

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: November 2, 1981
COMPLETED BY: G. H. Ruiter
TELEPHONE: 414-388-2560 x225

REPORT MONTH - OCTOBER, 1981

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NUMBER	SYS	COMPONENT	COMMENTS
9	10/ 3/81	F	0.0	B	5	N/A	HF	HTEXCH	9. A load reduction to 42% power was required to permit inspection of the Main Condenser waterboxes and the plugging of two condenser tubes due to circulating water leakage into the condenser.
10	10/31/81	F	0.0	B	5	N/A	HF	HTEXCH	10. A load reduction to 42% power was required to permit inspection of the Main Condenser waterboxes and the plugging of one condenser tube due to circulating water leakage into the condenser.

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

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE

October, 1981

OPERATIONS: On October 3, the unit load was reduced to 225 MW to check for condenser leakage. The monthly turbine stop valve test was completed during the power reduction. The unit was returned to full load on October 4.

On October 5, the unit load was reduced to 225 MW to check for condenser leakage. The November turbine stop valve test was also completed during the power reduction.

MAINTENANCE: Replaced a leaking solenoid valve in a diesel generator air starting system.

Replaced a faulty controller for a SBV damper controller.

Replaced a faulty static trip device on a containment spray pump circuit breaker.

Rebuilt a charging pump.

Replaced a diesel generator startup air compressor motor.

Replaced a defective coil for a SBV exhaust fan damper solenoid valve.

AVERAGE DAILY UNIT POWER LEVEL

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REPORT MONTH OCTOBER, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
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1	512
2	508
3	234
4	275
5	503
6	512
7	512
8	512
9	512
10	512
11	512
12	512
13	512
14	512
15	508
16	512
17	512
18	512
19	516
20	512
21	512
22	513
23	512
24	512
25	511
26	512
27	512
28	512
29	512
30	512
31	230

OPERATING DATA REPORT

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OPERATING STATUS

1 UNIT NAME KEWAUNEE

2 REPORTING PERIOD OCTOBER, 1981

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) 512

* NOTES The unit has been on line for 146 consecutive days.

8 IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS
The Maximum Dependable Capacity was updated to 512 Mwe based on the fourth quarter capacity test.

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	745	7296	64681
12 NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	6215.3	54537.9
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	745.0	6133.9	53342.8
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1170754	9752247	82439471
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	380600	3185000	27179200
18 NET ELECTRICAL ENERGY GENERATED (MWH)	361948	3031737	25862707
19 UNIT SERVICE FACTOR	100.0	84.1	82.5
20 UNIT AVAILABILITY FACTOR	100.0	84.1	82.5
21 UNIT CAPACITY FACTOR (USING MDC NET)	94.9	80.4	76.4
22 UNIT CAPACITY FACTOR (USING DER NET)	90.8	77.7	74.7
23 UNIT FORCED OUTAGE RATE	0.0	0.8	4.9

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