REGULATORY FORMATION DISTRIBUTION SYMEM (RIDS)

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HAMMOND, E.L. Iowa Electric Light & Power Co.
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Office of Inspection & Enforcement, Office of the Director

SUBJECT: Forwards corrected operating data rept section of monthly operating repts for May, June, Jul & Aug 1979.

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OCT 2 5 1979

MR

Iowa Electric Light and Power Company

October 18, 1979 DAEC-79-283

Director, Office of Inspection and Enforcement U. S. Nuclear Regulatory Commission Washington, D. C. 20555

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

I h M much for

ELH/JVS/1h Encl.

cc: D. Arnold

S. Tuthhill

J. Wallace

J. Rehnstrom

L. Root

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Director, Office of Management Information

and Program Control

U. S. Nuclear Regulatory Commission

Washington, D. C. 20555 (2)

TELEPHONE

OPF	RAT	NG	STA	TUS

10. Reasons For Restrictions, If Any:

7. Maximum Dep 8. If Changes Occ	endable Capaci cur in Capacity	ty (Net Mwe): Ratings (Items l	Number 3 Thro	ough 7) Sinc	e Last R	eport. Give	Reasons:	·.
 Nameplate Rat Design Electric Maximum Dep 	ing (Gross MWe al Rating (Net l endable Capacid	e):	r A C	<u>tina)</u>	-			
 Reporting Period Licensed Them 	nal Power (MW	t):	1658 Turbine Ra	ting)				•
 Unit Name: Reporting Period 	Duane Arno May,	1979	•.					

	This Month	· Yrto-Date	Cumulative
	744	3,623	37,943
11. Hours In Reporting Period	727.8	1,980.2	25,593
12. Number Of Hours Reactor Was Critical	0	0.:	-0
13. Reactor Reserve Shutdown Hours	715.3	1,891.2	24,878.2
14. Hours Generator On-Line	$\frac{1}{0}$	0	0
15. Unit Reserve Shutdown Hours	931,464	2,491,272	30,552,912
16. Gross Thermal Energy Generated (MWH)	332,659	874,218	10,211,647
17. Gross Electrical Energy Generated (MWH)	312,956	822,170	9,538,470
18. Net Electrical Energy Generated (MWH)	96.1%	52,2%	65.6%
19. Unit Service Factor	96.1%	52.2%	65.6%
20. Unit Availability Factor	81,7%	44.1%	48.8%
21. Unit Capacity Factor (Using MDC Net)	78.2%	42.2%	46.7%
22. Unit Capacity Factor (Using DER Net)	3.9%	47.8%	23.7%
23. Unit Forced Outage Rate24. Shutdowns Scheduled Over Next 6 Months (Type.		of Each):	

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

565.7 MWe Turbine Rating:

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

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

DATE DATE July 13, 1979

COMPLETED BY 1. Van Sickel

TELEPHONE 319-851-5611

OPERATING STATUS	-		
I Unit Name: Duane Arnold Energy Co	enter	Notes	•
1. Olit Name.			
Z. Itepotting		•	•
3. Licensed Thermal Power (MWt): 1658 565 (Turb)	ine Rating)		•
4. Nameplate Rating (Gross MWe): 565 (Turb) 58 Delice Floring (Net MWe): 538	THE RESULTING		
5. Design Electrical Raining (Net live).	545		
6. Maximum Dependable Capacity (Gross MWe): _	515		
7. Maximum Dependable Capacity (Net MWe):		L. A. D A. C' D.	
8. If Changes Occur in Capacity Ratings (Items Nun	iber 3 I hrough / J Since	E Last Report, Give Re	2301151
9. Power Level To Which Restricted, If Any (Net M	We)		
10. Reasons For Restrictions, If Any:			•
10. Reasons For Restrictions, it Any:			
		· · · · · · · · · · · · · · · · · · ·	
	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	7 20	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	7 20	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 (Typ	e Date and Duration o	f Each):	
24. Shatuowiis Scheduled Over Next o months (1)p			

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.

DOCKET NO.

