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced S: Scheduled	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)	1-Manual 2-Manual Scram 3-Automatic Scram 4-Continuations 5-Load Reductions 9-Other	From NUREG-0161

OPERATING DATA REPORT

DOCKET NO- 50-305  
 COMPLETED BY- G. H. RUITER  
 TELEPHONE- 414-388-2560 X2225

OPERATING STATUS

1 UNIT NAME KEWAUNEE \*\*\*\*\*  
 \*  
 2 REPORTING PERIOD FEBRUARY, 1992 \* NOTES \*  
 \*  
 3 LICENSED THERMAL POWER (MWT) 1650 \* Normal power operation continued through \*  
 \* this reporting period. \*  
 4 NAMEPLATE RATING (GROSS MWE) 560 \* \*  
 \* \*  
 5 DESIGN ELECTRICAL RATING (NET MWE) 535 \* \*  
 \* \*  
 6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 537 \* \*  
 \* \*  
 7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 511 \*\*\*\*\*

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	696	1440	155234
12 NUMBER OF HOURS REACTOR WAS CRITICAL	696.0	1440.0	133100.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	696.0	1440.0	131313.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1143608	2366133	207844447
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	380300	787300	68792100
18 NET ELECTRICAL ENERGY GENERATED (MWH)	361938	749269	65486228
19 UNIT SERVICE FACTOR	100.0	100.0	84.6
20 UNIT AVAILABILITY FACTOR	100.0	100.0	84.6
21 UNIT CAPACITY FACTOR (USING MDC NET)	101.8	101.8	82.2
22 UNIT CAPACITY FACTOR (USING DER NET)	97.2	97.3	78.9
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.3

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)  
 Refueling outage of 6-week duration scheduled to start March 6, 1992.

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