

OPERATING DATA REPORT

REVISION 1

DOCKET NO. 050-0331

DATE 9-15-84

COMPLETED BY Ken S. Putnam

TELEPHONE 319-851-7456

OPERATING STATUS

Notes

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
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	720.0	4367.0	82511.0
12. Number of Hours Reactor Was Critical	295.9	3028.5	58963.5
13. Reactor Reserve Shutdown Hours	150.3	150.3	150.3
14. Hours Generator On-Line	241.5	2930.5	57373.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	293287	4268656	72017219
17. Gross Electrical Energy Generated (MWH)	93034	1445192	24139249
18. Net Electrical Energy Generated (MWH)	86750	1361891	22600481
19. Unit Service Factor	33.5	67.1	69.5
20. Unit Availability Factor	33.5	67.1	69.5
21. Unit Capacity Factor (Using MDC Net)	23.4	60.6	53.2
22. Unit Capacity Factor (Using DER Net)	22.4	58.0	50.9
23. Unit Forced Outage Rate	35.7	20.1	17.4
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

8409270689 840915
PDR ADOCK 05000331
R PDR

(9/77)