



WISCONSIN PUBLIC SERVICE CORPORATION

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August 10, 1989

10 CFR 50.36

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

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

Effective July 1 the values for net power have been adjusted to account for the main transformer losses. The value of these losses is calculated as .305597 percent of gross generation. This change was agreed to for Edgewater Fossil Plant, Columbia Fossil Plant and Kewaunee Nuclear Plant by the Joint Plants Operating Committee (Wisconsin Power and Light Company, Wisconsin Public Service Corporation and Madison Gas and Electric Company).

Sincerely,

K. H. Evers
Manager - Nuclear Power

WRC/jms

Enc.

cc - US NRC - Region III

Mr. Robert Nelson, NRC Sr Resident Inspector
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KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
JULY, 1989

OPERATIONS: Unit load was reduced to 385 MWE gross on July 23, 1989, for performance of the monthly Turbine Stop and Control valve operability test. The unit was returned to full load the same day.

MAINTENANCE: July maintenance activities were routine except for completion of the 1A1 Traveling Water Screen overhaul.

Plant electricians performed routine maintenance, cleaned relays and tested Sequential Event Recorder Point 617 per SP 42-047 due to inconsistent time of relay operation.

I & C performed routine ICP's and SP's. Replaced the test potentiometer for Power Range Drawer N42; also replaced Check Source Cable in R-21 Cabinet and worked on R-17 Detector Bracket. Replaced ESF Feedwater Isolation Relay per TCR 89-39, relay was slow to drop out during SP 55-155A.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JULY, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	523
2	519
3	522
4	518
5	523
6	518
7	518
8	518
9	522
10	518
11	518
12	518
13	518
14	518
15	510
16	514
17	514
18	518
19	514
20	518
21	514
22	514
23	489
24	514
25	514
26	514
27	514
28	514
29	514
30	514
31	514

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH - JULY, 1989

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

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

O P E R A T I N G D A T A R E P O R T

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

O P E R A T I N G S T A T U S

1 UNIT NAME	KEWAUNEE	*****	
2 REPORTING PERIOD	JULY, 1989	*	*
3 LICENSED THERMAL POWER (MWT)	1650	* NOTES	*
4 NAMEPLATE RATING (GROSS MWE)	560	* Normal power operation continued through	*
5 DESIGN ELECTRICAL RATING (NET MWE)	535	* the reporting period.	*
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	529	* Starting with this report, the value for	*
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	503	* net generation is adjusted to account	*
		* for main transformer losses.	*
		*	*
		*	*

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	5087	132601
12 NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	3776.8	112994.7
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	744.0	3734.5	111298.1
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1221968	5843292	175501410
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	404300	1948400	58042000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	383772	1854657	55273994
19 UNIT SERVICE FACTOR	100.0	73.4	83.9
20 UNIT AVAILABILITY FACTOR	100.0	73.4	83.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	102.5	72.5	81.1
22 UNIT CAPACITY FACTOR (USING DER NET)	96.4	68.1	77.9
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