



A PECO Energy/British Energy Company

**Clinton Power Station**

P.O. Box 678  
Clinton, IL 61727  
Phone: 217 935-8881

U-603426  
8E.100c  
October 16, 2000

Docket No. 50-461

10CFR50.36

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Subject: Clinton Power Station, Unit 1  
Facility Operating License NPF-62  
September 2000 Monthly Operating Report

Dear Madam or Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending September 30, 2000.

Sincerely yours,

Michael A. Reandeau  
Director-Licensing

MJS/blf

Attachments

cc: NRC Region III Regional Administrator  
Illinois Department of Nuclear Safety  
NRC Resident Office, V-690  
Resident IDNS Inspector, T-31Z

*T-31Z*

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month September 2000

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 09/30/00  
COMPLETED BY M. J. Sloan  
TELEPHONE (217)935-8881-X3280

MONTH September 2000

1	<u>921</u>	17	<u>930</u>
2	<u>922</u>	18	<u>928</u>
3	<u>922</u>	19	<u>927</u>
4	<u>924</u>	20	<u>928</u>
5	<u>925</u>	21	<u>930</u>
6	<u>926</u>	22	<u>930</u>
7	<u>924</u>	23	<u>930</u>
8	<u>925</u>	24	<u>931</u>
9	<u>926</u>	25	<u>931</u>
10	<u>903</u>	26	<u>928</u>
11	<u>923</u>	27	<u>925</u>
12	<u>924</u>	28	<u>922</u>
13	<u>925</u>	29	<u>918</u>
14	<u>926</u>	30	<u>916</u>
15	<u>926</u>		
16	<u>905</u>		

OPERATING DATA REPORT

DOCKET NO. 50-461  
 UNIT Clinton 1  
 DATE 09/30/00  
 COMPLETED BY M. J. Sloan  
 TELEPHONE (217)935-8881-X3280

OPERATING STATUS

1. REPORTING PERIOD: September 2000 GROSS HOURS IN REPORT 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>720.0</u>	<u>6,227.7</u>	<u>70,701.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE.....	<u>720.0</u>	<u>6,125.6</u>	<u>68,798.3</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>2,079,010.1</u>	<u>17,547,969</u>	<u>186,916,057.7</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH).....	<u>695,337</u>	<u>5,868,007</u>	<u>61,897,800</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH).....	<u>665,256</u>	<u>5,629,347</u>	<u>59,030,700</u>
12. REACTOR SERVICE FACTOR.....	<u>100%</u>	<u>94.7%</u>	<u>62.7%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100%</u>	<u>94.7%</u>	<u>62.7%</u>
14. UNIT SERVICE FACTOR.....	<u>100%</u>	<u>93.2%</u>	<u>61.1%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100%</u>	<u>93.2%</u>	<u>61.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>99.4%</u>	<u>92.1%</u>	<u>56.3%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe).....	<u>99.0%</u>	<u>91.8%</u>	<u>56.2%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>2.7%</u>	<u>8.0%</u>

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

RF-7 Refueling Outage 7 (scheduled October 14, 2000) with a 22 day window.

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 09/30/00

COMPLETED BY M. J. Sloan

REPORT MONTH September 2000

NO.	DATE	TYPE		DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: S:	FORCED SCHEDULED				

NONE

- (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)
- (2) Method  
1 - Manual, 2 - Manual Scram, 3 - Automatic Scram, 4 - Other (explain)