



An Exelon/British Energy Company

Clinton Power Station

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10CFR50.36

U-603545

8E.100c

March 11, 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: February 2002 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending February 28, 2002.

Respectfully,

W. S. Iliff
Regulatory Assurance Manager
Clinton Power Station

MJS/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

IE24

ATTACHMENT 1

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month February 2002

None

ATTACHMENT 2

AVERAGE DAILY UNIT POWER LEVEL

| | |
|--------------|----------------------|
| DOCKET NO. | <u>50-461</u> |
| UNIT | <u>Clinton 1</u> |
| DATE | <u>02/28/02</u> |
| COMPLETED BY | <u>M. J. Sloan</u> |
| TELEPHONE | <u>(217)937-3280</u> |

MONTH February 2002

| | | | |
|----|------------|----|------------|
| 1 | <u>927</u> | 17 | <u>904</u> |
| 2 | <u>928</u> | 18 | <u>926</u> |
| 3 | <u>929</u> | 19 | <u>926</u> |
| 4 | <u>926</u> | 20 | <u>926</u> |
| 5 | <u>927</u> | 21 | <u>926</u> |
| 6 | <u>928</u> | 22 | <u>926</u> |
| 7 | <u>927</u> | 23 | <u>928</u> |
| 8 | <u>928</u> | 24 | <u>929</u> |
| 9 | <u>929</u> | 25 | <u>927</u> |
| 10 | <u>928</u> | 26 | <u>927</u> |
| 11 | <u>926</u> | 27 | <u>927</u> |
| 12 | <u>927</u> | 28 | <u>928</u> |
| 13 | <u>926</u> | | |
| 14 | <u>926</u> | | |
| 15 | <u>927</u> | | |
| 16 | <u>928</u> | | |

ATTACHMENT 3

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 02/28/02

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

OPERATING STATUS

1. REPORTING PERIOD: February 2002 GROSS HOURS IN REPORT PERIOD: 672
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>672.0</u> | <u>1416.0</u> | <u>82,227.3</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| 7. HOURS GENERATOR ON LINE | <u>672.0</u> | <u>1416.0</u> | <u>80,199.7</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>1,944,269</u> | <u>4,087,585</u> | <u>219,604,924.6</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>647,438.0</u> | <u>1,361,336.5</u> | <u>72,806,967</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>622,523</u> | <u>1,308,918</u> | <u>69,476,356</u> |
| 12. REACTOR SERVICE FACTOR | <u>100%</u> | <u>100%</u> | <u>65.8%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>100%</u> | <u>100%</u> | <u>65.8%</u> |
| 14. UNIT SERVICE FACTOR | <u>100%</u> | <u>100%</u> | <u>64.1%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>100%</u> | <u>100%</u> | <u>64.1%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>99.6%</u> | <u>99.4%</u> | <u>59.7%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>99.3%</u> | <u>99.1%</u> | <u>59.5%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>0.0%</u> | <u>0.0%</u> | <u>7.1%</u> |

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

| TYPE | DATE | DURATION |
|-----------------------------------|---------------|----------|
| REFUELING OUTAGE No. 8 (C1R08) | APRIL 2, 2002 | 34 DAYS |

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 02/28/02
COMPLETED BY M. J. Sloan

REPORT MONTH February 2002

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

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)