CHALLENGES TO MAIN STEAM SAFETY/RELIEF VALVES

Month November 1989

None

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-461
UNIT Clinton 1
DATE 11/30/89
COMPLETED BY D. L. Holtzscher
TELEPHONE (217) 935-8881 X3400

MONTH November 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	775	17	0
2	778	18	0
3	772	19	0
4	533	20	265
5	725	21	512
6	804	22	576
7	778	23	575
8	779	24	573
9	779	25	573
10	779	26	574
11	742	27	573
12	175	28	572
13	0	29	571
14	0	30	572
15	0	31	N/A
16	0		

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 should be footnoted to explain the apparent anomaly.

OPERATING DATA REPORT

DOCKET NO. 50-461
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DATE 11/30/89
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OPERATING STATUS

1. REPORTING PERIOD: November 1989 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	558.7	3598.0	11,895.7
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7. HOURS GENERATOR ON LINE	545.2	3324.5	11,469.0
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,104,931	7,108,332	28,602,415
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	362,773	2,569,937	9,446,996
11. NET ELECTRICAL ENERGY GENERATED (MWH)	340,975	2,404,733	8,949,578
12. REACTOR SERVICE FACTOR	77.6%	44.9%	67.2%
13. REACTOR AVAILABILITY FACTOR	77.6%	44.9%	67.2%
14. UNIT SERVICE FACTOR	75.7%	41.5%	64.8%
15. UNIT AVAILABILITY FACTOR	75.7%	41.5%	64.8%
16. UNIT CAPACITY FACTOR (Using MDC)	50.9%	32.3%	54.4%
17. UNIT CAPACITY FACTOR (Using Design MWe)	50.8%	32.2%	54.2%
18. UNIT FORCED OUTAGE RATE	0%	35.5%	16.9%

19. SHUTDOWNS SCHEDULED OVER NEXT SIX MONTHS (TYPE, DATE, DURATION OF EACH):
    1. A maintenance outage is scheduled to begin on December 11, 1989 and last approximately 5 days.
    2. An outage is scheduled to begin on February 25, 1990 and last approximately 30 days. The purpose of this outage is to perform work activities which will support or enhance operation through the summer peak and reduce the complexity, alleviate some of the risk, and reduce the duration of the second refueling outage at CPS.
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

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REPORT MONTH November 1989

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS /COMMENTS
8	891104	S	0	H:Reactor power was reduced while changing control rod pattern	4	Recirculation flow was reduced and control rods were inserted.
9	891112	S	174.8	B:Maintenance outage to repair various steam leaks and plant components	1,2	Recirculation flow was reduced and control rods were inserted. At approximately 21% power, a manual scram signal was inserted.
10	891120	F	0	A:Reactor recirculation (RR) loop 'B' flow control valve failure. Reactor power limited to capacity of a single RR loop in operation	4	RR loop 'B' was isolated, reactor power limited to capacity of a single RR loop in operation.

(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