



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

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January 11, 1996

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 1995 Monthly Operating Report

Dear Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending December 31, 1995.

Sincerely yours,

Richard F. Phares
Manager - Nuclear Assessment

MCH/krm

Attachment

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 1995

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461

UNIT Clinton 1

DATE 12/31/95

COMPLETED BY W. E. DeMark

TELEPHONE (217) 935-8881 X3537

MONTH December 1995

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>923</u>
2	<u>920</u>
3	<u>920</u>
4	<u>918</u>
5	<u>818</u>
6	<u>917</u>
7	<u>917</u>
8	<u>915</u>
9	<u>692</u>
10	<u>27</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>209</u>
18	<u>770</u>
19	<u>923</u>
20	<u>923</u>
21	<u>922</u>
22	<u>922</u>
23	<u>921</u>
24	<u>913</u>
25	<u>913</u>
26	<u>922</u>
27	<u>921</u>
28	<u>921</u>
29	<u>921</u>
30	<u>921</u>
31	<u>920</u>

OPERATING DATA REPORT

DOCKET NO. 50-461
UNIT Clinton 1
DATE 12/31/95
COMPLETED BY W. E. DeMark
TELEPHONE (217) 935-8881 X3537

OPERATING STATUS

1. REPORTING PERIOD: December 1995 GROSS HOURS IN REPORTING 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>583.8</u>	<u>7,273.6</u>	<u>53,025.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>573.6</u>	<u>7,143.7</u>	<u>51,568.1</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>1,598,552</u>	<u>19,544,053</u>	<u>138,010,251</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>525,872</u>	<u>6,404,201</u>	<u>45,561,152</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>500,645</u>	<u>6,109,183</u>	<u>43,338,361</u>
12. REACTOR SERVICE FACTOR.....	<u>78.5%</u>	<u>83.0%</u>	<u>74.7%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>78.5%</u>	<u>83.0%</u>	<u>74.7%</u>
14. UNIT SERVICE FACTOR.....	<u>72.3%</u>	<u>81.5%</u>	<u>72.6%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>72.3%</u>	<u>81.5%</u>	<u>72.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>72.4%</u>	<u>75.0%</u>	<u>65.7%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>72.1%</u>	<u>74.7%</u>	<u>65.5%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>1.0%</u>	<u>3.0%</u>	<u>8.4%</u>

19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):

None

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461
UNIT Clinton 1
DATE 12/31/95
COMPLETED BY W. E. DeMark
TELEPHONE (217) 935-8881 X3537

REPORT MONTH December 1995

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
95-08	12/10/95	S	170.4	B: Plant shutdown for a planned outage to replace a degrading Reactor Recirculation Pump Seal assembly.	1: Reactor manually shutdown in accordance with plant operating procedures.	Recirculation Pump seal replaced and completed other work in outage scope. Resynchronized to grid at 0620 on 12/17/95. The last 4 hours of the outage were considered forced outage hours due to Rod Control and Instrumentation problems during the startup.

- (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)