

E 8/14/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-305

REC: NRC
ORG: JAMES E W
WI PUB SVC

DOCDATE: 08/08/78
DATE RCVD: 08/11/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT: LTR 1 ENCL 1
FORWARDING SUBJECT FACILITY'S MONTHLY OPERATING REPT FOR THE MONTH OF JULY, 1978.

PLANT NAME: KEWAUNEE

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: M

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

NOTES:

- 1 & E - 3 CYS ALL MATERIAL
2. LAWRENCE(OELD) - 1 COPY ALL MATERIAL

ANNUAL, SEMI-ANNUAL & MONTHLY OPERATING RPTS (OL STAGE)
(DISTRIBUTION CODE A008)

FOR ACTION: BR CHIEF ORB#1 BC**W/6 ENCL

INTERNAL: REG FILE**W/ENCL
I & E**W/3 ENCL
HANAUER**W/ENCL
AD FOR SYS & PROJ**W/ENCL
REACTOR SAFETY BR**W/ENCL
EEB**W/ENCL
EFFLUENT TREAT SYS**W/ENCL

NRC PDR**W/ENCL
MIPC**W/2 ENCL
DIRECTOR DOR**W/ENCL
ENGINEERING BR**W/ENCL
PLANT SYSTEMS BR**W/ENCL
CORE PERFORMANCE BR**W/ENCL

EXTERNAL: LPDR'S
KEWAUNEE, WI**W/ENCL
NATL LAB ANL**W/ENCL
TERA**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/15 ENCL

DISTRIBUTION: LTR 41 ENCL 41
SIZE: 1P+4P

CONTROL NBR: 782190040

MR 60

***** THE END *****

WISCONSIN PUBLIC SERVICE CORPORATION



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

August 8, 1978

Director
Office of Management Information &
Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Docket No. 50-305
Operating License DPR-43
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, 1978, are enclosed.

Very truly yours,

A handwritten signature in cursive script, appearing to read "E. W. James".

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

cmn

Enc.

cc - Mr. J. G. Keppler, Reg Dir
US NRC - Region III
Mr. Ted Cintula
US NRC - Maryland National Bank Bldg
Washington, D. C. 20555

RECEIVED DISTRIBUTION
SERVICES UNIT
AUG 11 PM 5 43
NRC
REGULATORY
SERVICES
UNIT

REGULATORY POWER SUPPLY DIV

782190040

Aug 8 5/11

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

JULY 1978

OPERATIONS: On July 12, a three-hour capacity test was run with 515 MW net being the maximum average generation. Prior to the test the number one turbine control valve was unisolated and returned to service.

On July 16, the monthly turbine governor and stop valve test was completed.

Over the past several months, it was observed that the feedwater pump suction pressure was slowly decreasing. Investigation revealed that the pressure drop across the condensate side of feedwater water heaters 14A and 14B was excessive. Therefore, on July 29, feedwater heater 14B was removed from service for inspection. This inspection revealed that there was approximately a 50% blockage of the outlet tubes due to a copper buildup. Cleanup of the tubes is in progress.

The unit was operated at reduced load for a significant portion of the month due to light system demands.

MAINTENANCE: A detector for a plant radiation monitor channel was replaced because it would not calibrate properly.

A coil was replaced on a Zone SV damper.

As part of our PM program, a service water pump was inspected and rebuilt as required.

Several snubbers were rebuilt.

OPERATING DATA REPORT

DOCKET NO. 50-305
 DATE 8-3-78
 COMPLETED BY J. J. Wallace
 TELEPHONE 414-388-2560

OPERATING STATUS

1. Unit Name: Kewaunee
 2. Reporting Period: July, 1978
 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): 541
 7. Maximum Dependable Capacity (Net MWe): 515

Notes Only unit reductions during report period were for light system demand (e.g. 7/4) and for heater drain pump maintenance, (7/16).

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Capacity run on 7/12/78 established new values of MDC. May be revised upward following cleaning of 14A/B feedwater heaters.

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5,087.0	36,168.0
12. Number Of Hours Reactor Was Critical	744.0	4,236.5	30,298.9
13. Reactor Reserve Shutdown Hours	0.	9.0	2,000.4
14. Hours Generator On-Line	744.0	4,177.8	29,411.6
15. Unit Reserve Shutdown Hours	0.	0.	10.0
16. Gross Thermal Energy Generated (MWH)	1,129,811.	6,551,777.	44,345,232.
17. Gross Electrical Energy Generated (MWH)	374,900.	2,157,800.	14,640,800.
18. Net Electrical Energy Generated (MWH)	356,107.	2,054,268.	13,923,596.
19. Unit Service Factor	100.0	82.1	81.3
20. Unit Availability Factor	100.0	82.1	81.3
21. Unit Capacity Factor (Using MDC Net)	92.9	77.6	73.2
22. Unit Capacity Factor (Using DER Net)	89.5	75.5	72.0
23. Unit Forced Outage Rate	0.	0.2	4.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT Kewaunee #1

DATE August 4, 1978

COMPLETED BY J.J. Wallace

DAILY PLANT POWER OUTPUT

MONTH July, 1978

<u>DAY</u>	<u>AVERAGE NET DAILY MWe</u>
1	496
2	491
3	442
4	376
5	438
6	504
7	500
8	500
9	491
10	487
11	491
12	500
13	500
14	500
15	500
16	434
17	487
18	495
19	491
20	495
21	492
22	487
23	438
24	466
25	487
26	487
27	491
28	475
29	479
30	454
31	466

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1978

DOCKET NO. 50-305
 UNIT NAME Kewaunee
 DATE 8-3-78
 COMPLETED BY J. J. Wallace
 TELEPHONE 414-388-2560

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									No unit shutdowns this period. Reductions in daily output due to generally light system load- ing.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit C - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source