

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: April 1, 1981
 COMPLETED BY: G. H. Fuitter
 TELEPHONE: 414-388-2560 x225

REPORT MONTH - MARCH, 1981

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NO.	DATE	TYPE	DURATION	REASON	METHOD	LOG NUMBER	SYS	COMPONENT	COMMENTS
3	3/21/81	F	24.5	A	3	N/A	RE	CRDRVE	3. During performance of scheduled bi-weekly CRDM exercising, CRDM power supply fuses blew resulting in a reactor/turbine trip. End-of-life conditions delayed restart until the post-trip xenon transient was passed.

TYPE	REASON	METHOD	SYSTEM & COMPONENT CODES
F: Forced S: Scheduled	A-Equipment Failure (Explain) B-Maintenance or Test C-Refueling L-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

OPERATING DATA REPORT

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

OPERATING STATUS

1 UNIT NAME KEWAUNEE *****
 *
 2 REPORTING PERIOD MARCH, 1981 * NOTES With the exception of a 1-day *
 * outage, the unit operated at full power *
 3 LICENSED THERMAL POWER (MWT) 1650 * for the entire reporting period. *
 *
 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) 522 *****

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	2160	59545
12 NUMBER OF HOURS REACTOR WAS CRITICAL	727.5	2141.7	50464.3
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	719.5	2132.3	49341.2
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1136912	3438294	76125518
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	373600	1129500	25123700
18 NET ELECTRICAL ENERGY GENERATED (MWH)	355650	1077598	23908568
19 UNIT SERVICE FACTOR	96.7	98.7	82.9
20 UNIT AVAILABILITY FACTOR	96.7	98.7	82.9
21 UNIT CAPACITY FACTOR (USING MDC NET)	91.6	95.6	76.6
22 UNIT CAPACITY FACTOR (USING DEF NET)	89.4	93.3	75.1
23 UNIT FORCED OUTAGE RATE	3.3	1.3	5.3

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
 A refueling shutdown of 6-week duration is scheduled to start on April 21, 1981.

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

KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE
March, 1981

OPERATIONS: On March 2, the unit was returned to full load after a trip in February.

On March 12, load was reduced to 490 MW for heater drain pump maintenance. The unit was returned to full load on the same day.

On March 21, during performance of scheduled bi-weekly CRDM exercising, CRDM power supply fuses blew resulting in a reactor/turbine trip. The unit was returned to full load on March 23.

MAINTENANCE: Replaced a transistor in a feedwater flow square root converter.

Replaced a relay in a service water pump breaker.

Replaced a sample pump for a containment radiation monitor.

Replaced bolts on Safety Injection valves.

Replaced an oil pump on an auxiliary feedwater pump.

Replaced plungers and C-rings in a charging pump.

AVERAGE DAILY UNIT POWER LEVEL

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REPORT MONTH MARCH, 1981

DAY AVERAGE DAILY
POWER LEVEL
(MWE-NET)

1	210
2	434
3	512
4	511
5	517
6	518
7	522
8	517
9	516
10	516
11	521
12	512
13	517
14	517
15	516
16	520
17	512
18	521
19	517
20	517
21	127
22	132
23	491
24	516
25	515
26	516
27	516
28	516
29	516
30	516
31	516