



An Exelon/British Energy Company

Clinton Power Station

R.R. 3 Box 228
Clinton, IL 61727-9351

10CFR50.36

U-603633
October 7, 2003

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: September 2003 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending September 30, 2003.

Respectfully,

W.S. Iliff
W. S. Iliff

Regulatory Assurance Manager
Clinton Power Station

MKB/blf

Attachments

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

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ATTACHMENT 1

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month September 2003

None

ATTACHMENT 2

AVERAGE DAILY UNIT POWER LEVEL

| | |
|--------------|----------------------|
| DOCKET NO. | <u>50-461</u> |
| UNIT | <u>Clinton 1</u> |
| DATE | <u>09/30/03</u> |
| COMPLETED BY | <u>M. K. Baetz</u> |
| TELEPHONE | <u>(217)937-2201</u> |

MONTH September 2003

| | | | |
|----|-------------|----|-------------|
| 1 | <u>1042</u> | 17 | <u>1018</u> |
| 2 | <u>1041</u> | 18 | <u>1017</u> |
| 3 | <u>1041</u> | 19 | <u>1019</u> |
| 4 | <u>1041</u> | 20 | <u>1018</u> |
| 5 | <u>1040</u> | 21 | <u>1018</u> |
| 6 | <u>1044</u> | 22 | <u>1017</u> |
| 7 | <u>831</u> | 23 | <u>1019</u> |
| 8 | <u>1016</u> | 24 | <u>1019</u> |
| 9 | <u>1009</u> | 25 | <u>1019</u> |
| 10 | <u>1019</u> | 26 | <u>1019</u> |
| 11 | <u>1018</u> | 27 | <u>1014</u> |
| 12 | <u>1019</u> | 28 | <u>1022</u> |
| 13 | <u>1018</u> | 29 | <u>1017</u> |
| 14 | <u>1019</u> | 30 | <u>1017</u> |
| 15 | <u>1018</u> | | |
| 16 | <u>1018</u> | | |

ATTACHMENT 3

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 09/30/03

COMPLETED BY M. K. Baetz

TELEPHONE (217)937-2201

OPERATING STATUS

1. REPORTING PERIOD: September 2003 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>6507.0</u> | <u>95,243.8</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>6494.4</u> | <u>93,083.9</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>2,199,280</u> | <u>20,518,779</u> | <u>260,148,524.6</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>761,777.5</u> | <u>6,916,598.5</u> | <u>86,338,312</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>731,688</u> | <u>6,659,160.2</u> | <u>82,484,057</u> |
| 12. REACTOR SERVICE FACTOR | <u>100.0%</u> | <u>99.3%</u> | <u>68.5%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>100.0%</u> | <u>99.3%</u> | <u>68.5%</u> |
| 14. UNIT SERVICE FACTOR | <u>100.0 %</u> | <u>99.1%</u> | <u>67.0%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>100.0%</u> | <u>99.1%</u> | <u>67.0%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>109.3%</u> | <u>109.3%</u> | <u>63.8%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>99.9%</u> | <u>100.0%</u> | <u>58.4%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>0.0%</u> | <u>0.0%</u> | <u>6.3%</u> |

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

| TYPE | DATE | DURATION |
|----------------|----------|----------|
| Refuel (C1R09) | 02/03/04 | 18 Days |

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

N/A

ATTACHMENT 4

UNIT SHUTDOWNS

DOCKET NO. 50-461
 UNIT Clinton 1
 DATE 09/30/03
 COMPLETED BY M. K. Baetz

REPORT MONTH September 2003

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

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)