

# AmerGen

A PECO Energy/British Energy Company

## Clinton Power Station

P.O. Box 678  
Clinton, IL 61727  
Phone: 217 935-8881

U-603318  
8E.100c

January 12, 2000

Docket No. 50-461

10CFR50.36

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Subject: Clinton Power Station, Unit 1  
Facility Operating License NPF-62  
December 1999 Monthly Operating Report

Dear Madam or Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending December 31, 1999.

Sincerely yours,



Michael A. Reandean  
Director-Licensing

WED/krk

### Attachments

cc: NRC Region III Regional Administrator  
Illinois Department of Nuclear Safety  
NRC Resident Office, V-690  
Resident IDNS Inspector, T-31Z

PDR AD001L 050W461

IE24

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month December 1999

NONE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 12/31/99  
COMPLETED BY W. E. DeMark  
TELEPHONE (217)935-8881-X3537

MONTH December 1999

1	<u>941</u>	17	<u>918</u>
2	<u>943</u>	18	<u>919</u>
3	<u>943</u>	19	<u>940</u>
4	<u>942</u>	20	<u>939</u>
5	<u>938</u>	21	<u>937</u>
6	<u>940</u>	22	<u>940</u>
7	<u>941</u>	23	<u>940</u>
8	<u>941</u>	24	<u>940</u>
9	<u>941</u>	25	<u>941</u>
10	<u>941</u>	26	<u>937</u>
11	<u>940</u>	27	<u>940</u>
12	<u>938</u>	28	<u>939</u>
13	<u>940</u>	29	<u>941</u>
14	<u>940</u>	30	<u>941</u>
15	<u>941</u>	31	<u>894</u>
16	<u>940</u>		

OPERATING DATA REPORT

DOCKET NO. 50-461  
 UNIT Clinton 1  
 DATE 12/31/99  
 COMPLETED BY W. E. DeMark  
 TELEPHONE (217)935-8881-X3537

OPERATING STATUS

1. REPORTING PERIOD: December 1999 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>5566.3</u>	<u>64,450.1</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>5270.8</u>	<u>62,676.7</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>2,148,239.6</u>	<u>14,667,498.6</u>	<u>169,368,089</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH).....	<u>724,706</u>	<u>4,908,827</u>	<u>56,029,793</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH).....	<u>697,244</u>	<u>4,704,212</u>	<u>53,401,353</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>63.5%</u>	<u>60.7%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>63.5%</u>	<u>60.7%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>60.2%</u>	<u>59.1%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>60.2%</u>	<u>59.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>100.8%</u>	<u>57.7%</u>	<u>54.1%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe).....	<u>100.4%</u>	<u>57.6%</u>	<u>54.0%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>0.0%</u>	<u>8.4%</u>

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

PLANNED OUTAGE-8 APRIL 2-15, 2000.

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 12/31/99  
COMPLETED BY W. E. DeMark

REPORT MONTH December 1999

NO.	DATE	F: S:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	12/31/99		S	N/A	F	4	Year 2000 Plan Implementation.

(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)