



An Exelon/British Energy Company

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**Clinton Power Station**

R R 3 Box 228  
Clinton, IL 61727-9351

10CFR50.36

U-603589  
December 13, 2002

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Clinton Power Station  
Facility Operating License No. NPF-62  
NRC Docket No. 50-461

Subject: November 2002 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending November 30, 2002.

Respectfully,

W. S. Iliff  
Regulatory Assurance Manager  
Clinton Power Station

MJS/bif

Attachments

cc: Regional Administrator - NRC Region III  
NRC Senior Resident Inspector – Clinton Power Station  
Office of Nuclear Facility Safety - Illinois Department of Nuclear Safety

IE24

# ATTACHMENT 1

## CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month November 2002

None

# ATTACHMENT 2

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 11/30/02  
COMPLETED BY M. J. Sloan  
TELEPHONE (217)937-3280

MONTH November 2002

|    |             |    |             |
|----|-------------|----|-------------|
| 1  | <u>1024</u> | 17 | <u>1025</u> |
| 2  | <u>1025</u> | 18 | <u>1025</u> |
| 3  | <u>973</u>  | 19 | <u>1025</u> |
| 4  | <u>1024</u> | 20 | <u>1025</u> |
| 5  | <u>1024</u> | 21 | <u>1025</u> |
| 6  | <u>1024</u> | 22 | <u>1025</u> |
| 7  | <u>1025</u> | 23 | <u>1024</u> |
| 8  | <u>1025</u> | 24 | <u>1024</u> |
| 9  | <u>1025</u> | 25 | <u>1023</u> |
| 10 | <u>1025</u> | 26 | <u>1025</u> |
| 11 | <u>1025</u> | 27 | <u>1025</u> |
| 12 | <u>1025</u> | 28 | <u>1025</u> |
| 13 | <u>1025</u> | 29 | <u>1024</u> |
| 14 | <u>1025</u> | 30 | <u>1025</u> |
| 15 | <u>1025</u> |    |             |
| 16 | <u>1023</u> |    |             |

# ATTACHMENT 3

## OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 11/30/02

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

### OPERATING STATUS

1. REPORTING PERIOD: November 2002 GROSS HOURS IN REPORT PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3473  
 MAX. DEPEND. CAPACITY (MDC) (MWe-Net): 1022  
 DESIGN ELECTRICAL RATING (MWe-Gross): 1062
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>7181.6</u>      | <u>87,992 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>7061.8</u>      | <u>85,845 5</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>2,207,707 0</u> | <u>21,755,271</u>  | <u>237,272,610 6</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>762,552 0</u>   | <u>7,186,423 5</u> | <u>78,632,054</u>    |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)   | <u>736,406</u>     | <u>6,895,247</u>   | <u>75,062,685</u>    |
| 12. REACTOR SERVICE FACTOR                  | <u>100 0%</u>      | <u>89 6%</u>       | <u>66 8%</u>         |
| 13. REACTOR AVAILABILITY FACTOR             | <u>100 0%</u>      | <u>89 6%</u>       | <u>66 8%</u>         |
| 14. UNIT SERVICE FACTOR                     | <u>100 0%</u>      | <u>88 1%</u>       | <u>65 2%</u>         |
| 15. UNIT AVAILABILITY FACTOR                | <u>100 0%</u>      | <u>88 1%</u>       | <u>65 2%</u>         |
| 16. UNIT CAPACITY FACTOR (Using MDC)        | <u>110 0%</u>      | <u>92 5%</u>       | <u>61 3%</u>         |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>100 6%</u>      | <u>87.9%</u>       | <u>56 1%</u>         |
| 18. UNIT FORCED OUTAGE RATE                 | <u>0 0%</u>        | <u>1 6%</u>        | <u>6 8%</u>          |

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

| TYPE | DATE | DURATION |
|------|------|----------|
| NONE |      |          |

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

N/A

# ATTACHMENT 4

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461

UNIT Clinton 1

DATE 11/30/02

COMPLETED BY M. J. Sloan

REPORT MONTH November 2002

| NO. | DATE | TYPE |           | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR OR<br>REDUCING POWER<br>(2) | CORRECTIVE<br>ACTIONS/COMMENTS |
|-----|------|------|-----------|---------------------|------------|-----------------------------------------------------------------------|--------------------------------|
|     |      | F:   | 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)