

NRC MONTHLY OPERATING REPORT

SUMMARY OF OPERATIONS

WATERFORD 3

APRIL 1994

The unit operated at an average reactor power of 17.8%, completed Refueling Outage 6, and experienced one (1) Reactor trip during the period.

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PRESSURIZER SAFETY VALVE

FAILURES AND CHALLENGES

WATERFORD 3

During the month of April 1994, there were no pressurizer safety valve failures or challenges.

# OPERATING DATA REPORT

DOCKET NUMBER: 50-382  
UNIT NAME: WATERFORD 3  
DATE OF REPORT: MAY, 1994  
COMPLETED BY: T.S. BECKER  
TELEPHONE: 504-739-6683

## OPERATING STATUS

1. Reporting Period: April, 1994  
Gross Hours in Reporting Period: 719
2. Currently Authorized Power Level (MWt): 3390  
Maximum Dependable Capacity (Net MWe): 1075  
Design Electrical Rating (Net MWe): 1104
3. Power Level to which Restricted (if any) (Net MWe): N/A
4. Reasons for Restriction (if any): N/A  
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	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor was Critical	<u>230.4</u>	<u>1,741.8</u>	<u>62,841.8</u>
6. Reactor Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
7. Hours Generator was On-line	<u>175.0</u>	<u>1,686.3</u>	<u>61,974.5</u>
8. Unit Reserve Shutdown Hours	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
9. Gross Thermal Energy Generated (MWH)	<u>433,275</u>	<u>5,542,602</u>	<u>204,571,079</u>
10. Gross Electrical Energy Generated (MWH)	<u>134,980</u>	<u>1,807,040</u>	<u>68,227,820</u>
11. Net Electrical Energy Generated (MWH)	<u>115,949</u>	<u>1,709,542</u>	<u>65,019,987</u>
12. Reactor Service Factor	<u>32.0</u>	<u>60.5</u>	<u>83.4</u>
13. Reactor Availability Factor	<u>32.0</u>	<u>60.5</u>	<u>83.4</u>
14. Unit Service Factor	<u>24.3</u>	<u>58.6</u>	<u>82.2</u>
15. Unit Availability Factor	<u>24.3</u>	<u>58.6</u>	<u>82.2</u>
16. Unit Capacity Factor (using MDC)	<u>15.0</u>	<u>55.2</u>	<u>80.2</u>
17. Unit Capacity Factor (Using DER)	<u>14.6</u>	<u>53.8</u>	<u>78.1</u>
18. Unit Forced Outage Rate	<u>10.4</u>	<u>1.2</u>	<u>3.4</u>

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## OPERATING DATA REPORT (Con't)

19. Shutdowns Scheduled over next 6 Months (type, date and duration of each):

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20. If Shutdown at end of report period, estimated date of startup:

21. Unit in Commercial Operation

	THIS MONTH	YR TO DATE	CUMULATIVE
22. Hours in Reporting Period	<u>719.0</u>	<u>2879.0</u>	<u>75,384.0</u>
23. Unit Forced Outage Hours	<u>20.3</u>	<u>20.3</u>	<u>2,199.0</u>

24. Nameplate Rating (Gross MWe): 1200

25. If Changes Occur in Capacity Ratings (Items Number 2 and 24) Since Last Report,  
Give Reasons: N/A

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

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 COMPLETED BY: T.S. BECKER  
 TELEPHONE: 504-739-6683

REPORT FOR APRIL, 1994

<u>Number</u>	<u>Date</u>	Type F = Forced S = Scheduled	Duration (Hours)	<u>Reason (1)</u>	Method of Shutting Down the Reactor or Reducing Power (2)	<u>Cause, Comments and Corrective Actions</u>
94-01	940304	S	523.7	C	4	Unit completed Refuel Outage 6
94-02	940426	F	20.3	A	3	The Reactor tripped on low pressurizer pressure which was the result of a mismatch between Reactor and Turbine power. The mismatch occurred when the Reactor Power Cutback System actuated as a result of a failed relay. The cause of the mismatch in power is still under investigation.

## (1) REASON

A = Equipment Failure (explain)  
 B = Maintenance 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 = Continuation from Previous Period  
 5 = Power Reduction  
 6 = Other (explain)