



An Exelon/British Energy Company

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**Clinton Power Station**

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

10CFR50.36

U-603583

October 9, 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: September 2002 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending September 30, 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 September 2002

None

## ATTACHMENT 2

### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-461</u>
UNIT	<u>Clinton 1</u>
DATE	<u>09/30/02</u>
COMPLETED BY	<u>M. J. Sloan</u>
TELEPHONE	<u>(217)937-3280</u>

MONTH September 2002

1	<u>1019</u>	17	<u>1019</u>
2	<u>1019</u>	18	<u>1019</u>
3	<u>1019</u>	19	<u>1020</u>
4	<u>1019</u>	20	<u>1019</u>
5	<u>1020</u>	21	<u>1019</u>
6	<u>1019</u>	22	<u>1021</u>
7	<u>1019</u>	23	<u>1020</u>
8	<u>843</u>	24	<u>1020</u>
9	<u>1015</u>	25	<u>981</u>
10	<u>1011</u>	26	<u>1061</u>
11	<u>1020</u>	27	<u>1018</u>
12	<u>1019</u>	28	<u>1019</u>
13	<u>1019</u>	29	<u>1019</u>
14	<u>1022</u>	30	<u>1018</u>
15	<u>1020</u>		
16	<u>1020</u>		

# ATTACHMENT 3

## OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 09/30/02

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

### OPERATING STATUS

1. REPORTING PERIOD: September 2002 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>5716.6</u>	<u>86,527.8</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>5596.8</u>	<u>84,380 5</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>2,326,507 0</u>	<u>17,151,928</u>	<u>232,669,267 6</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>759,760 5</u>	<u>5,633,594 0</u>	<u>77,079,224</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>729,480</u>	<u>5,397,926 6</u>	<u>73,565,365</u>
12. REACTOR SERVICE FACTOR	<u>100 0%</u>	<u>87 2%</u>	<u>66 5%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100 0%</u>	<u>87.2%</u>	<u>66 5%</u>
14. UNIT SERVICE FACTOR	<u>100 0 %</u>	<u>85 4%</u>	<u>64 8%</u>
15. UNIT AVAILABILITY FACTOR	<u>100 0%</u>	<u>85 4%</u>	<u>64 8%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>108 9%</u>	<u>88 6%</u>	<u>60 8%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>99 6%</u>	<u>84 9%</u>	<u>55 6%</u>
18. UNIT FORCED OUTAGE RATE	<u>0 0%</u>	<u>2 0%</u>	<u>6 9%</u>

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

TYPE	DATE	DURATION
NONE		

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	09/30/02
COMPLETED BY	M. J. Sloan

REPORT MONTH September 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	9/8/02		S	18 hrs	B	1	Downpower for required surveillances and rod sequence exchange. Performed 9031.07, Turbine Control Valve Testing, which must be performed at 60% power.

- (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)