



An Exelon/British Energy Company

Clinton Power Station

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

10CFR50.36

U-603620
May 7, 2003

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: April 2003 Monthly Operating Report

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending April 30, 2003.

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 April 2003

None

ATTACHMENT 2

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	<u>50-461</u>
UNIT	<u>Clinton 1</u>
DATE	<u>04/30/03</u>
COMPLETED BY	<u>M. J. Sloan</u>
TELEPHONE	<u>(217)937-3280</u>

MONTH April 2003

1	<u>1025</u>	17	<u>1025</u>
2	<u>1025</u>	18	<u>1025</u>
3	<u>1025</u>	19	<u>1026</u>
4	<u>1025</u>	20	<u>1025</u>
5	<u>1025</u>	21	<u>1025</u>
6	<u>983</u>	22	<u>1025</u>
7	<u>1023</u>	23	<u>1025</u>
8	<u>1023</u>	24	<u>1025</u>
9	<u>1025</u>	25	<u>1025</u>
10	<u>1007</u>	26	<u>1025</u>
11	<u>34</u>	27	<u>1026</u>
12	<u>0</u>	28	<u>1023</u>
13	<u>235</u>	29	<u>1024</u>
14	<u>995</u>	30	<u>1023</u>
15	<u>1012</u>		
16	<u>1024</u>		

ATTACHMENT 3

OPERATING DATA REPORT

DOCKET NO. 50-461

UNIT Clinton 1

DATE 04/30/03

COMPLETED BY M. J. Sloan

TELEPHONE (217)937-3280

OPERATING STATUS

1. REPORTING PERIOD: April 2003 GROSS HOURS IN REPORT PERIOD: 719
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>675.0</u>	<u>2835.0</u>	<u>91,571.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. HOURS GENERATOR ON LINE	<u>662.4</u>	<u>2822.4</u>	<u>89,411.9</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>2,068,695</u>	<u>8,887,151.0</u>	<u>248,516,896.6</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>691,783.0</u>	<u>2,976,810.0</u>	<u>82,398,523</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>666,612</u>	<u>2,871,569.5</u>	<u>78,696,467</u>
12. REACTOR SERVICE FACTOR	<u>93.9%</u>	<u>98.5%</u>	<u>67.7%</u>
13. REACTOR AVAILABILITY FACTOR	<u>93.9%</u>	<u>98.5%</u>	<u>67.7%</u>
14. UNIT SERVICE FACTOR	<u>92.1%</u>	<u>98.0%</u>	<u>66.1%</u>
15. UNIT AVAILABILITY FACTOR	<u>92.1%</u>	<u>98.0%</u>	<u>66.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>99.7%</u>	<u>107.2%</u>	<u>62.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>91.2%</u>	<u>98.1%</u>	<u>57.2%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>6.6%</u>

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

TYPE	DATE	DURATION
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N/A

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 04/30/03
 COMPLETED BY M. J. Sloan

REPORT MONTH April 2003

NO.	DATE	F:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
C1M13	04/11/03		SCHEDULED	56.6 HOURS	B	2	PLANNED OUTAGE TO REPAIR THE 'B' REACTOR RECIRCULATION FLOW CONTROL VALVE. DURING THE DOWN-POWERING EVOLUTION, A MANUAL REACTOR SCRAM WAS INITIATED AT APPROXIMATELY 33% POWER DUE TO HIGH VIBRATION LEVELS OBSERVED ON THE MAIN TURBINE BEARINGS.

- (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)