



U-602077
L30-92(12-15)LP
8E.100c
Illinois Power Company
Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Tel 217 935-8881

December 15, 1992
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
November 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 November 30, 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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R PDR

JEH

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month November 1992

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461

UNIT Clinton 1

DATE 11/30/92

COMPLETED BY F. A. Spangenberg, III

TELEPHONE (217) 935-8881 X3400

MONTH November 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>919</u>
2	<u>919</u>
3	<u>918</u>
4	<u>918</u>
5	<u>920</u>
6	<u>921</u>
7	<u>921</u>
8	<u>915</u>
9	<u>921</u>
10	<u>922</u>
11	<u>922</u>
12	<u>922</u>
13	<u>922</u>
14	<u>923</u>
15	<u>916</u>
16	<u>924</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>922</u>
18	<u>922</u>
19	<u>921</u>
20	<u>926</u>
21	<u>711</u>
22	<u>63</u>
23	<u>0</u>
24	<u>0</u>
25	<u>105</u>
26	<u>441</u>
27	<u>560</u>
28	<u>593</u>
29	<u>632</u>
30	<u>705</u>
31	<u>NA</u>

OPERATING DATA REPORT

DOCKET NO. 50-461
UNIT Clinton 1
DATE 11/30/92
COMPLETED BY F. A. Spangenberg, III
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: November 1992 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>675.2</u>	<u>5,281.3</u>	<u>29,729.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>652.3</u>	<u>5,382.7</u>	<u>28,711.8</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>1,689,670</u>	<u>13,619,584</u>	<u>74,378,317</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>557,877</u>	<u>4,494,436</u>	<u>24,571,526</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>512,388</u>	<u>4,277,834</u>	<u>23,329,232</u>
12. REACTOR SERVICE FACTOR.....	<u>93.8%</u>	<u>65.7%</u>	<u>67.6%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>93.8%</u>	<u>65.7%</u>	<u>67.6%</u>
14. UNIT SERVICE FACTOR.....	<u>90.6%</u>	<u>63.2%</u>	<u>65.3%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>90.6%</u>	<u>63.2%</u>	<u>65.3%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>79.5%</u>	<u>57.2%</u>	<u>57.0%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>75.3%</u>	<u>57.0%</u>	<u>56.8%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>9.4%</u>	<u>7.6%</u>	<u>12.9%</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 11/30/92
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TELEPHONE (217) 935-8881 X3400

REPORT MONTH November 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					
92-07	921121	S:	Scheduled	0.0	B: Reactor power was reduced to 75% for preplanned reactor feed pump testing and monthly surveillances.	4:	Reactor power was reduced by reducing reactor recirculation flow.	Reactor power was reduced to 75% for preplanned reactor feed pump testing and monthly surveillances.
92-08	921122	F:	Forced	67.7	A: The minimum flow valve for the turbine driven reactor feed pump 'B' lost supply of instrument air and caused valve to fail open. Consequently, reactor water level decreased to the low level alarm trip setpoint. This initiated a reactor recirculation flow control valve fast closure which reduced recirculation flow and resulted in entry into the restricted operating region of the power-vs-flow map.	2:	As required by plant procedures, the reactor was manually scrambled upon entry into the restricted operating region of the power-vs-flow map.	The 'B' Feedwater minimum-flow FCV was repaired and the plant was returned to power operation. (LER 92-010)

(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)