

# OPERATING DATA REPORT

DOCKET NO. 050-0331  
DATE 5-15-90  
COMPLETED BY Lonnie Miller  
TELEPHONE (319) 851-7204

## OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: March 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>2160.0</u>    | <u>124152.0</u>    |
| 12. Number of Hours Reactor Was Critical  | <u>506.1</u>    | <u>1741.4</u>    | <u>88689.9</u>     |
| 13. Reactor Reserve Shutdown Hours  | <u>0</u>        | <u>0</u>         | <u>192.8</u>       |
| 14. Hours Generator On-Line   | <u>480.3</u>    | <u>1482.6</u>    | <u>86124.2</u>     |
| 15. Unit Reserve Shutdown Hours   | <u>0</u>        | <u>0</u>         | <u>0</u>           |
| 16. Gross Thermal Energy Generated (MWH)  | <u>756976.8</u> | <u>2238304.8</u> | <u>112277973.4</u> |
| 17. Gross Electrical Energy Generated (MWH)   | <u>260381.0</u> | <u>762560.0</u>  | <u>37694786.0</u>  |
| 18. Net Electrical Energy Generated (MWH)   | <u>243794.2</u> | <u>711279.0</u>  | <u>35334565.9</u>  |
| 19. Unit Service Factor   | <u>64.6</u>     | <u>68.6</u>      | <u>69.4</u>        |
| 20. Unit Availability Factor  | <u>64.6</u>     | <u>68.6</u>      | <u>69.5</u>        |
| 21. Unit Capacity Factor (Using MDC Net)  | <u>60.9</u>     | <u>61.2</u>      | <u>52.9</u>        |
| 22. Unit Capacity Factor (Using DER Net)  | <u>60.9</u>     | <u>61.2</u>      | <u>52.9</u>        |
| 23. Unit Forced Outage Rate   | <u>4.8</u>      | <u>22.9</u>      | <u>14.4</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)

9005220024 900515  
PDR AD0CK 05000331  
R PDC