OPERATING DATA REPORT

DOCKET NO. DATE COMPLETED BY TELEPHONE 319-851-5611

OPERATING STATUS

L Unit Name: Duane Arnold Energy Center	Notes
1. Unit Name Sontombor 1078	
2. Reporting Period:	
3. Licensed Thermal Power (MWt):1658	
4. Nameplate Rating (Gross MWe): <u>565 (Turbine Rating)</u>	
5. Design Electrical Rating (Net MWe): 538	
6. Maximum Dependable Capacity (Gross MWe): 545	
7. Maximum Dependable Capacity (Net MWe):	L

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	Yrto-Date	Cumulative
11 Hours In Deporting Period	720	6,551	32,111
12 Number Of Hours Booston Was Critical	0	3,058.8	23,612.8
12. Reactor Deserve Chutdown Hours	0	0	0
14. Hours Conceptor On Line	0	2,904,3	22,987
14. Hours Generator On-Line	0	0	0
16. Cross Thermal Energy Congrated (MWH)	0	3,956,424	28,061,640
17 Gross Flactrical Energy Generated (MWH)	0	1,307,325	9,337,429
18 Net Electrical Energy Generated (MWH)	0	1,227,561	8,716,300
19. Unit Service Factor	0%	44.3%	71.6%
20 Unit Availability Factor	0%	44.3%	71.6%
21 Unit Canacity Factor (Using MDC Net)	0%	36.4%	52.7%
22. Unit Canacity Factor (Using DER Net)	0%	34.8%	50.5%
23. Unit Forced Outage Rate	100%	47.7%	14.1%
24 Shutdowns Scheduled Over Next 6 Months (Ty	ne. Date, and Duratio	n of Each):	

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 1, 1978

*Turbine Rating: 565.7 MWe

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

AVERAGE DAILY UNIT POWER LEVE

DOCKET NO. 050-0331 UNIT Duane Arnold Energy Center DATE October 11, 1978 COMPLETED BY J. Van Sickel TELEPHONE 319-851-5611

(9/77)

MONT	HSeptember, 1978		
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
I	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22 -	<u> </u>
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
-	0	27	0.
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	
14	0		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.

050-0331 UNIT NAME DATE COMPLETED BY TELEPHONE DUANE Arnold Energy October 11, 1978 J. Van Sickel 319-851-5611

REPORT MONTH September

No.	Date	Type ¹	Duration (Hours)	2 Keason	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Cude ⁵	Cause & Corrective Action to Prevent Recurrence
12 '	780617	F	720	A	3	78-030	СВ	PIPEXX	Continuation of previous shutdown to replace recirculation system inlet nozzle safe ends.
· · ·									
1 2 F: Forced Reason: S: Scheduled A-Equipment Failure (Explain) B-Maintenance of Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error (Explain) (9/77) H-Other (Explain)				3 mination	1 Metho 1-Manu 2-Manu 3-Auto 4-Othe	l ual ual Scram. omatic Scram. r (Explain)	4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG- 0161) 5 Exhibit 1 - Same Source		



Docki	et Ņo.	- 05	<u>U-03</u> .	>1		
Unit	Duar	e Ar	nold	Ene	rqy	Center
Da	Octo	ber	Π, Ι	978		
Comp	leted	by _	J. V.	an S	icka	21
Tele	phone	319	-851	-561	1	

NARRATIVE SUMMARY OF OPEPATING EXPERIENCE

No significant operational events occurred during September. The plant remained in the cold shutdown condition with all fuel removed from the reactor to facilitate replacement of all eight recirculation system inlet nozzle safe ends.

REFUELING INFORMATION

Unit Duane Arnold Energy Date Oct. 11, 1978 Cente Completed by J. VanSicke Telephone <u>319-851-5611</u>

050-0331

DOCKET NO.

1. Name of facility.

A. Duane Arnold Energy Center

- Scheduled date for next refueling shutdown.
 A. Unknown. Under review due to present extended outage.
- Scheduled date for restart following refueling.
 A. Unknown. Under review due to present extended outage.
- 4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
 - A. MCPR and MAPLHGR operating limits as derived from transient and accident analyses.
- 5. Scheduled date(s) for submitting proposed licensing action and supporting information.

A. Unknown.

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

A. The reload will consist of up to 100 8 x 8 2 water rod bundles.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

A. a) 0 b) 644

- 8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.
 - A. 2050
- 9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

A. 1998

Docket No. 050-0331 Unit <u>Duane Arnold Energy</u> Date <u>October 11, 1978 Center</u> Completed by <u>J. Van Sickel</u> Telephone <u>319-851-5611</u>

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MAJOR SAFETY RELATED MAINTENANCE

DATE	SYSTEM	COMPONENT	DESCRIPTION
9-5-78	Control Building H & V	"B" Control Building Stardby Filter Unit	Replaced HEPA filter
9-8-78	Core Spray	PI-2126	Replaced coil assembly and recalibrated
9 - 8-78	Neutron Monitoring	LPRM 40-17C	Replaced potentiometer
9-11-78	Primary Containment H & V	PRV 4302A	Replaced diaphram
9-23-78	Standby Diesel Generators	1KlOC Relief Valve	. Replaced diesel air compressor relief valve
9-26 -7 8	Containment Atmospheric Dilution	PCV-4320A	Replaced valve seat
9-26-78	Containment Atmospheric Dilution	PCV-4320B	Replaced valve seat
9-26-78	Containment Atmospheric Dilution	PCV-4323A	Replaced valve seat
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