

# OPERATING DATA REPORT

DOCKET NO. 50-295  
 DATE 9-15-82  
 COMPLETED BY J.M. COOK  
 TELEPHONE 312-746-2084  
 EXT. 363

## OPERATING STATUS

1. Unit Name: Zion Unit 1
2. Reporting Period: 0000 820801 to 2400 820831
3. Licensed Thermal Power (MWt): 3250
4. Nameplate Rating (Gross MWe): 1085
5. Design Electrical Rating (Net MWe): 1040
6. Maximum Dependable Capacity (Gross MWe): 1085
7. Maximum Dependable Capacity (Net MWe): 1040
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

Notes

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

SINCE COMMERCIAL  
 OPERATION 12-31-73  
 Cumulative

	This Month	Yr.-to-Date	
11. Hours In Reporting Period	<u>744</u>	<u>5,831</u>	<u>75,983</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>2,490.9</u>	<u>53,447.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2,621.8</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>2,364.7</u>	<u>51,915.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,406,612</u>	<u>7,323,491</u>	<u>148,689,144</u>
17. Gross Electrical Energy Generated (MWH)	<u>784,577</u>	<u>2,387,765</u>	<u>47,913,565</u>
* 18. Net Electrical Energy Generated (MWH)	<u>754,297</u>	<u>2,251,804</u>	<u>45,443,545</u>
19. Unit Service Factor	<u>100.0</u>	<u>40.6</u>	<u>68.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>40.6</u>	<u>68.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.5</u>	<u>37.1</u>	<u>57.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.5</u>	<u>37.1</u>	<u>57.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>40.1</u>	<u>14.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

N/A

Forecast

Achieved

\* Correction to August, 1982, Net Electrical Generation

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(9/77)