

OPERATING DATA REPORT

DOCKET NO. 050-0331
DATE 5-15-90
COMPLETED BY Lonnie Miller
TELEPHONE (319) 851-7204

OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: October 1989
3. Licensed Thermal Power (MWt): 1658
4. Nameplate Rating (Gross MWe): 565 (Turbine)
5. Design Electrical Rating (Net MWe): 538
6. Maximum Dependable Capacity (Gross MWe): 565
7. Maximum Dependable Capacity (Net MWe): 538
8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since the Last Report, Give Reasons: N/A

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	Cumulative
11. Hours in Reporting Period	<u>745.0</u>	<u>7296.0</u>	<u>129288.0</u>
12. Number of Hours Reactor Was Critical	<u>227.1</u>	<u>5855.6</u>	<u>92804.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>192.8</u>
14. Hours Generator On-Line	<u>196.4</u>	<u>5537.6</u>	<u>90179.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>295190.4</u>	<u>8414616.6</u>	<u>118454285.2</u>
17. Gross Electrical Energy Generated (MWH)	<u>98944.0</u>	<u>2850651.0</u>	<u>39782877.0</u>
18. Net Electrical Energy Generated (HWH)	<u>88677.7</u>	<u>2666452.9</u>	<u>37289739.7</u>
19. Unit Service Factor	<u>26.4</u>	<u>75.9</u>	<u>69.8</u>
20. Unit Availability Factor	<u>26.4</u>	<u>75.9</u>	<u>69.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>22.1</u>	<u>67.9</u>	<u>53.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>22.1</u>	<u>67.9</u>	<u>53.6</u>
23. Unit Forced Outage Rate	<u>73.6</u>	<u>17.0</u>	<u>14.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each: <u>N/A</u>)			
25. If Shutdown at End of Report Period, Est. Date of Startup: <u>N/A</u>			

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