



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

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June 7, 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
May 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 May 31, 1995.

Sincerely yours,

Richard F. Phares
Director - Licensing

MCH/krm

Attachment

cc: NRC Region III Regional Administrator
NRC Resident Office, V-690
Illinois Department of Nuclear Safety

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CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month May 1995

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461

UNIT Clinton 1

DATE 05/31/95

COMPLETED BY M. C. Hollon

TELEPHONE (217) 935-8881 X3537

MONTH May 1995

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>184</u>
2	<u>279</u>
3	<u>286</u>
4	<u>293</u>
5	<u>536</u>
6	<u>741</u>
7	<u>823</u>
8	<u>836</u>
9	<u>834</u>
10	<u>617</u>
11	<u>12</u>
12	<u>0</u>
13	<u>193</u>
14	<u>738</u>
15	<u>599</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>160</u>
21	<u>778</u>
22	<u>922</u>
23	<u>924</u>
24	<u>924</u>
25	<u>926</u>
26	<u>927</u>
27	<u>927</u>
28	<u>845</u>
29	<u>927</u>
30	<u>925</u>
31	<u>925</u>

OPERATING DATA REPORT

DOCKET NO. 50-461
UNIT Clinton 1
DATE 05/31/95
COMPLETED BY M. C. Hollon
TELEPHONE (217) 935-8881 X3537

OPERATING STATUS

1. REPORTING PERIOD: May 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>603.6</u>	<u>2,342.9</u>	<u>48,094.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>579.9</u>	<u>2,243.6</u>	<u>46,668.0</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>1,334.655</u>	<u>5,517.024</u>	<u>123,983.222</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>429.312</u>	<u>1,799.229</u>	<u>40,956.180</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>405.888</u>	<u>1,705.998</u>	<u>38,982.176</u>
12. REACTOR SERVICE FACTOR.....	<u>81.1%</u>	<u>64.7%</u>	<u>73.0%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>81.1%</u>	<u>64.7%</u>	<u>73.0%</u>
14. UNIT SERVICE FACTOR.....	<u>77.9%</u>	<u>61.9%</u>	<u>70.8%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>77.9%</u>	<u>61.9%</u>	<u>70.8%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>58.7%</u>	<u>50.6%</u>	<u>63.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>58.5%</u>	<u>50.5%</u>	<u>63.4%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>16.1%</u>	<u>6.5%</u>	<u>9.1%</u>

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

None

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 05/31/95
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TELEPHONE (217) 935-8881 X3537

REPORT MONTH May 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
95-05	950511	S	52.9	A: Plant Shutdown for a maintenance outage (MO-7) to repair problem with the "B" Traversing In-Core Probe (TIP) Indexer, which was limiting power to approximately 90%.	1: Reactor manually shutdown in accordance with plant operating procedures.	Repaired indexer and completed other work in outage scope. Resynchronized to grid at 0744 on 5/13/95.
95-06	950515	F	111.2	A: Manual scram initiated following an automatic downshift of the Reactor Recirculation Pumps which resulted in operations entering the restricted region of the power to flow map.	2: Manual Scram	Problem determined to be a shorted bus in the card cage for the "B" Flow Control Valve. Replaced card cage, card and regulator and commenced Reactor Startup on 5/16/95. During startup, a rod mispositioning event occurred which prompted management to extend the outage for additional corrective actions, i.e., training, procedure revisions, etc., prior to restart. Generator synchronized to grid at 0747 on 5/20/95.

- (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)