



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

U-602413  
L30-95(02-09)-LP  
8E.100c

February 9, 1995  
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  
January 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 January 31, 1995.

Sincerely yours,

R. F. Phares  
Director - Licensing

MCH/krm

Attachment

cc: NRC Region III Regional Administrator  
NRC Resident Office  
Illinois Department of Nuclear Safety

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CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month January 1995

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 01/31/95  
COMPLETED BY M. C. Hollon  
TELEPHONE (217) 935-8881 X3537

MONTH January 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>878</u>
2	<u>916</u>
3	<u>914</u>
4	<u>913</u>
5	<u>833</u>
6	<u>0</u>
7	<u>104</u>
8	<u>259</u>
9	<u>781</u>
10	<u>912</u>
11	<u>923</u>
12	<u>924</u>
13	<u>921</u>
14	<u>919</u>
15	<u>914</u>
16	<u>910</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>907</u>
18	<u>904</u>
19	<u>901</u>
20	<u>897</u>
21	<u>894</u>
22	<u>891</u>
23	<u>888</u>
24	<u>887</u>
25	<u>882</u>
26	<u>884</u>
27	<u>883</u>
28	<u>880</u>
29	<u>850</u>
30	<u>874</u>
31	<u>871</u>

# OPERATING DATA REPORT

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 01/31/95  
COMPLETED BY M. C. Hollon  
TELEPHONE (217) 935-8881 X3537

## OPERATING STATUS

1. REPORTING PERIOD: January 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>715.5</u>	<u>715.5</u>	<u>46,467.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.. . . . .	<u>707.5</u>	<u>707.5</u>	<u>45,135.9</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>1,930,960</u>	<u>1,930,960</u>	<u>120,397,158</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>634,445</u>	<u>634,445</u>	<u>39,791,396</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>606,581</u>	<u>606,581</u>	<u>37,882,759</u>
12. REACTOR SERVICE FACTOR.....	<u>96.2%</u>	<u>96.2%</u>	<u>73.7%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>96.2%</u>	<u>96.2%</u>	<u>73.7%</u>
14. UNIT SERVICE FACTOR.....	<u>95.1%</u>	<u>95.1%</u>	<u>71.6%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>95.1%</u>	<u>95.1%</u>	<u>71.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>87.7%</u>	<u>87.7%</u>	<u>64.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>87.4%</u>	<u>87.4%</u>	<u>64.4%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>4.9%</u>	<u>4.9%</u>	<u>9.2%</u>

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

The fifth refueling outage is currently scheduled to begin on March 12, 1995 and last approximately fifty days.

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 01/31/95  
COMPLETED BY M. C. Hollen  
TELEPHONE (217) 935-8881 X3537

REPORT MONTH January 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
95-01	950105	F	36.5	A. After isolating extraction 2 steam to the B low pressure (LP) feedwater heater string in preparation for removing the string from service to repair tube leaks in the 5B LP heater and while opening the heater string condensate bypass valve, the 6A high pressure heater automatically isolated from extraction steam due to high water levels in the heater and the reheater drain tank. Feedwater temperature decreased 50 degrees and reactor power increased from 70 to 79 percent of rated thermal power. Shift Supervisor ordered initiation of a manual scram due to the loss of heater level control and decreased feedwater temperature.		1. Revised system operating procedure to provide additional guidance for removing a heater string from service and restoring it. Revision includes a provision for installing a temporary modification that will reduce the amount of feedwater flow bypassing the operating train and thus will minimize the total temperature reduction of the feedwater. 2. Plugged failed and adjacent tubes in the 5B LP heater and restored to service. (Reference LER 95-001-00)

(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)