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ILLINOIS POWER COMPANY



CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

November 13, 1989

10CFR50.36

Docket No. 50-461

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

Subject: Clinton Power Station, Unit 1  
October 1989 Monthly Operating Report NPF-62

Dear Sir:

Please find in Attachment 1 the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending October 31, 1989.

Sincerely yours,

A handwritten signature in cursive script that reads "D L Holtzsch".

D. L. Holtzsch  
Acting Manager -  
Licensing and Safety

GSL/krm

Attachment

cc: Regional Administrator, Region III, USNRC

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FDR ADOCK 05000461  
R FDC

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CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month October 1989

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 10/31/89  
COMPLETED BY D. L. Holtzscher  
TELEPHONE (217) 935-8881 X3400

MONTH October 1989

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1 779  
2 778  
3 776  
4 777  
5 780  
6 782  
7 777  
8 765  
9 778  
10 781  
11 783  
12 782  
13 780  
14 781  
15 780  
16 778

17 782  
18 783  
19 783  
20 783  
21 783  
22 781  
23 783  
24 780  
25 773  
26 773  
27 773  
28 776  
29 775  
30 775  
31 768

INSTRUCTIONS

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt. These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output should be footnoted to explain the apparent anomaly.

OPERATING DATA REPORT

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 10/31/89  
COMPLETED BY D. L. Holtzscher  
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: October 1989 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2894 MAX. DEPEND. CAPACITY (MDC) (MWe-Nec): 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>745</u>	<u>3093.3</u>	<u>11,336.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>745</u>	<u>2779.3</u>	<u>10,923.8</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)...	<u>1,826.117</u>	<u>6,703.401</u>	<u>27,497.484</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>607.695</u>	<u>2,207.164</u>	<u>9,084.223</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>579.935</u>	<u>2,063.758</u>	<u>8,608.603</u>
12. REACTOR SERVICE FACTOR.....	<u>100%</u>	<u>42.4%</u>	<u>66.8%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100%</u>	<u>42.4%</u>	<u>66.8%</u>
14. UNIT SERVICE FACTOR.....	<u>100%</u>	<u>38.1%</u>	<u>64.3%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100%</u>	<u>38.1%</u>	<u>64.3%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>83.7%</u>	<u>30.4%</u>	<u>54.5%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>83.4%</u>	<u>30.3%</u>	<u>54.3%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0%</u>	<u>39.7%</u>	<u>17.6%</u>

19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):
  1. A maintenance outage is scheduled to begin on November 12, 1989 and last approximately 7 days.
  2. An outage is scheduled to begin on February 25, 1990 and last approximately 30 days. The purpose of this outage is to perform work activities which will support or enhance operation through the summer peak and reduce the complexity, alleviate some of the risk, and reduce the duration of the second refueling outage at CPS.
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):
 

INITIAL CRITICALITY	_____	<u>2/27/87</u>
INITIAL ELECTRICITY (Synchronization)	_____	<u>4/24/87</u>
COMPLETION OF WARRANTY RUN	_____	<u>10/09/87</u>



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461

UNIT Clinton 1

DATE 10/31/89

COMPLETED BY D. L. Holtzscher

TELEPHONE (217) 935-8881 X3400

REPORT MONTH October 1989

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NO.	DATE	TYPE		DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN	
		F: FORCED	S: SCHEDULED			THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS /COMMENTS

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None

(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),  
H-Other

(2) Method

1-Manual, 2-Manual Scram, 3-Auto Scram, 4-Continued