ILLINOIS POWER

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

U-602354
L30-94(10-13)-LP
8E.100c

October 13, 1994

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
           September 1994 Monthly Operating Report

Dear Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending September 30, 1994.

Sincerely yours,

C. B. Elwood for

R. F. Phares
Director - Licensing

MCH/krm

Attachment

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

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month ___September 1994___

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461

UNIT Clinton 1

DATE 09/30/94

COMPLETED BY M. C. Hollon

TELEPHONE (217) 935-8881 X3537

MONTH September 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	919	17	558
2	917	18	919
3	919	19	918
4	917	20	917
5	920	21	916
6	919	22	917
7	920	23	919
8	919	24	919
9	919	25	917
10	919	26	919
11	874	27	920
12	916	28	920
13	918	29	919
14	915	30	918
15	915	31	N/A
16	913		

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 09/30/94

COMPLETED BY M. C. Hollon

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OPERATING STATUS

1. REPORTING PERIOD: September 1994 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...	720.0	6,257.7	43,701.3
6. REACTOR RESERVE SHUTDOWN HOURS.........	0.0	0.0	0.0
7. HOURS GENERATOR ON LINE................	720.0	6,196.5	42,402.6
8. UNIT RESERVE SHUTDOWN HOURS............	0.0	0.0	4.0
9. GROSS THERMAL ENERGY GENERATED (MWH)...	2,067,433	17,748,201	112,805,536
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	681,270	5,870,561	37,289,425
11. NET ELECTRICAL ENERGY GENERATED (MWH)..	651,199	5,622,656	35,488,499
12. REACTOR SERVICE FACTOR.................	100.0%	95.5%	72.8%
13. REACTOR AVAILABILITY FACTOR............	100.0%	95.5%	72.8%
14. UNIT SERVICE FACTOR....................	100.0%	94.6%	70.6%
15. UNIT AVAILABILITY FACTOR...............	100.0%	94.6%	70.6%
16. UNIT CAPACITY FACTOR (Using MDC).......	97.3%	92.3%	63.5%
17. UNIT CAPACITY FACTOR (Using Design MWe)	96.9%	92.0%	63.3%
18. UNIT FORCED OUTAGE RATE................	0.0%	0.3%	9.6%

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

A maintenance outage (MO-6) is scheduled to begin on October 16, 1994 and last approximately six days. The fifth refueling outage is currently scheduled to begin on March 12, 1995 and last approximately fifty days.

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 09/30/94
COMPLETED BY M. G. Hollon
TELEPHONE (217) 935-8881 X3537

REPORT MONTH September 1994

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
94-06	940917	S: Scheduled	0.0	B: Planned reduction in power to approximately 40% to investigate and repair an air leak into the condenser.	4: Other; Normal reduction in power to perform maintenance.	Suspected leak was identified and satisfactorily repaired. Plant was restored to full power within 24 hours.

(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)