

DOCKET 50-305

**KEWAUNEE NUCLEAR POWER PLANT
SUMMARY OF OPERATING EXPERIENCE**

January, 1994

On January 5, 1994 at 2056, G-1 was opened starting a scheduled outage to repair the pressurizer manway. With repairs successfully complete, G-1 was closed on January 12, 1994 at 0121 ending an outage of 147.1 hours. 100% power operation has continued since January 14, 1994 at 0541.

The Maintenance group supported the shutdown which began on January 5, 1994 to investigate a Reactor Coolant System leak in the Containment building. The source of the leakage was identified at the Pressurizer Manway. The manway gasket was replaced and the plant was returned to service on January 12, 1994. In addition to supporting the shutdown, mechanical and electrical work included rebuilding one Main Feedwater Regulating Valve, installing a low discharge pressure trip on the Turbine Driven Auxiliary Feedwater Pump, replacing piping and a valve associated with one pressurizer loop seal drain, rebuilding a Component Cooling Water relief valve at the Excess Letdown Heat Exchanger, and Motor Operated Valve diagnostic testing for valves SI-2B, SI-4A, CVC-211, CVC-212, MS-102 and SW-601B.

The Instrument and Control group's activities for the month included support of the scheduled outage for repair of a Pressurizer manway leak and included the following:

- Adjusting Main Feedwater Control Valve for "A" Steam Generator to eliminate oscillation during power operation.
- Replacing two EQ solenoid valves on shroud cooling headers.

Activities for the remainder of the month included the following:

- Rebuilding and replacing solenoid valves for two Steam Exclusion dampers which failed to close during normal monthly surveillance performed on the Radiation Monitoring System.
- Recalibrating several Boric Acid Heat Tracing controllers.

A V E R A G E D A I L Y U N I T P O W E R L E V E L

DOCKET NO- 50-305
UNIT- KEWAUNEE
COMPLETED BY- M. L. ANDERSON
TELEPHONE- 414-388-2560 X2453

REPORT MONTH JANUARY, 1994

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	528
2	528
3	524
4	528
5	403
6	0
7	0
8	0
9	0
10	0
11	0
12	132
13	254
14	512
15	524
16	520
17	524
18	524
19	524
20	529
21	525
22	525
23	525
24	524
25	524
26	524
27	529
28	524
29	525
30	524
31	524

DOCKET NO: 50-305
 UNIT NAME: Kewaunee
 DATE: February 7, 1994
 COMP BY: Mary L. Anderson
 TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - JANUARY, 1994

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
1	01-05-94	S	147.1 hrs	A	1	---	XX	Vessel	A scheduled outage occurred during this reporting period to repair the pressurizer manway.

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

OPERATING DATA REPORT

DOCKET NO- 50-305
COMPLETED BY- M. L. ANDERSON
TELEPHONE- 414-388-2560 X2453

OPERATING STATUS

1 UNIT NAME	KEWAUNEE	*****
2 REPORTING PERIOD	JANUARY, 1994	* NOTES
3 LICENSED THERMAL POWER (MWT)	1650	Unit was shut down on Jan 5
4 NAMEPLATE RATING (GROSS MWE)	560	to repair pressurizer manway. 100% Rx
5 DESIGN ELECTRICAL RATING (NET MWE)	535	power was reached on Jan 14 at 0541.
6 MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	537	
7 MAXIMUM DEPENDABLE CAPACITY (NET MWE)	511	*****

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	744	172082
12 NUMBER OF HOURS REACTOR WAS CRITICAL	601.4	601.4	147595.6
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	595.6	595.6	145703.1
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	929429	929429	230869575
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	310900	310900	76472000
18 NET ELECTRICAL ENERGY GENERATED (MWH)	295900	295900	72787852
19 UNIT SERVICE FACTOR	80.1	80.1	84.7
20 UNIT AVAILABILITY FACTOR	80.1	80.1	84.7
21 UNIT CAPACITY FACTOR (USING MDC NET)	77.8	77.8	82.5
22 UNIT CAPACITY FACTOR (USING DER NET)	74.3	74.3	79.1
23 UNIT FORCED OUTAGE RATE	0.0	0.0	2.2

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Unit is expected to shut down Apr 1, 1994 for annual refueling outage.

25 IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP - NA