

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

JULY, 1987

OPERATIONS: THE MONTHLY TURBINE STOP AND CONTROL VALVE TEST REQUIREMENT WAS SATISFIED BY THE FORCED OUTAGE ON JULY 10.

MAINTENANCE: JULY MAINTENANCE ACTIVITY WAS ROUTINE EXCEPT FOR A PLANT TRIP CAUSED BY FAILURE OF BUSWORK FROM THE MAIN AUXILIARY TRANSFORMER TO BUSES 1-3, 1-4, 1-5, AND 1-6. THE OUTAGE DURATION WAS MINIMIZED BY ISOLATING THE FAILED SECTION FOR SUBSEQUENT REPAIR BY THE PLANT MAINTENANCE ELECTRICIANS. THE AFFECTED BUSES WERE REPOWERED FROM AN ALTERNATE SUPPLY.

MAINTENANCE ELECTRICIANS RE-ADJUSTED THE RESET LEVERS ON THE A & B REACTOR BYPASS BREAKER UV TRIP ATTACHMENTS.

I & C WORK INCLUDED REPLACEMENT/REPAIR OF VARIOUS RADIATION MONITOR DETECTORS AND RECALIBRATION OF SEVERAL SYSTEM TANK LEVEL ALARMS.

MECHANICAL MAINTENANCE INCLUDED REBUILD OF A SPARE CHARGING PUMP DRIVE UNIT, INSPECTION OF THE REFUELING WATER STORAGE TANK FOR RESIN (NONE FOUND) AND STRENGTHENING OF THE CONTROL ROOM AIR CONDITIONING FAN MOTOR MOUNTS UNDER A DESIGN CHANGE REQUEST.

AVERAGE DAILY UNIT POWER LEVEL

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

REPORT MONTH JULY, 1987

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	516
2	520
3	520
4	520
5	516
6	520
7	520
8	524
9	520
10	255
11	282
12	528
13	524
14	520
15	524
16	520
17	520
18	524
19	524
20	529
21	524
22	529
23	524
24	524
25	528
26	524
27	524
28	524
29	524
30	520
31	516

DOCKET # 50-305
UNIT NAME REMAINDER
DATE AUGUST 3, 1987
COMPLETED BY G. H. PUTTE
TELEPHONE 414-389-2566 X295

REPORT MONTH - JULY, 1987

REASUM

F: FORCED
S: SCHEDULED

A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINTENANCE OR TEST
C-REFUELING
D-REGULATOR RESTRICTION
E-OPERATOR TRAINING & LICENSE
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

OPERATIONAL DATA REPORT

POCKET NO- 59-395
COMPLETED BY- C. H. RUTLER
TELEPHONE- 414-388-2560 X235

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UNIT NAME	FUELTYPE	REPORTING PERIOD	JULY, 1987	NOTES
3	LICENSED THERMAL POWER (MWT)		1650	A PLANT TRIP OCCURRED ON JULY 10, DUE TO AN ELECTRICAL FAULT ON A NON-SAFEGUARD BUS.
4	NAMERPLATE 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	
8	IF CHARGES 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	REASON FOR RESTRICTIONS, IF ANY			
11	HOURS IN RETESTING PERIOD		744	
12	NUMBER OF HOURS REACTOR WAS CRITICAL		738.0	
13	REACTOR RESERVE SHUTDOWN HOURS		0.0	
14	HOURS GENERATOR ON-LINE		733.2	
15	UNIT RESERVE SHUTDOWN HOURS		0.0	
16	GROSS THERMAL ENERGY GENERATED (MMWH)		1183725	
17	GROSS ELECTRICAL ENERGY GENERATED (MMWH)		395600	
18	NET ELECTRICAL ENERGY GENERATED (MMWH)		376469	
19	UNIT SERVICE FACTOR		98.6	
20	UNIT AVAILABILITY FACTOR		98.6	
21	UNIT CAPACITY FACTOR (USING MDC NET)		100.6	
22	UNIT CAPACITY FACTOR (USING DER NET)		94.6	
23	UNIT FORCED OUTAGE RATE		1.4	

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)

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



WISCONSIN PUBLIC SERVICE CORPORATION

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

August 10, 1987

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 1987 are enclosed in accordance with Technical Specification 6.9.1(c).

Very truly yours,

A handwritten signature in dark ink, appearing to read "D. C. Hintz".

D. C. Hintz
Vice President - Nuclear Power

WRC/jms

Enc.

cc - US NRC - Region III
Mr. Robert Nelson, NRC Sr Resident Inspector
RR #1, Box 999, Kewaunee, WI 54216
INPO Records Center, Suite 1500,
1100 Circle 75 Parkway,
Atlanta, GA 30339

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