

AmerGen
An Exelon/British Energy Company

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

10CFR50.36

U-603648
January 7, 2004

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 2003 Monthly Operating Report

Please find in the Attachments the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending December 31, 2003.

Respectfully,


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

IE24

ATTACHMENT 1

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month December 2003

None

ATTACHMENT 2

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-461</u>
UNIT	<u>Clinton 1</u>
DATE	<u>12/31/03</u>
COMPLETED BY	<u>M. K. Baetz</u>
TELEPHONE	<u>(217) 937-2201</u>

MONTH December 2003

1	<u>980</u>	17	<u>957</u>
2	<u>693</u>	18	<u>954</u>
3	<u>0</u>	19	<u>959</u>
4	<u>0</u>	20	<u>978</u>
5	<u>91</u>	21	<u>975</u>
6	<u>302</u>	22	<u>972</u>
7	<u>897</u>	23	<u>967</u>
8	<u>819</u>	24	<u>963</u>
9	<u>720</u>	25	<u>959</u>
10	<u>998</u>	26	<u>957</u>
11	<u>973</u>	27	<u>951</u>
12	<u>970</u>	28	<u>916</u>
13	<u>530</u>	29	<u>915</u>
14	<u>879</u>	30	<u>914</u>
15	<u>923</u>	31	<u>864</u>
16	<u>966</u>		

ATTACHMENT 3

OPERATING DATA REPORT

DOCKET NO. 50-461
UNIT Clinton 1
DATE 12/31/03
COMPLETED BY M. K. Baetz
TELEPHONE (217) 937-2201

OPERATING STATUS

1. REPORTING PERIOD: December 2003 GROSS HOURS IN REPORT PERIOD: 744
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>709.8</u>	<u>8681.8</u>	<u>97,418.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE	<u>675.8</u>	<u>8635.2</u>	<u>95,224.7</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>1,917,318</u>	<u>26,954,725</u>	<u>266,584,470.6</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>623,227.0</u>	<u>9,037,906.0</u>	<u>88,459,619</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>598,578</u>	<u>8,700,780.0</u>	<u>84,525,677</u>
12. REACTOR SERVICE FACTOR	<u>95.4%</u>	<u>99.1%</u>	<u>69.0%</u>
13. REACTOR AVAILABILITY FACTOR	<u>95.4%</u>	<u>99.1%</u>	<u>69.0%</u>
14. UNIT SERVICE FACTOR	<u>90.8 %</u>	<u>98.6%</u>	<u>67.5%</u>
15. UNIT AVAILABILITY FACTOR	<u>90.8%</u>	<u>98.6%</u>	<u>67.5%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>86.5%</u>	<u>106.8%</u>	<u>64.4%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>79.1%</u>	<u>97.7%</u>	<u>58.9%</u>
18. UNIT FORCED OUTAGE RATE	<u>9.2%</u>	<u>0.8%</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 12/31/03
 COMPLETED BY M. K. Baetz

REPORT MONTH December 2003

NO.	DATE	F:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
C1F41	12/02/03		FORCED	68.2 HOURS	A - EQUIPMENT FAILURE	2 - MANUAL SCRAM	INSERTED MANUAL SCRAM WHEN UNIT SUB 11 DE- ENERGIZED.

(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)