



Illinois Power Company  
Clinton Power Station  
P.O. Box 678  
Clinton, IL 61727  
Tel 217 935-8881

U-602682  
8E.100c

January 7, 1997  
10CFR50.36

Docket No. 50-461

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

Subject: Clinton Power Station, Unit 1  
Facility Operating License NPF-62  
December 1996 Monthly Operating Report

Dear Madam or Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending December 31, 1996.

Sincerely yours,

Paul J. Telthorst  
Director - Licensing

150034

WED/pay

Attachments

cc: NRC Region III Regional Administrator  
NRC Resident Office, V-690  
Illinois Department of Nuclear Safety

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CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month December 1996

NONE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 12/31/96  
COMPLETED BY W. E. DeMark  
TELEPHONE (217)935-8881 X3537

MONTH December 1996

1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

# OPERATING DATA REPORT

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 12/31/96  
COMPLETED BY W. E. DeMark  
TELEPHONE (217) 935-8881 X3537

## OPERATING STATUS

1. REPORTING PERIOD: December 1996 GROSS HOURS IN REPORT PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2894  
MAX. DEPEND. CAPACITY (MDC) (MWe-Net): 930  
DESIGN ELECTRICAL RATING (MWe-Net): 933
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>0.0</u>	<u>5,858.3</u>	<u>58,883.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>0.0</u>	<u>5,833.8</u>	<u>57,401.9</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>4.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH).....	<u>0</u>	<u>16,690,339</u>	<u>154,700,590</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH).....	<u>0</u>	<u>5,559,814</u>	<u>51,120,966</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH).....	<u>0</u>	<u>5,311,780</u>	<u>48,697,141</u>
12. REACTOR SERVICE FACTOR.....	<u>0.0%</u>	<u>66.7%</u>	<u>73.8%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>66.7%</u>	<u>73.8%</u>
14. UNIT SERVICE FACTOR.....	<u>0.0%</u>	<u>66.4%</u>	<u>71.9%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>66.4%</u>	<u>71.9%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>0.0%</u>	<u>65.0%</u>	<u>65.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe.....	<u>0.0%</u>	<u>64.8%</u>	<u>65.4%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>15.0%</u>	<u>9.1%</u>

19. SHUTDOWNS SCHEDULE DOWER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):

None

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

The unit will remain shutdown until the completion of Refueling Outage 6 (RF-6); expected restart dated is January 30, 1997.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 12/31/96  
COMPLETED BY W. E. DeMark

REPORT MONTH December 1996

NO.	DATE	TYPE	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED S: SCHEDULED				
RF-6	10/13/96	S	744.0	C. Refueling Outage		The unit remains in refueling outage.

(1) 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)

(2) Method

1 - Manual, 2 - Manual Scram, 3 - Automatic Scram, 4 - Other (explain)