

OPERATING DATA REPORT

DOCKET NO. 50-295
 DATE 01-07-83
 COMPLETED BY Gerri Austin
 TELEPHONE 312 746 2084

OPERATING STATUS

1. Unit Name: Zion Unit 1
2. Reporting Period: 0000 82 12 01 To 2400 82 12 31
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

	This Month	Yr.-to-Date	Since Commercial Operation 12-31-73 Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8760</u>	<u>78,912</u>
12. Number Of Hours Reactor Was Critical	<u>74.4</u>	<u>5,318.9</u>	<u>56,275.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2,621.8</u>
14. Hours Generator On-Line	<u>744</u>	<u>5,175.2</u>	<u>54,726.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH) *	<u>1,870,164</u>	<u>15,187,754</u>	<u>156,553,407</u>
17. Gross Electrical Energy Generated (MWH)	<u>606,425</u>	<u>4,946,677</u>	<u>50,472,477</u>
18. Net Electrical Energy Generated (MWH)	<u>575,352</u>	<u>4,695,388</u>	<u>47,887,129</u>
19. Unit Service Factor	<u>100</u>	<u>59.0</u>	<u>69.4</u>
20. Unit Availability Factor	<u>100</u>	<u>59.0</u>	<u>69.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>74.4</u>	<u>51.5</u>	<u>58.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>74.4</u>	<u>51.5</u>	<u>58.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>24.8</u>	<u>14.1</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):	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

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Net generation by unit is subject to round off error.