

OPERATING DATA REPORT

DOCKET NO. 050-0331  
 DATE 8-15-88  
 COMPLETED BY Lonnie Miller  
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OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: June 1988
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): 545
7. Maximum Dependable Capacity (Net MWe): 515
8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since the Last Report, Give Reasons: Item 6 and 7 above will change throughout the year to reflect seasonal conditions.
9. Power Level to Which Restricted, If Any (Net MWe): \_\_\_\_\_
10. Reasons for Restrictions, If Any: \_\_\_\_\_

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	<u>720.0</u>	<u>4367.0</u>	<u>117575.0</u>
12. Number of Hours Reactor Was Critical	<u>699.2</u>	<u>4346.2</u>	<u>84684.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>192.8</u>
14. Hours Generator On-Line	<u>676.9</u>	<u>4323.9</u>	<u>82579.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MMH)	<u>1071100.8</u>	<u>6952809.4</u>	<u>106990125.4</u>
17. Gross Electrical Energy Generated (MMH)	<u>359310.0</u>	<u>2365738.0</u>	<u>35925566.0</u>
18. Net Electrical Energy Generated (MMH)	<u>337912.9</u>	<u>2235744.8</u>	<u>33681136.4</u>
19. Unit Service Factor	<u>94.0</u>	<u>99.0</u>	<u>70.2</u>
20. Unit Availability Factor	<u>94.0</u>	<u>99.0</u>	<u>70.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.1</u>	<u>99.4</u>	<u>55.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>87.2</u>	<u>95.2</u>	<u>53.2</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>14.5</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each): <u>Refuel Outage, September 29, 1988, 2 months</u>			
25. If Shutdown at End of Report Period, Est. Date of Startup: _____			

(9/77)

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