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 HAMMOND,E.L. Iowa Electric Light & Power Co.
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SUBJECT: Forwards corrected operating data rept section of monthly
 operating repts for May,June,Jul & Aug 1979.

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Iowa Electric Light and Power Company

October 18, 1979
DAEC-79-283

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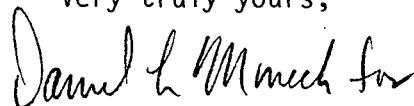
Subject: Corrections to Monthly Operating Reports

File: A-118d

Dear Sirs:

Please find attached 10 corrected copies of the Operating Data Report section of the Monthly Operating Report for the months of May, June, July and August, 1979. Distribution has been made in accordance with Regulatory Guide 10.1.

Very truly yours,



Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/JVS/lh
Encl.

cc: D. Arnold
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Washington, D. C. 20555 (2)

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5/11

OPERATING DATA REPORT

DOCKET NO. 050-0331
 DATE 6-14-79
 COMPLETED BY J. Van Sickle
 TELEPHONE 319-851-5611

OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: May, 1979
3. Licensed Thermal Power (MWt): 1658
- * 4. Nameplate Rating (Gross MWe): 565 (Turbine Rating)
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 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	744	3,623	37,943
12. Number Of Hours Reactor Was Critical	727.8	1,980.2	25,593
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	715.3	1,891.2	24,878.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	931,464	2,491,272	30,552,912
17. Gross Electrical Energy Generated (MWH)	332,659	874,218	10,211,647
18. Net Electrical Energy Generated (MWH)	312,956	822,170	9,538,470
19. Unit Service Factor	96.1%	52.2%	65.6%
20. Unit Availability Factor	96.1%	52.2%	65.6%
** 21. Unit Capacity Factor (Using MDC Net)	81.7%	44.1%	48.8%
22. Unit Capacity Factor (Using DER Net)	78.2%	42.2%	46.7%
23. Unit Forced Outage Rate	3.9%	47.8%	23.7%
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

** The plant discontinued base loaded operation on 5-12-79 and began load following.

OPERATING DATA REPORT

DOCKET NO. 050-0331
 DATE July 13, 1979
 COMPLETED BY J. Van Sickle
 TELEPHONE 319-851-5611

OPERATING STATUS

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: June, 1979
3. Licensed Thermal Power (MWt): 1658
- * 4. Nameplate Rating (Gross MWe): 565 (Turbine Rating)
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 Last Report, Give Reasons:

Notes

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	4,343	38,663
12. Number Of Hours Reactor Was Critical	720	2,700.2	26,313
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	720	2,611.2	25,598.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,002,096	3,493,368	31,555,008
17. Gross Electrical Energy Generated (MWH)	356,333	1,230,551	10,567,980
18. Net Electrical Energy Generated (MWH)	335,807	1,157,977	9,874,277
19. Unit Service Factor	100%	60.1%	66.2%
20. Unit Availability Factor	100%	60.1%	66.2%
** 21. Unit Capacity Factor (Using MDC Net)	90.6%	51.8%	49.6%
22. Unit Capacity Factor (Using DER Net)	86.7%	49.6%	47.5%
23. Unit Forced Outage Rate	0%	39.9%	23.1%
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

** The plant discontinued load following on 6-29-79 and resumed base loaded operation.

OPERATING DATA REPORT

DOCKET NO. 050-0331
 DATE August 14, 1979
 COMPLETED BY J. Van Sickle
 TELEPHONE 319-851-5611

OPERATING STATUS

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: July, 1979
3. Licensed Thermal Power (MWt): 1658
- * 4. Nameplate Rating (Gross MWe): 565 (Turbine Rating)
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 Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): 510
10. Reasons For Restrictions, If Any: Thermal power limited to approximately 95% due to MCPR Restrictions as of July 21, 1979.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,087	39,407
12. Number Of Hours Reactor Was Critical	664.1	3,364.3	26,977.1
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	657.1	3,268.3	26,255.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	903,792	4,397,160	32,458,800
17. Gross Electrical Energy Generated (MWH)	315,079	1,545,630	10,883,059
18. Net Electrical Energy Generated (MWH)	296,333	1,454,310	10,170,610
19. Unit Service Factor	88.3%	64.2%	66.6%
20. Unit Availability Factor	88.3%	64.2%	66.6%
21. Unit Capacity Factor (Using MDC Net)	77.3%	55.5%	50.1%
22. Unit Capacity Factor (Using DER Net)	74.0%	53.1%	48.0%
23. Unit Forced Outage Rate	11.7%	35.8%	22.9%
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

OPERATING DATA REPORT

DOCKET NO. 050-0331
 DATE Sept. 13, 1979
 COMPLETED BY J. Van Sickle
 TELEPHONE 319-851-5611

OPERATING STATUS

Notes

1. Unit Name: Duane Arnold Energy Center
2. Reporting Period: August, 1979
3. Licensed Thermal Power (MWt): 1658
- * 4. Nameplate Rating (Gross MWe): 565 (Turbine Rating)
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 Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe): 510
10. Reasons For Restrictions, If Any: Thermal power limited to approximately 95% due to MCPR operating limit restrictions.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,831</u>	<u>40,151</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>4,108.3</u>	<u>27,721.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>4,012.3</u>	<u>26,999.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,279,032</u>	<u>5,676,192</u>	<u>33,737,832</u>
17. Gross Electrical Energy Generated (MWH)	<u>379,710</u>	<u>1,925,340</u>	<u>11,262,769</u>
18. Net Electrical Energy Generated (MWH)	<u>357,322</u>	<u>1,811,632</u>	<u>10,527,932</u>
19. Unit Service Factor	<u>100%</u>	<u>68.8%</u>	<u>67.2%</u>
20. Unit Availability Factor	<u>100%</u>	<u>68.8%</u>	<u>67.2%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.3%</u>	<u>60.3%</u>	<u>50.9%</u>
22. Unit Capacity Factor (Using DER Net)	<u>89.3%</u>	<u>57.7%</u>	<u>48.7%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>31.2%</u>	<u>22.4%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
<u>Refueling, February 9, 1979, 12 weeks</u>			

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