



An Exelon/British Energy Company

Clinton Power Station

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10CFR50.36

U-603539

8E.100c

January 14, 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: December 2001 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending December 31, 2001.

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 December 2001

None

ATTACHMENT 2

AVERAGE DAILY UNIT POWER LEVEL

| | |
|--------------|----------------------|
| DOCKET NO. | <u>50-461</u> |
| UNIT | <u>Clinton 1</u> |
| DATE | <u>12/31/01</u> |
| COMPLETED BY | <u>M. J. Sloan</u> |
| TELEPHONE | <u>(217)937-3280</u> |

MONTH December 2001

| | | | |
|----|------------|----|------------|
| 1 | <u>932</u> | 17 | <u>310</u> |
| 2 | <u>931</u> | 18 | <u>907</u> |
| 3 | <u>930</u> | 19 | <u>910</u> |
| 4 | <u>929</u> | 20 | <u>910</u> |
| 5 | <u>930</u> | 21 | <u>928</u> |
| 6 | <u>930</u> | 22 | <u>928</u> |
| 7 | <u>930</u> | 23 | <u>928</u> |
| 8 | <u>931</u> | 24 | <u>928</u> |
| 9 | <u>931</u> | 25 | <u>928</u> |
| 10 | <u>929</u> | 26 | <u>926</u> |
| 11 | <u>929</u> | 27 | <u>928</u> |
| 12 | <u>930</u> | 28 | <u>928</u> |
| 13 | <u>929</u> | 29 | <u>928</u> |
| 14 | <u>925</u> | 30 | <u>926</u> |
| 15 | <u>227</u> | 31 | <u>928</u> |
| 16 | <u>0</u> | | |

ATTACHMENT 3

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 12/31/01

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

OPERATING STATUS

1. REPORTING PERIOD: December 2001 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>716.3</u> | <u>8627.9</u> | <u>80,811.3</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0.0</u> | <u>0.0</u> | <u>0.0</u> |
| 7. HOURS GENERATOR ON LINE | <u>702.2</u> | <u>8567.0</u> | <u>78,783.7</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>1,987,694</u> | <u>24,618,392</u> | <u>215,517,339.6</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>661,233.5</u> | <u>8,212,686.0</u> | <u>71,445,630</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>634,560</u> | <u>7,877,246</u> | <u>68,167,438</u> |
| 12. REACTOR SERVICE FACTOR | <u>96.3%</u> | <u>98.5%</u> | <u>65.4%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>96.3%</u> | <u>98.5%</u> | <u>65.4%</u> |
| 14. UNIT SERVICE FACTOR | <u>94.4%</u> | <u>97.8%</u> | <u>63.7%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>94.4%</u> | <u>97.8%</u> | <u>63.7%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>91.7%</u> | <u>96.7%</u> | <u>59.3%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>91.4%</u> | <u>96.4%</u> | <u>59.1%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>5.6%</u> | <u>1.5%</u> | <u>7.3%</u> |

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

| TYPE | DATE | DURATION |
|-----------------------------------|---------------|----------|
| REFUELING OUTAGE No. 8 (C1R08) | APRIL 2, 2002 | 35 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 12/31/01
COMPLETED BY M. J. Sloan

REPORT MONTH December 2001

| NO. | DATE | F: | TYPE FORCED SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2) | CORRECTIVE ACTIONS/COMMENTS |
|-----|----------|----|-----------------------------|---------------------|------------|---|--|
| 1 | 12/15/01 | | FORCED (C1F36) | 41.8 | B | 2 | REPAIRS MADE TO "A" REACTOR RECIRC FLOW CONTROL VALVE. |

- (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)