

# OPERATING DATA REPORT

DOCKET NO. 050-0331  
DATE 12-15-90  
COMPLETED BY Hai Tran  
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## OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: October 1990 (Revision 1)
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>138048.0</u>
12. Number of Hours Reactor Was Critical	<u>696.0</u>	<u>5296.5</u>	<u>99166.1</u>
13. Reactor Reserve Shutdown Hours	<u>.0</u>	<u>.0</u>	<u>192.8</u>
14. Hours Generator On-Line	<u>689.0</u>	<u>5182.4</u>	<u>96390.4</u>
15. Unit Reserve Shutdown Hours	<u>.0</u>	<u>.0</u>	<u>.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>845964.0</u>	<u>7516152.0</u>	<u>127596986.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>279447.0</u>	<u>2500641.0</u>	<u>42836161.0</u>
18. Net Electrical Energy Generated (MWH)	<u>259739.9</u>	<u>2337286.2</u>	<u>40143415.8</u>
19. Unit Service Factor	<u>92.5</u>	<u>71.0</u>	<u>69.8</u>
20. Unit Availability Factor	<u>92.5</u>	<u>71.0</u>	<u>70.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>64.8</u>	<u>59.5</u>	<u>56.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>64.8</u>	<u>59.5</u>	<u>54.1</u>
23. Unit Forced Outage Rate	<u>7.5</u>	<u>6.4</u>	<u>14.0</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>			

(9/77)