

OPERATING DATA REPORT

DOCKET NO. 050-0331
DATE 5-15-90
COMPLETED BY Lonnie Miller
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OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: May 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>744.0</u>	<u>3623.0</u>	<u>125615.0</u>
12. Number of Hours Reactor Was Critical	<u>744.1</u>	<u>3204.4</u>	<u>90152.9</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>192.8</u>
14. Hours Generator On-Line	<u>741.3</u>	<u>2933.0</u>	<u>87574.6</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>826528.8</u>	<u>4224878.4</u>	<u>114264547.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>272251.0</u>	<u>1430912.0</u>	<u>38363138.0</u>
18. Net Electrical Energy Generated (MWH)	<u>252835.9</u>	<u>1337569.3</u>	<u>35960856.2</u>
19. Unit Service Factor	<u>99.7</u>	<u>81.0</u>	<u>69.7</u>
20. Unit Availability Factor	<u>99.7</u>	<u>81.0</u>	<u>69.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>63.2</u>	<u>68.6</u>	<u>53.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>63.2</u>	<u>68.6</u>	<u>53.2</u>
23. Unit Forced Outage Rate	<u>0.4</u>	<u>13.3</u>	<u>14.2</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each: <u>October, 1989, Planned Maintenance and Testing</u>			
25. If Shutdown at End of Report Period, Est. Date of Startup: <u>N/A</u>			

(9/77)

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