

# AmerGen

A PECO Energy/British Energy Company

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## Clinton Power Station

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

U-603328  
8E.100c

February 14, 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  
January 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 January 31, 2000.

Sincerely yours,



Michael A. Reandean  
Director-Licensing

WED/krk

### Attachments

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

IE24

**CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES**

Month January 2000

NONE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 01/31/00  
COMPLETED BY W. E. DeMark  
TELEPHONE (217)935-8881-X3537

MONTH January 2000

|    |            |    |            |
|----|------------|----|------------|
| 1  | <u>869</u> | 17 | <u>936</u> |
| 2  | <u>942</u> | 18 | <u>936</u> |
| 3  | <u>940</u> | 19 | <u>937</u> |
| 4  | <u>939</u> | 20 | <u>936</u> |
| 5  | <u>936</u> | 21 | <u>936</u> |
| 6  | <u>938</u> | 22 | <u>786</u> |
| 7  | <u>938</u> | 23 | <u>785</u> |
| 8  | <u>940</u> | 24 | <u>935</u> |
| 9  | <u>937</u> | 25 | <u>936</u> |
| 10 | <u>939</u> | 26 | <u>936</u> |
| 11 | <u>938</u> | 27 | <u>936</u> |
| 12 | <u>938</u> | 28 | <u>937</u> |
| 13 | <u>938</u> | 29 | <u>938</u> |
| 14 | <u>936</u> | 30 | <u>932</u> |
| 15 | <u>940</u> | 31 | <u>937</u> |
| 16 | <u>935</u> |    |            |

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 01/31/00

COMPLETED BY W. E. DeMark

TELEPHONE (217)935-8881-X3537

OPERATING STATUS

1. REPORTING PERIOD: January 2000 GROSS HOURS IN REPORT 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>744.0</u>     | <u>744.0</u>     | <u>65,218.1</u>    |
| 6. REACTOR RESERVE SHUTDOWN HOURS.....           | <u>0.0</u>       | <u>0.0</u>       | <u>0.0</u>         |
| 7. HOURS GENERATOR ON LINE.....                  | <u>744.0</u>     | <u>744.0</u>     | <u>63,420.7</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>2,126,408</u> | <u>2,126,408</u> | <u>171,494,497</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..... | <u>716,322</u>   | <u>716,322</u>   | <u>56,746,115</u>  |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH).....   | <u>688,376</u>   | <u>688,376</u>   | <u>54,089,729</u>  |
| 12. REACTOR SERVICE FACTOR.....                  | <u>100.0%</u>    | <u>100.0%</u>    | <u>61.0%</u>       |
| 13. REACTOR AVAILABILITY FACTOR.....             | <u>100.0%</u>    | <u>100.0%</u>    | <u>61.0%</u>       |
| 14. UNIT SERVICE FACTOR.....                     | <u>100.0%</u>    | <u>100.0%</u>    | <u>59.4%</u>       |
| 15. UNIT AVAILABILITY FACTOR.....                | <u>100.0%</u>    | <u>100.0%</u>    | <u>59.4%</u>       |
| 16. UNIT CAPACITY FACTOR (Using MDC).....        | <u>99.5%</u>     | <u>99.5%</u>     | <u>54.4%</u>       |
| 17. UNIT CAPACITY FACTOR (Using Design MWe)..... | <u>99.2%</u>     | <u>99.2%</u>     | <u>54.3%</u>       |
| 18. UNIT FORCED OUTAGE RATE.....                 | <u>0.0%</u>      | <u>0.0%</u>      | <u>8.3%</u>        |

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

PLANNED OUTAGE-8 APRIL 2-15, 2000.

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 01/31/00  
COMPLETED BY W. E. DeMark

REPORT MONTH January 2000

| NO. | DATE     | F:<br>S: | TYPE<br>FORCED<br>SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR OR<br>REDUCING POWER (2) | CORRECTIVE<br>ACTIONS/COMMENTS                     |
|-----|----------|----------|-----------------------------|---------------------|------------|--|--|
|     | 01/22/00 |          | S                           | N/A                 | B          | 4  | Control rod sequence exchange, scram time testing. |

- (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)