

OPERATING DATA REPORT

REVISION 1

DOCKET NO. 050-0331

DATE 9-15-84

COMPLETED BY Ken S. Putnam

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OPERATING STATUS

1. Unit Name Duane Arnold Energy Center
2. Reporting Period June, 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

Notes

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>720.0</u>	<u>4367.0</u>	<u>82511.0</u>
12. Number of Hours Reactor Was Critical	<u>295.9</u>	<u>3028.5</u>	<u>58963.5</u>
13. Reactor Reserve Shutdown Hours	<u>150.3</u>	<u>150.3</u>	<u>150.3</u>
14. Hours Generator On-Line	<u>241.5</u>	<u>2930.5</u>	<u>57373.2</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>293287</u>	<u>4268656</u>	<u>72017219</u>
17. Gross Electrical Energy Generated (MWH)	<u>93034</u>	<u>1445192</u>	<u>24139249</u>
18. Net Electrical Energy Generated (MWH)	<u>86750</u>	<u>1361891</u>	<u>22600481</u>
19. Unit Service Factor	<u>33.5</u>	<u>67.1</u>	<u>69.5</u>
20. Unit Availability Factor	<u>33.5</u>	<u>67.1</u>	<u>69.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>23.4</u>	<u>60.6</u>	<u>53.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>22.4</u>	<u>58.0</u>	<u>50.9</u>
23. Unit Forced Outage Rate	<u>35.7</u>	<u>20.1</u>	<u>17.4</u>

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

* Turbine Rating: 565.7 MWe

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