

# OPERATING DATA REPORT

DOCKET NO. 050-0331  
DATE 5-15-90  
COMPLETED BY Hai Tran  
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## OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: January 1990
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>744.0</u>	<u>744.0</u>	<u>131496.0</u>
12. Number of Hours Reactor Was Critical	<u>744.0</u>	<u>744.0</u>	<u>94613.6</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>192.8</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>744.0</u>	<u>91952.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1212408.0</u>	<u>1212408.0</u>	<u>121293242.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>411096.0</u>	<u>411096.0</u>	<u>40746616.0</u>
18. Net Electrical Energy Generated (MWH)	<u>387857.9</u>	<u>387857.9</u>	<u>38193987.5</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>69.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>70.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.9</u>	<u>96.9</u>	<u>54.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.9</u>	<u>96.9</u>	<u>54.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>14.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each: <u>Cycle 10/11 refuel outage June 28, 1990 - 2 months</u> )			
25. If Shutdown at End of Report Period, Est. Date of Startup:			

(9/77)

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FOR ADDOCK 05000331  
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