

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month May 1988

None

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MONTHLY OPERATING REPORT FORMAT AND INSTRUCTIONS  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461  
UNIT C'inton 1  
DATE 05/31/88  
COMPLETED BY F. A. Spangenberg  
TELEPHONE (217) 935-8881 X3400

MONTH May 1988

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>47</u>
6	<u>159</u>
7	<u>513</u>
8	<u>746</u>
9	<u>916</u>
10	<u>925</u>
11	<u>911</u>
12	<u>910</u>
13	<u>912</u>
14	<u>570</u>
15	<u>824</u>
16	<u>916</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>919</u>
18	<u>923</u>
19	<u>928</u>
20	<u>921</u>
21	<u>541</u>
22	<u>747</u>
23	<u>915</u>
24	<u>915</u>
25	<u>921</u>
26	<u>920</u>
27	<u>922</u>
28	<u>923</u>
29	<u>683</u>
30	<u>683</u>
31	<u>849</u>

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 sheet should be footnoted to explain the apparent anomaly.

OPERATING DATA REPORT

DOCKET NO. 50-461  
UNIT Clinton 1  
DATE 05/31/88  
COMPLETED BY F. A. Spangenberg  
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: May 1988 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2894 MAX. DEPEND. CAPACITY (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>716.3</u>	<u>2591.6</u>	<u>3489.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>636.1</u>	<u>2506.6</u>	<u>3404.9</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt)...	<u>1,606,094</u>	<u>6,691,968</u>	<u>8,837,468</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>529,993</u>	<u>2,233,033</u>	<u>2,949,683</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)..	<u>503,483</u>	<u>2,131,499</u>	<u>2,815,602</u>
12. REACTOR SERVICE FACTOR.....	<u>96.3%</u>	<u>71.1%</u>	<u>76.8%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>96.3%</u>	<u>71.1%</u>	<u>76.8%</u>
14. UNIT SERVICE FACTOR.....	<u>85.5%</u>	<u>68.7%</u>	<u>74.9%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>85.5%</u>	<u>68.7%</u>	<u>74.9%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>72.8%</u>	<u>62.8%</u>	<u>66.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>72.5%</u>	<u>62.6%</u>	<u>66.4%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>14.5%</u>	<u>4.1%</u>	<u>3.1%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	<u>N/A</u>		
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>N/A</u>		
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED	
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 05/31/88  
COMPLETED BY F. A. Spangenberg  
TELEPHONE (217) 935-8881 X3400

REPORT MONTH May 1988

NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F: S:	FORCED SCHEDULED				
9	880501		F	107.9	H: Unplanned difficulties delayed start up of the plant	9: Plant was already shut down	<u>Reason</u> A-Equipment Failure (explain) B-Maintenance or Test
10	880514		S	0	B: Reduced power to approximately 60% of rated reactor power to perform surveillance testing and maintenance on the moisture separator/reheater	1: Manual insertion of control rods and reduction in reactor recirculation flow	C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error (explain) H-Other
11	880521		S	0	B: Reduced power to approximately 60% of rated reactor power to perform surveillance testing and maintenance on moisture separator/reheater	1: Manual insertion of control rods and reduction in reactor recirculation flow	<u>Method</u> 1-Manual 2-Manual Scram 3-Auto Scram 4-Continued 5-Reduced 9-Other
12	880529		S	0	B: Reduced power to approximately 75% of rated reactor power to perform surveillance testing and maintenance on a feedwater heater	1: Manual insertion of control rods and reduction in reactor recirculation flow	

REFUELING INFORMATION

- 1) Name of facility Clinton Power Station
- 2) Scheduled date for next refueling shutdown January 3, 1989
- 3) Scheduled date for restart following refuel March 5, 1989
- 4) Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment? Yes

If Yes, list in general what these will be:

An Operating License and Technical Specification change in response to the Reduced Feedwater Temperature Analysis.

- 5) Has the reload fuel design and core configuration been reviewed by the Facility Review Group (FRG) to determine whether any unreviewed safety questions are associated with the core reload? No

If no such review has taken place, when it is scheduled? July, 1988

- 6) Scheduled date(s) for submitting proposed licensing action and supporting information:

The reload license amendment is scheduled to be submitted on October 18, 1988.

- 7) List any important licensing considerations associated with refueling e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

The new core design is not yet finalized.

- 8) Number of fuel assemblies

- a) in the core 624
- b) in the spent fuel storage pool 0

- 9) The present licensed spent fuel pool storage capacity 2,672

The size of any requested or planned increase in licensed storage capacity 0 (number of fuel assemblies)

- 10) The projected date of the last refueling that can be discharged to the spent fuel pool, assuming the present licensed capacity 2010.

U-601207  
L30-88(06-08)-LP  
1A.120

ILLINOIS POWER COMPANY



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

10CFR50.36  
RG 1.16  
June 8, 1988

Docket No. 50-461

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

Subject: Clinton Power Station, Unit 1  
May 1988 Monthly Operating Report  
NPF-62

Dear Sir:

Please find enclosed the Monthly Operating Report for Clinton Power Station, Unit 1, for the period ending May 31, 1988.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'F. A. Spangenberg, III'.

F. A. Spangenberg, III  
Manager - Licensing and Safety

GSL/krm

Enclosure

cc: Regional Administrator, Region III, USNRC

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