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SUBJECT: Monthly operating rept for May 1989 for Kewaunee Nuclear Power Plant.W/890609 ltr.

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June 9, 1989

10 CFR 50.36

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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 May 1989 are enclosed in accordance with Technical Specification 6.9.1(c).

Very truly yours,

C. R. Steinhardt
Manager - Nuclear Power

WRC/jms

Enc.

cc - US NRC - Region III
Mr. Robert Nelson, NRC Sr Resident Inspector
RR #1, Box 999, Kewaunee, WI 54216
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KEWAUNEE NUCLEAR POWER PLANT

SUMMARY OF OPERATING EXPERIENCE

May, 1989

OPERATIONS: Unit load was reduced to 390 MWE gross on May 14, 1989, for performance of the monthly Turbine stop and control valve operability test. The unit was returned to full power the same day.

MAINTENANCE: May maintenance activity was routine and consisted primarily of recovery activities from our March/April refueling outage and closeout of attendant Work Request documentation.

Plant Instrument and Control replaced numerous components approaching the end of their qualified life, rebuilt and replaced several leaking solenoid valves, supported Shield Building ventilation repairs and repaired the white channel of overpower delta-temperature.

Plant Electricians replaced several sections of Boric Acid heat tracing and performed overcurrent testing of numerous 480-volt molded case circuit breakers.

Plant Mechanics performed various routine valve repairs, supported Diesel Generator SSFI related upgrades, repaired several Service Water strainer packing leaks and assisted I & C with the Shield Building ventilation repairs.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH MAY, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	528
2	524
3	524
4	524
5	524
6	524
7	524
8	524
9	524
10	524
11	524
12	524
13	524
14	500
15	524
16	524
17	524
18	524
19	524
20	524
21	524
22	524
23	520
24	524
25	524
26	524
27	520
28	524
29	524
30	524
31	520

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: June 1, 1989
COMPLETED BY: G. H. Ruiter
TELEPHONE: 414-388-2560 x225

REPORT MONTH - MAY, 1989

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

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. RUITER
TELEPHONE- 414-388-2560 X225

OPERATING STATUS

1 UNIT NAME KEWAUNEE

2 REPORTING PERIOD MAY, 1989

3 LICENSED THERMAL POWER (MWT) 1650

4 NAMEPLATE RATING (GROSS MWE) 560

5 DESIGN ELECTRICAL RATING (NET MWE) 535

6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 529

7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 503

NOTES

Normal power operation continued through the reporting period.

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	744	3623	131137
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2435.9	111653.8
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	2400.7	109964.3
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1221793	3718930	173377048
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	408400	1243400	57337000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	389296	1185036	54604373
19 UNIT SERVICE FACTOR	100.0	66.3	83.9
20 UNIT AVAILABILITY FACTOR	100.0	66.3	83.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	104.0	65.0	80.9
22 UNIT CAPACITY FACTOR (USING DER NET)	97.8	61.1	77.8
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.7

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