

# ILLINOIS POWER

CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727-0678, TELEPHONE (217) 935-8881

U-601886  
L30-91(10-15)-LP  
8E.100c

October 15, 1991

10CFR50.36

Docket No. 50-461

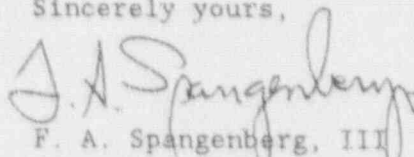
U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Subject: Clinton Power Station, Unit 1  
September 1991 Monthly Operating Report NPF-62

Dear Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending September 30, 1991.

Sincerely yours,



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

DAS/alh

Attachment

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

9110220125 910930  
PDR ADOCK 05000461  
R PDR

JE24

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month September 1991

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 09/30/91  
COMPLETED BY F. A. Spangenberg, III  
TELEPHONE (217) 935-8881 X3400

MONTH September 1991

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>891</u>
2	<u>907</u>
3	<u>906</u>
4	<u>908</u>
5	<u>908</u>
6	<u>909</u>
7	<u>908</u>
8	<u>883</u>
9	<u>905</u>
10	<u>906</u>
11	<u>907</u>
12	<u>906</u>
13	<u>892</u>
14	<u>847</u>
15	<u>904</u>
16	<u>906</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>908</u>
18	<u>911</u>
19	<u>913</u>
20	<u>908</u>
21	<u>916</u>
22	<u>904</u>
23	<u>914</u>
24	<u>657</u>
25	<u>711</u>
26	<u>895</u>
27	<u>918</u>
28	<u>921</u>
29	<u>914</u>
30	<u>919</u>
31	<u>N/A</u>

OPERATING DATA REPORT

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 09/30/91  
COMPLETED BY F. A. Spangenberg, III  
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: September 1991 GROSS HOURS IN REPORTING PERIOD: 720
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>720.0</u>	<u>5,050.0</u>	<u>22,418.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>720.0</u>	<u>4,929.8</u>	<u>21,630.0</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>2,035,964</u>	<u>13,789,157</u>	<u>55,386,066</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	<u>670,881</u>	<u>4,551,350</u>	<u>18,297,434</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>640,783</u>	<u>4,347,789</u>	<u>17,351,160</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>77.1%</u>	<u>66.4%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>77.1%</u>	<u>66.4%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0</u>	<u>75.3%</u>	<u>64.1%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0</u>	<u>75.3%</u>	<u>64.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>95.7%</u>	<u>71.4%</u>	<u>55.3%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>95.4%</u>	<u>71.1%</u>	<u>55.1%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>4.1%</u>	<u>14.4%</u>

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

The third refueling outage is currently scheduled to begin March 1, 1992 and last approximately 70 days.

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 09/30/91  
COMPLETED BY F. A. Spangenberg, III  
TELEPHONE (217) 935-8881 X3400

REPORT MONTH September 1991

NO.	DATE	TYPE	DURATION (HOURS)	REASON(1)	METHOD OF	
					SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS / COMMENTS
91-02	910924	F	0.0	G: A Control and Instrumentation technician removed the wrong circuit card during corrective maintenance, causing the "B" Reactor Recirculation pump to trip off.	Reactor power was further reduced by control rod insertion.	The Reactor Recirculation pump was returned to service and reactor power was increased to 100%.

(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)