

# OPERATING DATA REPORT

DOCKET NO. 050-0331  
DATE 11-15-91  
COMPLETED BY Hai Tran  
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## OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: January 1991 (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): 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: The Gross and net maximum dependable capacities have been changed to reflect the current plant condition
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>140256.0</u>
12. Number of Hours Reactor Was Critical	<u>562.4</u>	<u>562.4</u>	<u>101073.2</u>
13. Reactor Reserve Shutdown Hours	<u>.0</u>	<u>.0</u>	<u>192.8</u>
14. Hours Generator On-Line	<u>519.5</u>	<u>519.5</u>	<u>98227.7</u>
15. Unit Reserve Shutdown Hours	<u>.0</u>	<u>.0</u>	<u>.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>834129.6</u>	<u>834129.6</u>	<u>130555363.6</u>
17. Gross Electrical Energy Generated (MWH)	<u>278775.0</u>	<u>278775.0</u>	<u>43832666.0</u>
18. Net Electrical Energy Generated (MWH)	<u>260291.5</u>	<u>260291.5</u>	<u>41077992.7</u>
19. Unit Service Factor	<u>69.8</u>	<u>69.8</u>	<u>70.0</u>
20. Unit Availability Factor	<u>69.8</u>	<u>69.8</u>	<u>70.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>67.9</u>	<u>67.9</u>	<u>56.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>65.0</u>	<u>65.0</u>	<u>54.4</u>
23. Unit Forced Outage Rate	<u>8.6</u>	<u>8.6</u>	<u>13.8</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)

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