



An Exelon/British Energy Company

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**Clinton Power Station**

R R 3 Box 228  
Clinton, IL 61727-9351

10CFR50.36

U-603577

August 15, 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: July 2002 Monthly Operating Report

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

Respectfully,

A handwritten signature in black ink, appearing to read "W.S. Iliff". The signature is written in a cursive, flowing style.

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 July 2002

None

## ATTACHMENT 2

### AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-461</u>
UNIT	<u>Clinton 1</u>
DATE	<u>07/31/02</u>
COMPLETED BY	<u>M. J. Sloan</u>
TELEPHONE	<u>(217)937-3280</u>

MONTH July 2002

1	<u>1026</u>	17	<u>1029</u>
2	<u>1026</u>	18	<u>1028</u>
3	<u>1026</u>	19	<u>1028</u>
4	<u>67</u>	20	<u>1029</u>
5	<u>57</u>	21	<u>1029</u>
6	<u>824</u>	22	<u>1025</u>
7	<u>998</u>	23	<u>1028</u>
8	<u>1018</u>	24	<u>1029</u>
9	<u>965</u>	25	<u>1029</u>
10	<u>1024</u>	26	<u>1027</u>
11	<u>1026</u>	27	<u>1027</u>
12	<u>1028</u>	28	<u>1027</u>
13	<u>1031</u>	29	<u>1027</u>
14	<u>1031</u>	30	<u>1027</u>
15	<u>1029</u>	31	<u>1026</u>
16	<u>1027</u>		

## ATTACHMENT 3

### OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 07/31/02

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

#### OPERATING STATUS

1. REPORTING PERIOD: July 2002 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>718 2</u>	<u>4252 6</u>	<u>85,063 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>703 5</u>	<u>4132 8</u>	<u>82,916 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>2,283,654 0</u>	<u>12,378,287</u>	<u>227,895,626 6</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>740,376 0</u>	<u>4,076,170 0</u>	<u>75,521,800</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>707,581</u>	<u>3,902,578 6</u>	<u>72,070,017</u>
12. REACTOR SERVICE FACTOR	<u>96 5%</u>	<u>83 6%</u>	<u>66 1%</u>
13. REACTOR AVAILABILITY FACTOR	<u>96 5%</u>	<u>83 6%</u>	<u>66.1%</u>
14. UNIT SERVICE FACTOR	<u>94 6%</u>	<u>81 2%</u>	<u>64 4%</u>
15. UNIT AVAILABILITY FACTOR	<u>94 6%</u>	<u>81.2%</u>	<u>64 4%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>102.6%</u>	<u>82.5%</u>	<u>60 2%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>93 8%</u>	<u>80.1%</u>	<u>55 1%</u>
18. UNIT FORCED OUTAGE RATE	<u>5 4%</u>	<u>2.7%</u>	<u>7 0%</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	07/31/02
COMPLETED BY	M. J. Sloan

REPORT MONTH July 2002

NO.	DATE	F:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
						(2)	
01	07/04/02		FORCED	40.5	A	3	An unplanned automatic scram occurred on July 4 due to the Main Power Transformer (MPT) B sudden pressure relay trip. Immediate actions were to replace the defective sudden pressure relay on MPT B and testing of MPT A and C sudden pressure relays for proper operation. No interim corrective actions were required for this hardware failure. The unit was returned to service on 7/5/02 at 1805.

- (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)