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AUTH.NAME AUTHOR AFFILIATION
ANDERSON,M.L. Wisconsin Public Service Corp.
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SUBJECT: Monthly operating rept for Mar 1996 for KNPP,unit 1.W/960415
ltr.

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WISCONSIN PUBLIC SERVICE CORPORATION

NRC-96-32

600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

April 15, 1996

10 CFR 50.36

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Ladies/Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Monthly Operating Report

The narrative "Summary of Operating Experience" and completed forms covering plant and component availability for the Kewaunee Nuclear Power Plant for March 1996 are enclosed in accordance with Technical Specification 6.9.a.3.

Sincerely,

M. L. Marchi
Manager-Nuclear Business Group

MLA

Enc.

cc - US NRC - Region III
NRC Senior Resident Inspector
INPO Records Center

220081

9604180096 960331
PDR ADOCK 05000305
R PDR

**KEWAUNEE NUCLEAR POWER PLANT - DOCKET 50-305
SUMMARY OF OPERATING EXPERIENCE**

March, 1996

While at 98% steady state power operation, a Reactor trip occurred on March 31, 1996 at 0254. The trip occurred during performance of Special Test Procedure TB-54-1, Turbine Reheat Stop Valve Test & Trouble Shooting. While attempting to close Reheat Stop Valve 1B2, by opening the EH drain valve, the Turbine Stop Valves closed causing the Reactor trip.

Full power is anticipated at noon April 1.

The Instrument and Control group's activities for the month were routine with the following highlights:

- **Assisted I&C Engineering with Main Feedwater Valve Train A data acquisition with the plant on line.**
- **Repaired/Recalibrated seven Foxboro H-Line control boxes.**

The Maintenance group's activities for the month were routine with the following highlights:

Mechanical

Mechanical activities included installation of radiation monitoring equipment under Design Change 2172, changing fuel filter on the 1B diesel generator, and resetting high speed mechanical stop on the 1A charging pump.

Electrical

Electrical work included replacement of a molded case circuit breaker for the shield building ventilation hydraulic pack and reinforcing the bracing for the battery racks.

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 MARCH, 1996

DAY AVERAGE DAILY
 POWER LEVEL
 (MWE-NET)

1	520
2	516
3	516
4	513
5	517
6	513
7	517
8	517
9	517
10	516
11	520
12	516
13	515
14	515
15	515
16	516
17	486
18	515
19	515
20	515
21	516
22	515
23	520
24	516
25	515
26	515
27	515
28	515
29	515
30	515
31	51

DOCKET NO: 50-305
UNIT NAME: Kewaunee
DATE: April 15, 1996
COMP BY: Mary L. Anderson
TELEPHONE: 414-388-2560 x2453

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH - MARCH, 1996

NO.	DATE	TYPE	DURATION	REASON	METHOD	LER NO.	SYS	COMPONENT	COMMENTS
1	03-31-96	F	21.1 Hrs	B	3	96-002	HB	ZZZZZZ	<p>While at 98% steady state power operation, a Reactor trip occurred on March 31, 1996 at 0254. The trip occurred during performance of Special Test Procedure TB-54-1, Turbine Reheat Stop Valve Test & Trouble Shooting. While attempting to close Reheat Stop Valve 1B2, by opening the EH drain valve, the Turbine Stop Valves closed causing the Reactor trip.</p> <p>Full power is anticipated at noon April 1.</p>

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

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 MARCH, 1996 * NOTES *
*
3 LICENSED THERMAL POWER (MWT) 1650 * Unit in Hot Standby *
*
4 NAMEPLATE RATING (GROSS MWE) 560 *
*
5 DESIGN ELECTRICAL RATING (NET MWE) 535 *
*
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	2184	191042
12 NUMBER OF HOURS REACTOR WAS CRITICAL	722.9	2162.9	164628.4
13 REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2330.5
14 HOURS GENERATOR ON-LINE	722.9	2162.9	162655.5
15 UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	10.0
16 GROSS THERMAL ENERGY GENERATED (MWH)	1170857	3510423	257923925
17 GROSS ELECTRICAL ENERGY GENERATED (MWH)	390700	1170500	85488500
18 NET ELECTRICAL ENERGY GENERATED (MWH)	371962	1115703	81362619
19 UNIT SERVICE FACTOR	97.2	99.0	85.1
20 UNIT AVAILABILITY FACTOR	97.2	99.0	85.1
21 UNIT CAPACITY FACTOR (USING MDC NET)	97.8	100.0	83.1
22 UNIT CAPACITY FACTOR (USING DER NET)	93.4	95.5	79.6
23 UNIT FORCED OUTAGE RATE	2.8	1.0	2.0

24 SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)
Refueling, 9-21-96, 40 Days

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