

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

**ILLINOIS
POWER**

July 13, 1992
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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
June 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 June 30, 1992.

Sincerely yours,

F. A. Spangenberg, III
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

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PDR ADOCK 03000461
R PDR

JEH

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month June 1992

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461
UNIT Clinton 1
DATE 06/30/92
COMPLETED BY F. A. Spangenberg, III
TELEPHONE (217) 935-8881 X3400

MONTH June 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>57</u>
2	<u>88</u>
3	<u>123</u>
4	<u>137</u>
5	<u>295</u>
6	<u>335</u>
7	<u>428</u>
8	<u>842</u>
9	<u>923</u>
10	<u>923</u>
11	<u>924</u>
12	<u>925</u>
13	<u>862</u>
14	<u>652</u>
15	<u>691</u>
16	<u>647</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>624</u>
18	<u>689</u>
19	<u>693</u>
20	<u>669</u>
21	<u>606</u>
22	<u>388</u>
23	<u>10</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>N/A</u>

OPERATING DATA REPORT

DOCKET NO. 50-461
UNIT Clinton 1
DATE 06/30/92
COMPLETED BY F. A. Spangenberg, III
TELEPHONE (217) 935-8881 400

OPERATING STATUS

REPORTING PERIOD: June 1992 GROSS HOURS IN REPORTING PERIOD: 720
DAILY AUTHORIZED POWER LEVEL (Mwt): 2894
DEPEND. CAPACITY (MDC) (MWe-Net): 930
DESIGN ELECTRICAL RATING (MWe-Net): 933
POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL...	<u>540.1</u>	<u>1,175.4</u>	<u>26,223.7</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>526.7</u>	<u>1,621.3</u>	<u>25,250.4</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>972,545</u>	<u>3,925,398</u>	<u>64,584,131</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>319,707</u>	<u>1,297,026</u>	<u>21,374,116</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>297,014</u>	<u>1,225,146</u>	<u>20,276,544</u>
12. REACTOR SERVICE FACTOR.....	<u>75.0%</u>	<u>40.7%</u>	<u>65.0%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>75.0%</u>	<u>40.7%</u>	<u>65.0%</u>
14. UNIT SERVICE FACTOR.....	<u>73.2%</u>	<u>37.1%</u>	<u>62.6%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>73.2%</u>	<u>37.1%</u>	<u>62.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>44.4%</u>	<u>30.2%</u>	<u>54.1%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>44.2%</u>	<u>30.1%</u>	<u>53.9%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>17.7%</u>	<u>14.2%</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:

Following replacement of the 'B' reactor recirculation pump seal, and repair of the 'B' reactor feedwater turbine and main steam isolation valve 1B21-F022D, the nuclear unit was returned to service on July 6, 1992.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461
UNIT Clinton 1
DATE 06/30/92
COMPLETED BY F. A. Spangenberg, III
TELEPHONE (217) 935-8881 X3400

REPORT MONTH June 1992

NO.	DATE	TYPE		DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)		CORRECTIVE ACTIONS /COMMENTS
		F: FORCED	S: SCHEDULED					
92-03	920601		S	5.7	B: The main turbine was manually tripped in order to complete scheduled post-refueling outage turbine testing.	1: The turbine/generator was manually tripped per plant surveillance testing procedures.		Following completion of the main turbine surveillance testing, the main generator was returned to service.
92-04	920613	F		0.0	A: During control rod testing, the 'B' turbine-driven reactor feedwater pump locked up at 4800 rpm, resulting in a reactor water level transient.	4: The 'B' reactor feedwater pump was manually removed from service, limiting reactor power to approximately 75%.		Reactor power was limited to approximately 75% until repair of the 'B' reactor feedwater turbine was complete.

UNIT SHUTDOWNS AND POWER REDUCTIONS
(continued)

NO.	DATE	TYPE		DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)		CORRECTIVE ACTIONS /COMMENTS
		F: FORCED	S: SCHEDULED					
92-05	920622	F		0.0	A: The 'C' Reactor Recirculation pump was manually removed from service in response to a high pump seal temperature alarm.	4: The 'B' Reactor Recirculation pump was manually removed from service, limiting reactor power.		Reactor operation continued at reduced power levels in single recirculation loop operation.
92-06	920623	S		187.6	B: The plant was removed from service to effect repairs of the 'B' turbine driven reactor feedwater pump and investigation of the 'B' Reactor Recirculation pump seal temperature alarm.	1: The reactor was manually shut down in accordance with plant operating procedures.		Following reactor shut-down, an unplanned engineered safety feature (ESF) actuation occurred (see LER 92-003). Following reset of the ESF actuation, main steam isolation valve 1B21-FG22D failed to reopen.

(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)