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

ILLINOIS POWER

U-602610
L30-96(07-12)-LP
8E.100c

July 12, 1996

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
June 1996 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, 1996.

Sincerely yours,

Michael W. Lyon
Director - Licensing

WED/krk

Attachments

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

180021

JE24/1

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month June 1996

NONE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461
UNIT Clinton 1
DATE 06/30/96
COMPLETED BY W. E. DeMark
TELEPHONE (217) 935-8881 X3537

MONTH June 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	932	17	910
2	931	18	921
3	932	19	922
4	933	20	922
5	933	21	921
6	931	22	921
7	929	23	918
8	930	24	918
9	802	25	920
10	929	26	920
11	930	27	918
12	930	28	919
13	671	29	916
14	0	30	915
15	76	31	N/A
16	670		

OPERATING DATA REPORT

DOCKET NO. 50-461
UNIT Clinton 1
DATE 06/30/96
COMPLETED BY W. E. DeMark
TELEPHONE (217) 935-8881 X3537

OPERATING STATUS

1. REPORTING PERIOD: June 1996 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...	690.0	4,238.3	59,058.4
6. REACTOR RESERVE SHUTDOWN HOURS.....	0.0	0.0	0.0
7. HOURS GENERATOR ON LINE.....	676.1	4,217.7	55,782.8
8. UNIT RESERVE SHUTDOWN HOURS.....	0.0	0.0	4.0
9. GROSS THERMAL ENERGY GENERATED (MHZ)...	1,909,909	12,077,078	150,087,329
10. GROSS ELECTRICAL ENERGY GENERATED (MHZ)	634,527	4,029,634	49,590,786
11. NET ELECTRICAL ENERGY GENERATED (MHZ)..	607,676	3,861,020	47,247,579
12. REACTOR SERVICE FACTOR.....	95.8%	97.1%	78.3%
13. REACTOR AVAILABILITY FACTOR.....	95.8%	97.1%	78.3%
14. UNIT SERVICE FACTOR.....	94.0%	96.6%	74.3%
15. UNIT AVAILABILITY FACTOR.....	94.0%	96.6%	74.3%
16. UNIT CAPACITY FACTOR (Using MDC).....	90.6%	95.1%	67.4%
17. UNIT CAPACITY FACTOR (Using Design MWe)	90.3%	94.8%	66.9%
18. UNIT FORCED OUTAGE RATE.....	6.1%	3.5%	8.1%

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

    Refueling Outage 6 (RF-6), October 1996, expected duration 42 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 06/30/96
COMPLETED BY W. E. DeMark
TELEPHONE (217) 935-8881 X3537

REPORT MONTH June 1996

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
FO-96-02	06/13/96	F	43.9	On June 13, 1996 at 1720, the Reactor Recirculation (RR) pumps downshifted to slow speed placing the plant in the Restricted Zone of the Power to Flow map. Operators manually scrammed the plant as required by station procedures.	2	The cause of the RR pump downshift was attributed to a loose wire on a trip unit providing a false level 3 signal (low reactor vessel water level) to the RR pump control circuitry. The loose wire separated when Control and Instrumentation (C&I) technicians attempted to measure the voltage during preventive maintenance. The plant was restarted on 6/14/96 and returned to full power operation.

(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)