

## OPERATING DATA REPORT

REVISION 1

DOCKET NO. 050-0331DATE 9-15-84COMPLETED BY Ken S. PutnamTELEPHONE 319-851-7456OPERATING STATUS

Notes

1. Unit Name Duane Arnold Energy Center
2. Reporting Period May, 1984
3. Licensed Thermal Power (MWt): 1658
4. Nameplate Rating (Gross MWe): 565
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:

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>744.0</u>	<u>3647.0</u>	<u>81791.0</u>
12. Number of Hours Reactor Was Critical	<u>390.2</u>	<u>2732.6</u>	<u>58667.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>388.8</u>	<u>2689.0</u>	<u>57131.7</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>451809</u>	<u>3975369</u>	<u>71723931</u>
17. Gross Electrical Energy Generated (MWH)	<u>153533</u>	<u>1352158</u>	<u>24046215</u>
18. Net Electrical Energy Generated (MWH)	<u>143678</u>	<u>1275141</u>	<u>22513731</u>
19. Unit Service Factor	<u>52.3</u>	<u>73.7</u>	<u>69.9</u>
20. Unit Availability Factor	<u>52.3</u>	<u>73.7</u>	<u>69.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>37.5</u>	<u>67.9</u>	<u>53.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>35.9</u>	<u>65.0</u>	<u>51.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>18.3</u>	<u>17.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Maintenance outage beginning May 16, 1984, lasting 2 to 4 weeks.25. If Shut Down At End Of Report Period, Estimated Date of Startup: June 15, 1984

\* Turbine Rating: 565.7 MWe

Generator Rating: 663.5 (MVA) x .90 (Power Factor) = 597 MWe

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