

CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month March 1987

At 1530 on March 24, 1987 the plant was in cold shutdown for maintenance. During the performance of surveillance CPS 9030.01C015 [Relief Valve-Reactor Pressure B21-N669A(B,E,F) Channel Functional Checklist], Safety Relief Valve F041C actuated several times as the result of a failure in control circuitry. The event is still under investigation. LER 87-019 will be submitted to report the details of the event.

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MONTHLY OPERATING REPORT FORMAT AND INSTRUCTIONS
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461
UNIT Clinton 1
DATE 03/31/87
COMPLETED BY F. A. Spangenberg
TELEPHONE (217) 935-8881 X3400

MONTH March, 1987

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>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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 03/31/87
COMPLETED BY F. A. Spangenberg
TELEPHONE (217) 935-8881 X3400

OPERATING STATUS

1. REPORTING PERIOD: March, 1987 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 144.7 MAX. DEPEND. CAPACITY (MWe-Net): Not Available DESIGN ELECTRICAL RATING (MWe-Net): 933
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 46.6
4. REASONS FOR RESTRICTION (IF ANY): Clinton-1 is in the start-up testing phase and is limited to 5% of rated power.

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL...	<u>506</u>	<u>509</u>	<u>509</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>0</u>	<u>0</u>	<u>0</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)...	<u>4283</u>	<u>4283</u>	<u>4283</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>0</u>	<u>0</u>	<u>0</u>
12. REACTOR SERVICE FACTOR.....	<u>N/A</u>		
13. REACTOR AVAILABILITY FACTOR.....	<u>N/A</u>		
14. UNIT SERVICE FACTOR.....	<u>N/A</u>		
15. UNIT AVAILABILITY FACTOR.....	<u>N/A</u>		
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>N/A</u>		
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>N/A</u>		
18. UNIT FORCED OUTAGE RATE.....	<u>N/A</u>		
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): <u>Maintenance shutdown, September 17, 1987, 21 days.</u>			

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		<u>2/27/87</u>
INITIAL ELECTRICITY (Synchronization)	<u>04/19/87</u>	
COMMERCIAL OPERATION (Warranty Run)	<u>10/19/87</u>	

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-461
 UNIT Clinton I
 DATE 03/31/87
 COMPLETED BY F. A. Spangenberg
 TELEPHONE (217) 935-8881 X3400

REPORT MONTH March, 1987

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
1	03/22/87	F	183	H The Control Room Operators noticed low instrument air header pressure, and control rod drift. These conditions require a manual scram.	2	1) REVISED PROCEDURES TO REQUIRE OPERATORS TO VERIFY INSTRUMENT AIR ISOLATION VALVES TO THE CONTAINMENT ARE OPEN WHEN REQUIRED TO BE. 2) VERIFY LOW PRESSURE ALARM SETPOINT FOR CONTAINMENT INSTRUMENT AIR HEADER IS CORRECT. CHANGE IF NECESSARY.
(1) REASON						
A: EQUIPMENT FAILURE (EXPLAIN)						
B: MAINT. OR TEST						
C: REFUELING						
D: REGULATORY RESTRICTION						
E: OPERATOR TRAINING AND LICENSE EXAMINATION						
F: ADMINISTRATIVE						
G: OPERATIONAL ERROR (EXPLAIN)						
H: OTHER (EXPLAIN)						
(2) METHOD						
1: MANUAL						
2: MANUAL SCRAM						
3: AUTOMATIC SCRAM						
4: OTHER (EXPLAIN)						

SUMMARY:

U- 600903

L30-87(04-15)-L

1A.120

ILLINOIS POWER COMPANY



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

April 15, 1987

Docket No. 50-461

Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Clinton Power Station, Unit 1
March 1987 Monthly Operating Report
NPF-55

Dear Sir:

Please find enclosed the monthly operating report for Clinton Power Station, Unit 1, for the period ending March 31, 1987.

Sincerely yours,

F. A. Spangenberg
Manager - Licensing and Safety

GSL/bsa

Enclosure

cc: Regional Administrator, Region III, USNRC

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