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April 11, 1991

10CFR50.36

Docket No. 50-461

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

Subject:

Clinton Power Station, Unit 1

March 1991 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 March 31, 1991.

Sincerely yours,

F. A. Spangenderg, Ith Manager - Licensing and Safety

TSA/alh

Attachment

cc: NRC Region III Regional Administrator

NRC Resident Office

Illinois Department of Nuclear Safety

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WOA!

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month March 1991

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461

31 907

MONTH	Manah 1001	COMPLETE	OATE 03/31/91 O BY F. A. Spangenberg, II: HONE (217) 935-8881 X3400		
	March 1991				
DAY AVE	(MWe-Net)	DAY AVERAGE DAILY POWER LEVEL (MWe-Net)			
1	0	17	763		
2	0	18	914		
3	0	19	931		
4	0	20	919		
5	0	21	937		
6	0	22	935		
7	0	23	939		
8	0	24	930		
9	16	25	937		
10	157	26	937		
11	224	27	937		
12	296	28	936		
13	294	29	937		
14	363	30	937		

15 602

725

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OPERATING DATA REPORT

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UNIT Clinton 1

DATE 03/31/91

COMPLETED BY F. A. Spangenberg, III

TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

- 1. REPORTING PERIOD: March 1991 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 659	659	18,027.8
6.	REACTOR RESERVE SHUTDOWN HOURS 0.0	0.0	0.0
7.	HOURS GENERATOR ON LINE	538.8	17,239,0
8.	UNIT RESERVE SHUTDOWN HOURS	0.0	0.0
9.	GROSS THERMAL ENERGY GENERATED (MWH) 1,273,880	1,273,880	42,870,789
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH) 414,347	414,347	14,160,431
11.	NET ELECTRICAL ENERGY GENERATED (MWH) 391,464	391,464	13,394,835
12.	REACTOR SERVICE FACTOR	30.5%	61.48
13.	REACTOR AVAILABILITY FACTOR	30,5%	61.48
14.	UNIT SERVICE FACTOR	24.98	58.7%
15.	UNIT AVAILABILITY FACTOR	24.98	58.7%
16.	UNIT CAPACITY FACTOR (Using MDC) 56.6%	19.58	49.18
17.	UNIT CAPACITY FACTOR (Using Design MWe) 56,4%	19.49	48.9%
18.	UNIT FORCED OUTAGE RATE	28.1%	17.48
19.	SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DAT	E. DURATION OF	EACH):

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

None

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461

UNIT Clinton 1

DATE 03/31/91

COMPLETED BY F. A. Spangenberg, III

TELEPHONE _(217) 935-8881 X3400

REPORT MONTH March 1991

NO.	DATE	TYP F: S:		DURATION (HOURS)	REA	SON(1)	SHU	THOD OF UTTING DOWN E REACTOR OR CORRECTIVE ACTIONS OUCING POWER(2) /COMMENTS
90-08	901014		F	194	B:	Forced extension of the second refueling outage to correct deficiencies, including 120 hours to make repairs to misaligned and damaged Residual Heat Removal system suction line pipe hangers, identified during the second refueling outage (RF-2) not related to work originally in the RF-2 scope.	40	Continued shutdown 90-08
91-01	910309		F	16.8	A:	Due to problems experienced while transferring loads to the generator bus, operator manually tripped the turbine	ors	Operators Manually Tripped the Turbine. Reactor power was maintained at approximately 15%. Investigation determined that a transducer was not reinstalled the Unit Auxiliary Transformer during maintenance performed during RF-2.

(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