

# AmerGen

An Exelon/British Energy Company

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**Clinton Power Station**

R.R. 3 Box 228  
Clinton, IL 61727-9351  
Phone: 217 935-8881

10CFR50.36

U-603542

8E.100c

February 14, 2002

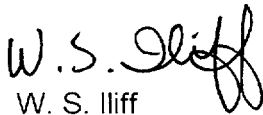
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

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

Subject: January 2002 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending January 31, 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 January 2002

None

## ATTACHMENT 2

### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-461</u>
UNIT	<u>Clinton 1</u>
DATE	<u>01/31/02</u>
COMPLETED BY	<u>M. J. Sloan</u>
TELEPHONE	<u>(217)937-3280</u>

MONTH January 2002

1	<u>929</u>	17	<u>928</u>
2	<u>927</u>	18	<u>927</u>
3	<u>927</u>	19	<u>929</u>
4	<u>927</u>	20	<u>772</u>
5	<u>931</u>	21	<u>923</u>
6	<u>927</u>	22	<u>928</u>
7	<u>928</u>	23	<u>924</u>
8	<u>927</u>	24	<u>924</u>
9	<u>928</u>	25	<u>929</u>
10	<u>928</u>	26	<u>928</u>
11	<u>927</u>	27	<u>930</u>
12	<u>929</u>	28	<u>927</u>
13	<u>930</u>	29	<u>927</u>
14	<u>929</u>	30	<u>928</u>
15	<u>928</u>	31	<u>927</u>
16	<u>928</u>		

## ATTACHMENT 3

### OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 01/31/02

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

#### OPERATING STATUS

1. REPORTING PERIOD: January 2002 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>744.0</u>	<u>744.0</u>	<u>81,555.3</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE	<u>744.0</u>	<u>744.0</u>	<u>79,527.7</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>2,143,316</u>	<u>2,143,316</u>	<u>217,660,655.6</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>713,898.5</u>	<u>713,898.5</u>	<u>72,159,529</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>686,395</u>	<u>686,395</u>	<u>68,853,833</u>
12. REACTOR SERVICE FACTOR	<u>100%</u>	<u>100%</u>	<u>65.6%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100%</u>	<u>100%</u>	<u>65.6%</u>
14. UNIT SERVICE FACTOR	<u>100%</u>	<u>100%</u>	<u>63.9%</u>
15. UNIT AVAILABILITY FACTOR	<u>100%</u>	<u>100%</u>	<u>63.9%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>99.2%</u>	<u>99.2%</u>	<u>59.5%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>98.9%</u>	<u>98.9%</u>	<u>59.3%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>7.2%</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 01/31/02  
COMPLETED BY M. J. Sloan

REPORT MONTH January 2002

NO.	DATE	F:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
1	01/20/02		SCHEDULED	3.8	B	1	SURVEILLANCE TESTING, PATTERN ADJUSTMENT

- (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)