

OPERATING DATA REPORT

DOCKET NO. 50,295
 DATE 7-1-87
 COMPLETED BY G. Austin
 TELEPHONE 3127462084

OPERATING STATUS

1. Unit Name: Zion Unit 1
2. Reporting Period: 8703010000 TO 8703312400
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:

Notes

NA

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>2160.0</u>	<u>116,136.0</u>
12. Number Of Hours Reactor Was Critical	<u>365.1</u>	<u>365.1</u>	<u>79,573.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>2,621.8</u>
14. Hours Generator On-Line	<u>265.9</u>	<u>265.9</u>	<u>77,324.1</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>416,695</u>	<u>416,695</u>	<u>219,817,913</u>
17. Gross Electrical Energy Generated (MWH)	<u>132,186</u>	<u>132,186</u>	<u>71,002,243</u>
18. Net Electrical Energy Generated (MWH)	<u>111,977</u>	<u>103,220</u>	<u>70,815,695</u>
19. Unit Service Factor	<u>35.7</u>	<u>12.3</u>	<u>66.6</u>
20. Unit Availability Factor	<u>35.7</u>	<u>12.3</u>	<u>66.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>14.5</u>	<u>4.6</u>	<u>58.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>14.5</u>	<u>4.6</u>	<u>58.6</u>
23. Unit Forced Outage Rate	<u>* 0.0</u>	<u>* 0.0</u>	<u>13.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

 _____ NA _____

* Corrections

8707150247 870706
 PDR ADOCK 05000295
 R PDR

(4/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

UNIT NAME

DATE

COMPLETED BY

TELEPHONE

REPORT MONTH

April

50-295

Zion Unit 1

July 1 1987

Geoff Austin

312 336 2383

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
5	870430	S	142.6	A	3	NA	NA	NA	Reactor tripped in hot standby, due to IN31 source range instrument failure.

1 F: Forced
S: Scheduled

2 Reason:

- A-Equipment Failure (Explain)
- B-Maintenance of Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training & License Examination
- F-Administrative
- G-Operational Error (Explain)
- H-Other (Explain)

3

Method

- 1-Manual Scram
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

4

Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

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Exhibit I - Same Source

(9/77)