

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
APRIL 1980

Operations: On April 6, the monthly turbine stop valve test was completed.

Maintenance: A controller in a flux tilt circuit was replaced.
A relay in a steam exclusion circuit was replaced.
Repaired and recalibrated some boric acid heat tracing temperature control circuits.
Installed new seals on a waste gas compressor.
Installed new seals on a component cooling pump.
Repaired a knife switch on a diesel generator circuit breaker.
Replaced a sample pump on a radiation monitor.
Repaired a service water strainer that was not rotating properly.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- G. H. RUITER
TELEPHCNE- 414-388-2560 X207

REPORT MONTH APRIL, 1980

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	526
2	521
3	521
4	520
5	522
6	442
7	458
8	520
9	525
10	516
11	521
12	517
13	525
14	516
15	521
16	521
17	525
18	521
19	521
20	521
21	517
22	521
23	517
24	521
25	521
26	521
27	518
28	516
29	521
30	516

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

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

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1 UNIT NAME      KEWAUNEE
2 REPORTING PERIOD    APRIL, 1980
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) 545
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE) 526
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
    
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* NOTES      Unrestricted unit operations.
* As of April 30, 1980, the unit completed
* its 88th day of ccntinuous power opera-
* tion and the 20th month since the start
* of commercial operation with a 100% Unit
* Service Factor.
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* ** NOT REVIEWED **
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	THIS MONTH	YR-TO-DATE	CUMULATIVE
11 HOURS IN REPCRTING PERIOD	719	2903	51504
12 NUMBER OF HOURS REACTOR WAS CRITICAL	719.0	2636.0	43638.5
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	152.7	2330.5
14 HOURS GENERATOR ON-LINE	719.0	2618.8	42614.6
15 UNIT RESERVE SUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1175492	4236490	65387613
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	388700	1408900	21592700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	370626	1345192	20544260
19 UNIT SERVICE FACTOR	100.0	90.2	82.8
20 UNIT AVAILABILITY FACTOR	100.0	90.2	82.7
21 UNIT CAPACITY FACTOR (USING MDC NET)	98.0	88.1	76.1
22 UNIT CAPACITY FACTOR (USING DER NET)	96.4	86.6	74.6
23 UNIT FORCED CUTAGE RATE	0.0	9.8	5.6
24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)	Refueling; May 10, 1980; six weeks		
25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - N/A			

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: March 1, 1980
 COMPLETED BY: G. H. Rutter
 TELEPHONE: 414-388-2560 x207

REPORT MONTH - APRIL, 1980

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
									No shutdowns during the month of APRIL.

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