

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month September 1988

None

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MONTHLY OPERATING REPORT FORMAT AND INSTRUCTIONS
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461
UNIT Clinton 1
DATE 09/30/88
COMPLETED BY D. L. Holtzsch
TELEPHONE (217) 935-8881 X2400

MONTH September 1988

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>915</u>
2	<u>906</u>
3	<u>614</u>
4	<u>763</u>
5	<u>882</u>
6	<u>915</u>
7	<u>913</u>
8	<u>916</u>
9	<u>913</u>
10	<u>920</u>
11	<u>888</u>
12	<u>911</u>
13	<u>913</u>
14	<u>914</u>
15	<u>913</u>
16	<u>905</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>904</u>
18	<u>837</u>
19	<u>902</u>
20	<u>915</u>
21	<u>916</u>
22	<u>911</u>
23	<u>901</u>
24	<u>558</u>
25	<u>649</u>
26	<u>854</u>
27	<u>904</u>
28	<u>906</u>
29	<u>898</u>
30	<u>898</u>
31	<u>N/A</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 09/30/88
COMPLETED BY D. L. Holtzscher
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: September 1988 GROSS HOURS IN REPORTING PERIOD: 720
 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>720</u> | <u>5463</u> | <u>6361.3</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOUPS GENERATOR ON LINE..... | <u>720</u> | <u>5361.7</u> | <u>6260</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)... | <u>1,970,540</u> | <u>14,207,327</u> | <u>16,352,827</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>655,749</u> | <u>4,694,154</u> | <u>5,410,804</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) .. | <u>625,213</u> | <u>4,472,768</u> | <u>5,156,871</u> |
| 12. REACTOR SERVICE FACTOR..... | <u>100%</u> | <u>83.1%</u> | <u>85.1%</u> |
| 13. REACTOR AVAILABILITY FACTOR..... | <u>100%</u> | <u>83.1%</u> | <u>85.1%</u> |
| 14. UNIT SERVICE FACTOR..... | <u>100%</u> | <u>81.5%</u> | <u>83.8%</u> |
| 15. UNIT AVAILABILITY FACTOR..... | <u>100%</u> | <u>81.5%</u> | <u>83.8%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | <u>93.4%</u> | <u>73.1%</u> | <u>74.2%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>93.1%</u> | <u>72.9%</u> | <u>74.0%</u> |
| 18. UNIT FORCED OUTAGE RATE..... | <u>0.0%</u> | <u>3.3%</u> | <u>2.8%</u> |
19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, AND DURATION OF EACH): Refuel Outage, 01/03/89, 69 days
 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> </u>	<u>2/27/87</u>
INITIAL ELECTRICITY (Synchronization)	<u> </u>	<u>4/24/87</u>
COMPLETION OF WARRANTY RUN	<u> </u>	<u>10/09/87</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461
UNIT Clinton 1
DATE 09/30/88
COMPLETED BY D. L. Holtzschler
TELEPHONE (217) 935-8281 X3400

REPORT MONTH September 1988

NO.	DATE	TYPE		DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
22	880903	S		0	B: Reduced power to approximately 60% of rated power to allow control rod pattern adjustment.	1: Manual reduction of reactor recirculation flow and manual insertion of control rods.	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
23	880925	S		0	B: Reduced power to approximately 60% of rated power to allow repair work on feedwater system steam leaks.	1: Manual insertion of control rods and reduction in reactor recirculation flow.	Method 1-Manual 2-Manual Scram 3-Auto Scram 4-Continued

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 refueling March 12, 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, and Maximum Extended Operating Domain (MEOD) Analysis.

- 5) Have 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? Yes

If no such review has taken place, when is it scheduled? N/A

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

The reload license amendment was submitted on September 6, 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.

MEOD Analysis. G.E. "Barrier Fuel" will be used to replace discharged fuel.

- 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 2,522

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-601289
L30-88(10-14)-LP
1A.120

ILLINOIS POWER COMPANY



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

10CFR50.36
RG 1.16

October 14, 1988

Docket No. 50-461

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

Subject: Clinton Power Station, Unit 1
September 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 September 30, 1988.

Sincerely yours,

A handwritten signature in cursive script that reads 'D. L. Holtzscher'.

D. L. Holtzscher
Acting Manager - Licensing and
Safety

GSL/kar

Enclosure

cc: Regional Administrator, Region III, USNRC

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