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Wisconsin Public Service Corp Green Bay, WI EWJames	9-6-74	9-10-74	X			

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CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:
	XXX			1	50-305

DESCRIPTION:

Ltr trans the following.....

ENCLOSURES:

ACKNOWLEDGED

August Monthly Rpt:
Plant & Component Operability & Availability..
This report to be used by Plans & Operations in preparing Gray Book.....

DO NOT REMOVE

(1 cy encl rec'd)

PLANT NAME: KEWAUNEE

FOR ACTION/INFORMATION 9-10-74 GMC

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AEC PDR		GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	
GIAMBUSSO	PAWLICKI	SPANGLER	KREUTZER (E)	PLANS
BOYD	SHAO		LEE (L)	✓MCDONALD
MOORE (L)(BWR)	STELLO	ENVIRO	MAIGRET (L)	✓CHAPMAN
DEYOUNG(L)(PWR)	HOUSTON	MULLER	REED (E)	DUBE w/input
SKOVHOLT (L)	NOVAK	DICKER	SERVICE (L)	E. COUPE
GOLLER(L)	ROSS	KNIGHTON	SHEPPARD (L)	
P. COLLINS	IPPOLITO	YOUNGBLOOD	SLATER (E)	D. THOMPSON (2)
DENISE	TEDESCO	REGAN	SMITH (L)	KLECKER
REG OPR	LONG	PROJECT LDR	TEETS (L)	EISENHUT
FILE & REGION (2)	LAINAS		WILLIAMS (E)	
MORRIS	BENAROYA	HARLESS	WILSON (L)	
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1-AGMED (RUTH GUSSMAN) Rm B-127 GT
1-RD..MUELLER, Rm F-[illegible] GT

WISCONSIN PUBLIC SERVICE CORPORATION

Public Service

P.O. Box 1200, Green Bay, Wisconsin 54305

September 6, 1974

Office of Plans and Schedules
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

50-305

Gentlemen:

The completed forms covering plant and component availability for our Kewaunee Nuclear Power Plant - Unit No. 1 (August 1974) are enclosed.

Very truly yours,

E. W. James
Senior Vice President
Power Generation & Engineering

EWJ:sna
Enc.
cc - Mr. James G. Keppler
Chicago Regional Office

9322

ENCLOSURE A

UNIT KEWAUNEE #1

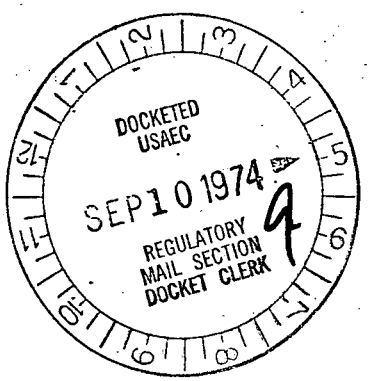
DATE 9-4-74

COMPLETED BY AJ Ruege

DAILY PLANT POWER OUTPUT

MONTH August 1974

DAY	AVERAGE DAILY MWe-net	DAY	AVERAGE DAILY MWe-net
1	531	25	516
2	532	26	532
3	537	27	220
4	516	28	376
5	511	29	528
6	536	30	536
7	532	31	532
8	537		
9	528		
10	519		
11	520		
12	524		
13	528		
14	537		
15	537		
16	532		
17	537		
18	483		
19	532		
20	462		
21	537		
22	532		
23	532		
24	529		



REGULATORY DOCKET FILE COPY

SUMMARY:

Unit operation for the month was satisfactory except for the trip caused by the air line break and the subsequent trip caused by a sensitive secondary side control system.

UNIT NAME KEWAUNEE #1

DATE 9-4-74

COMPLETED BY AJ Ruege

REPORT MONTH August 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
29	740827	F	11.75	A	C	29. Air line broke (non nuclear component) causing main steam isolation valve to dip, resulting in Plant trip.
30	740827	F	5	G	C	30. While bringing Plant up operator got a steam Flow Feed Flow mismatch resulting in a reactor trip.

(1) REASON:
- A-EQUIPMENT FAILURE (EXPLAIN)
- B-MAINT. OR TEST
- C-REFUELING
- D-REGULATORY RESTRICTION
- E-OPERATOR TRAINING AND LICENSE EXAMINATION
- F-ADMINISTRATIVE
- G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:
- A- MANUAL
- B- MANUAL SCRAM
- C- AUTOMATIC SCRAM

UNIT NAME KEWAUNEE #1

DATE 9-4-74

COMPLETED BY AJ Ruege

O P E R A T I N G S T A T U S

1. REPORTING PERIOD: 0001, 740801 TO 2400, 740831

   GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 1650 MWe-NET 540

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): 100%

4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	729.2	3352.26	3352.26
6. HOURS GENERATOR ON-LINE	727.25	2612.00	2612.00
7. GROSS THERMAL POWER GENERATED (MWH)	1172100	3535713	3535713
8. GROSS ELECTRICAL POWER GENERATED (MWH)	399400	1189471	1189471
9. NET ELECTRICAL POWER GENERATED (MWH)	380594	1104780	1104780
10. REACTOR AVAILABILITY FACTOR (1)	98.01	75.91	75.91
11. PLANT AVAILABILITY FACTOR (2)	97.74	59.14	59.14
12. PLANT CAPACITY FACTOR (3)	94.73	46.32	46.32
13. FORCED OUTAGE RATE (4)	2.25	14.77	14.77

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): One shutdown planned for Steam Generator baseline inspection.. The exact date and duration to be determined later.

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY			
INITIAL ELECTRICAL POWER GENERATION			
COMMERCIAL OPERATION			

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REORTING PERIOD}} * 100$

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} * \text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}} * 100$