KEWAUNEE NUCLEAR POWER PLANT

SUMMARY OF OPERATING EXPERIENCE

January 1979

OPERATIONS: On January 9, during the rod movement surveillance procedure, a problem was discovered in the rod control system. Subsequent investigation found a logic card at fault.

On January 10, with Diesel Generator 1B out of service for maintenance, control power was lost to Diesel Generator 1A. A controlled backdown was started and within a short period of time the problem was found to be a blown fuse.

Received Technical Specification amendment number 25 which increased core output to 1650 MW(th) from 1650 MW(th) reactor system output.

On January 28, completed the monthly turbine stop valve test with the number 1 control valve isolated closed.

MAINTENANCE: The camshaft and camshaft bearings on a Diesel Generator were inspected as recommended by the manufacturer, because of a higher than normal lead content in an oil sample. No problems were found.

A blown fuse in the control circuit for a Diesel Generator was replaced. Power was lost to the control circuit because of this blown fuse, causing the Diesel Generator to be inoperable.

Hangers on a charging line were adjusted to reduce line vibration.

The speed controller on a Charging Pump was repaired.

The air supply line to a RCP Seal Water Isolation Control Valve was repaired after line had failed causing valve to fail open.

UNIT Kewaunee #1

DATE February 2, 1979

COMPLETED BY J.J. Wallace

DAILY PLANT POWER OUTPUT

MONTH JANUARY 1979

DAY	AVERAGE NET DAILY MWe
1	518
2	513
3	512
4	513
5	516
6	512
7	516
8	512
9	516
10	513
11	513
12	517
13	513
14	513
15	517
16	513
17	517
18	513
19	517
20	513
21	517
22	513
23	513
24	517
25	517
26	513
27	513
28	390
29	517
30	517
31	517

OPERATING DATA REPORT

DOCKET NO. 50-305
DATE 2-5-79
COMPLETED BY J.J.Wallace
TELEPHONE 414-388-2560

OPERATING STATUS

1. Unit Name: Kewaunee
2. Reporting Period: January, 1979
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): 517
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
Unrestricted unit operation. Only reduction was for Tech. Spec. required stop valve test.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any: 3051 MWeH not produced due to NRC restrictions (T.S. required test). This amounts to a 0.8% decrease in units capacity factor for this month.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.	744.	40,585.
12. Number Of Hours Reactor Was Critical	744.	744.	34,707.
13. Reactor Reserve Shutdown Hours	0	0	2,007.
14. Hours Generator On-Line	744.	744.	33,816.2
15. Unit Reserve Shutdown Hours	0.	0.	10.0
16. Gross Thermal Energy Generated (MWH)	1,212,033.	1,212,033.	51,415,314.
17. Gross Electrical Energy Generated (MWH)	398,300.	398,300.	16,968,600.
18. Net Electrical Energy Generated (MWH)	380,003.	380,003.	16,139,792.
19. Unit Service Factor	100.	100.	83.3
20. Unit Availability Factor	100.	100.	83.3
21. Unit Capacity Factor (Using MDC Net)	98.8	98.8	75.7
22. Unit Capacity Factor (Using DER Net)	95.5	95.5	74.3
23. Unit Forced Outage Rate	0	0	3.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling; May 27, 1979; 6 weeks

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1979

DOCKET NO. 50-305
UNIT NAME Kewaunee
DATE 2-5-79
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
1	790128	S	0	BD	N/A	N/A	HB	VALVEX	1. Reduced load for Tech. Spec. required monthly turbine stop valve test. Day's output was 3051 MWeH below MDC rating, or 0.8% of month's MDC. This should be charged against "Energy not produced this report period due to NRC restrictions."

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

5
Exhibit I - Same Source

(9/77)