DATE

COMPLETED BY
TELEPHONE

D50-0331

August 14, 1979

J. Van Sickel

319-851-5611

OPERATING STATUS	_		····
Duane Arnold Energy C	e nter	Notes	
1. Unit Name:			•
2. Reporting Period:			•
3. Licensed Thermal Power (Mint).	ine Rating)	•	
4. Nameplate letting (Gress 11116)	538		
5. Design Electrical Rating (Net MWe):	545		-
6. Maximum Dependable Capacity (Gross MWe): -	515		
7. Maximum Dependable Capacity (Net MWe): -		D C' . D	
8. If Changes Occur in Capacity Ratings (Items Nur	mber 3 Through 7) Since	e Last Report, Give Rea	sons:
		·	
	(We). 510		
9. Power Level To Which Restricted, If Any (Net M.		o approvimately	95% due to
10. Reasons For Restrictions, If Any: Thermal	1070	o approximatery	35% dae 60
MCPR Restrictions as of July 21.	, 1979.		
	This Month	Yrto-Date	Cumulative
I1. 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
	0	0	0
15. Unit Reserve Shutdown Hours	903,792	4,397,160	32,458,800
16. Gross Thermal Energy Generated (MWH)	315.079	1,545,630	10,883,059
17. Gross Electrical Energy Generated (MWH)	296,333	1,454,310	10,170,610
18. Net Electrical Energy Generated (MWH)	88.3%	64.2%	66.6%
19. Unit Service Factor	88.3%	64.2%	66.6%
20. Unit Availability Factor	77.3%	55.5%	50.1%
21. Unit Capacity Factor (Using MDC Net)	74.0%	53.1%	48.0%
22. Unit Capacity Factor (Using DER Net)		35.8%	22.9%
	11.7%		LL. 370
23. Unit Forced Outage Rate			
23. Unit Forced Outage Rate24. Shutdowns Scheduled Over Next 6 Months (Ty			-

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

DOCKET NO. 050-0331

DATE Sept. 13, 1979

COMPLETED BY J. Van Sickel

TELEPHONE 319-851-5611

OPERATING STATUS			
	ntox	Notes	
1. Unit Name: Duane Arnold Energy Ce August, 1979	inter	•	
2 Penarting Period:			
3. Licensed Thermal Power (MWt): 1658	oine Rating)	· · · · · · · · · · · · · · · · · · ·	
4. Nameplate Rating (Gross Mive).	38		
5. Design Electrical Rating (Net MWe):	545		
6. Maximum Dependable Capacity (Gross MWe):	515	•	
Maximum Dependable Canacity (Net MWe):			
8. If Changes Occur in Capacity Ratings (Items Nu	mber 3 Through 7) Since	e Last Report, Give Ro	casons:
• 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
The state of the s		•	
9. Power Level To Which Restricted, If Any (Net I	MWe): 510		7 050 4
10 Persons For Restrictions If Any: Inern	ar power infitted	to approximate	ly 95% due
to MCPR operating limit restricti	ons.		
	This Month	- Yrto-Date	Cumulative
			Cumulative
11. Hours In Reporting Period	744	5,831	
12. Number Of Hours Reactor Was Critical			40,151
12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours	744 744 0	5,831 4,108.3 0	40,151 27,721.1
12. Number Of Hours Reactor Was Critical13. Reactor Reserve Shutdown Hours14. Hours Generator On-Line	744 744	5,831 4,108.3	40,151 27,721.1 0 26,999.3 0
 Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours 	744 744 0 744 0	5,831 4,108.3 0 4,012.3	40,151 27,721.1 0 26,999.3
 Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) 	744 744 0 744 0 1,279,032	5,831 4,108.3 0 4,012.3 0	40,151 27,721.1 0 26,999.3 0
 Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) 	744 744 0 744 0 1,279,032 379,710	5,831 4,108.3 0 4,012.3 0 5,676,192	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932
12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH)	744 744 0 744 0 1,279,032	5,831 4,108.3 0 4,012.3 0 5,676,192 1,925,340	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932 67.2%
12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor	744 744 0 744 0 1,279,032 379,710 357,322	5,831 4,108.3 0 4,012.3 0 5,676,192 1,925,340 1,811,632	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932 67.2% 67.2%
 Number Of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor Unit Availability Factor 	744 744 0 744 0 1,279,032 379,710 357,322 100%	5,831 4,108.3 0 4,012.3 0 5,676,192 1,925,340 1,811,632 68.8%	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932 67.2%
12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor 20. Unit Availability Factor 21. Unit Capacity Factor (Using MDC Net)	744 744 0 744 0 1,279,032 379,710 357,322 100% 100% 93,3%	5,831 4,108.3 0 4,012.3 0 5,676,192 1,925,340 1,811,632 68.8% 68.8%	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932 67.2% 67.2%
12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor 20. Unit Availability Factor 21. Unit Capacity Factor (Using MDC Net) 22. Unit Capacity Factor (Using DER Net)	744 744 0 744 0 1,279,032 379,710 357,322 100% 100%	5,831 4,108.3 0 4,012.3 0 5,676,192 1,925,340 1,811,632 68.8% 68.8% 60,3%	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932 67.2% 67.2% 50.9%
12. Number Of Hours Reactor Was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor 20. Unit Availability Factor 21. Unit Capacity Factor (Using MDC Net)	744 744 0 744 0 1,279,032 379,710 357,322 100% 100% 93,3% 89,3% 0%	5,831 4,108.3 0 4,012.3 0 5,676,192 1,925,340 1,811,632 68.8% 68.8% 60.3% 57.7% 31.2%	40,151 27,721.1 0 26,999.3 0 33,737,832 11,262,769 10,527,932 67.2% 67.2% 50.9% 48.7%

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