CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month August 1988

None

IE24
1/1

MONTHLY OPERATING REPORT FORMAT AND INSTRUCTIONS
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461
UNIT Clinton 1
DATE 08/31/88
COMPLETED BY D. L. Holtzscher
TELEPHONE (217) 935-8881 X3400

MONTH August 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	797	17	686
2	780	18	686
3	764	19	671
4	747	20	379
5	748	21	428
6	693	22	651
7	769	23	828
8	756	24	900
9	751	25	911
10	763	26	904
11	762	27	913
12	739	28	879
13	533	29	911
14	642	30	911
15	710	31	912
16	702		

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 08/31/88
COMPLETED BY D. L. Holtzscher
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: August 1988 GROSS HOURS IN REPORTING 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...	744	4743	5641.3
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	744	4641.7	5540
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)...	1,821,992	12,236,787	14,382,287
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	587,547	4,038,405	4,755,055
11. NET ELECTRICAL ENERGY GENERATED (MWH)..	557,325	3,847,555	4,531,658
12. REACTOR SERVICE FACTOR.....	100%	81.0%	83.5%
13. REACTOR AVAILABILITY FACTOR.....	100%	81.0%	83.5%
14. UNIT SERVICE FACTOR.....	100%	79.3%	82.0%
15. UNIT AVAILABILITY FACTOR.....	100%	79.3%	82.0%
16. UNIT CAPACITY FACTOR (Using MDC).....	80.5%	70.7%	72.2%
17. UNIT CAPACITY FACTOR (Using Design MWe)	80.3%	70.4%	71.9%
18. UNIT FORCED OUTAGE RATE.....	0.0%	3.9%	3.3%

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):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		2/27/87
INITIAL ELECTRICITY (Synchronization)		4/24/87
COMPLETION OF WARRANTY RUN		10/09/87

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461
UNIT Clinton 1
DATE 08/31/88
COMPLETED BY D. L. Holtzscher
TELEPHONE (217) 935-8881 X3400

REPORT MONTH August 1988

NO.	DATE	F: S:	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/COMMENTS
19	880806	S		0	B: Reduced power to approximately 70% of rated power to allow repair work on the moisture separator/ reheater.	1: Manual reduction of reactor recirculation flow.	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 Method 1-Manual 2-Manual Scram 3-Auto Scram 4-Continued
20	880813	S		0	B: Reduced power to approximately 60% of rated power to perform surveillance testing and conduct a control rod sequence exchange.	1: Manual insertion of control rods and reduction in reactor recirculation flow.	
21	880820	S		0	B: Reduced power to approximately 50% of rated power to perform repairs on tube leaks in the 3A 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 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-601267
L30-88(09-14)-LP
1A.120

ILLINOIS POWER COMPANY

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

September 14, 1988

10CFR50.36
RG 1.16

Docket No. 50-461

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

Subject: Clinton Power Station, Unit 1
August 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 August 31, 1988.

Sincerely yours,

D. L. Holtzscher

D. L. Holtzscher
Acting Manager - Licensing and
Safety

GSL/kar

Enclosure

cc: Regional Administrator, Region III, USNRC

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