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L30-93 (01-13)LP  
8E.100c  
Illinois Power Company  
Clinton Power Station  
P.O. Box 678  
Clinton, IL 61727  
Tel 217 935-8881

January 13, 1993  
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 1992 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, 1992.

Sincerely yours,

F. A. Spangenberg, III  
Manager - Licensing and Safety

CLJ/mfm

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 December 1992

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461

UNIT Clinton 1

DATE 12/31/92

COMPLETED BY F. A. Spangenberg, III

TELEPHONE (217) 935-8881 X3400

MONTH December 1992

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>910</u>
2	<u>920</u>
3	<u>922</u>
4	<u>922</u>
5	<u>702</u>
6	<u>683</u>
7	<u>682</u>
8	<u>687</u>
9	<u>719</u>
10	<u>922</u>
11	<u>914</u>
12	<u>923</u>
13	<u>918</u>
14	<u>923</u>
15	<u>923</u>
16	<u>924</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>916</u>
18	<u>919</u>
19	<u>924</u>
20	<u>921</u>
21	<u>922</u>
22	<u>922</u>
23	<u>922</u>
24	<u>922</u>
25	<u>910</u>
26	<u>913</u>
27	<u>923</u>
28	<u>922</u>
29	<u>919</u>
30	<u>923</u>
31	<u>920</u>

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 12/31/92

COMPLETED BY F. A. Spangenberg, III

TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: December 1992 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>744.0</u>	<u>6,025.3</u>	<u>30,473.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>744.0</u>	<u>5,826.7</u>	<u>29,455.8</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)...	<u>2,065,576</u>	<u>15,685,160</u>	<u>76,443,893</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>685,504</u>	<u>5,179,940</u>	<u>25,257,030</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>657,428</u>	<u>4,935,262</u>	<u>23,986,660</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>68.6%</u>	<u>68.1%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>68.6%</u>	<u>68.1%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>66.3%</u>	<u>65.8%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>66.3%</u>	<u>65.8%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>95.0%</u>	<u>60.4%</u>	<u>57.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>94.7%</u>	<u>60.2%</u>	<u>57.5%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0%</u>	<u>6.7%</u>	<u>12.6%</u>

19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):  
No shutdowns are currently scheduled over the next six months.
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 12/31/92  
COMPLETED BY F. A. Spangenberg, III  
TELEPHONE (217) 935-8881 X3400

REPORT MONTH December 1992

NO.	DATE	TYPE S: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS /COMMENTS
92-09	921205	S: Scheduled	0.0	B: Reactor power was reduced to 75% for preplanned maintenance on the 'A' Turbine Driven Reactor Feed Pump (TDRFP)	4: Reactor power was reduced by reducing reactor recirculation flow and inserting control rods.	Reactor power was reduced to 75% for preplanned reactor feed pump maintenance.

- (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)