

## Enforcement & Compliance History Online (ECHO)

## **Detailed Facility Report**



Report Error



For Public Release - Unrestricted Dissemination Report Generated on 07/17/2009
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

### **Facility Permits and Identifiers**

**Data Dictionary** 

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110000612052	FPL ENERGY DUANE ARNOLD, LLC	3277 DAEC RD	PALO	IA	52324
CAA	AFS	1911300072	DUANE ARNOLD ENERGY CENTER	3277 DAEC ROAD	PALO	IA	52324
CWA	PCS	IA0003727	NEXTERA ENERGY DUANE ARNOLD, LR	3277 DAEC ROADP.O. BOX 351	PALO	IA	52324
RCRA	RCR	IAD984566133	DUANE ARNOLD ENERGY CENTER	3277 DAEC RD	PALO	IA	52324

## **Facility Characteristics**

**Data Dictionary** 

Statute	Source ID	Universe	Status	Areas	Permit Expiration Date	Latitude/ Longitude	Indian Country?	SIC Codes	NAICS Codes
	110000612052					LRT: 42.101101 , -91.778802	No		
CAA		Synthetic Minor (Fed. Rep.)	Operating	SIP			NA	4911	
CWA	IA0003727	Major	Active		07/05/2009	42.1021 , -91.7767	No	4911	
RCRA	IAD984566133	Operating TSDF SQG	Active (HP)			42.1011 , -91.7788	No	4911 8748	221113

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

Permit documents for NPDES permit IA0003727 are available online: Final permit, Fact sheet

For the RCRA program, activities that contribute to an overall facility status of Active are displayed in parentheses using the acronym HPACS, where H indicates handler activities, P - permitting, A - corrective action, C - converter, and S - state-specific. More information is available in the Data Dictionary.

## **Inspection and Enforcement Summary Data**

**Data Dictionary** 

Statute	Source ID	Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CAA	1911300072	1	10/28/2005	0	\$00
CWA	IA0003727	2	05/30/2007	0	\$00
RCRA	IAD984566133	6	10/17/2007	0	\$00

## **Compliance Monitoring History (05 years)**

**Data Dictionary** 

Statute	Source ID	Inspection Type	Lead Agency	Date	Finding
CAA	1911300072	STATE PCE/ON-SITE	State	10/02/2005	
CAA	1911300072	STATE CONDUCTED FCE/ON-SITE	State	10/28/2005	
CWA	IA0003727	COMPLIANCE EVAL (NON-SAMPLING)	State	07/21/2005	
CWA	IA0003727	COMPLIANCE EVAL (NON-SAMPLING)	State	05/30/2007	
RCRA	IAD984566133	FINANCIAL RECORD REVIEW	EPA-Contracto	09/30/2004	Undetermined, Agency May Still be Determining
RCRA	IAD984566133	FINANCIAL RECORD REVIEW	EPA	02/09/2005	No Violations Or Compliance Issues Were Found
RCRA	IAD984566133	COMPLIANCE EVALUATION INSPECTION ON-SITE	EPA-Contracto	08/16/2005	Violations Or Compliance Issues Were Found

RCRA	IAD984566133	FINANCIAL RECORD REVIEW	EPA	03/27/2006	No Violations Or Compliance Issues Were Found
RCRA	IAD984566133	COMPLIANCE EVALUATION INSPECTION ON-SITE	EPA-Contracto	08/31/2006	Violations Or Compliance Issues Were Found
RCRA	IAD984566133	FINANCIAL RECORD REVIEW	EPA	10/17/2007	No Violations Or Compliance Issues Were Found

Entries in italics are not considered inspections in official counts.

#### **Compliance Summary Data**

**Data Dictionary** 

Information on the nature of alleged violations is available on the FAQ page.

Statute	Source ID	Current SNC/HPV?	Description	Current As Of	Qtrs in NC (of 12)	
CAA	1911300072	NO		06/13/2009		
CWA	IA0003727	NO		Jan-Mar09	6	
RCRA	IAD984566133	No		06/09/2009	1	

#### **Three Year Compliance Status by Quarter**

**Data Dictionary** 

Violations shown in a given quarter do not necessarily span the entire 3 months. Information on the nature of <u>alleged violations</u> is available on the FAQ page, and information on the duration of non-compliance is available at the end of this report.

	AIR Compliance Status											
Statute:Source ID CAA: 1911300072	Jul-	QTR2 Oct- Dec06	QTR3 Jan- Mar07		Jul-	QTR6 Oct- Dec07	QTR7 Jan- Mar08	QTR8 Apr- Jun08		QTR10 Oct-Dec08	QTR11 Jan-Mar09	QTR12 Apr-Jun09
HPV History												
Program/Pollutant i	Program/Pollutant in Current Violation											
SIP	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT	C-CERT		C- PROCED	C- PROCED	C- PROCED

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs" means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. C=Compliance; V=Violation; S=Compliance Schedule.

				CW	A/NPDES	Complia	nce Statu	ıs					
Statute:Source ID CWA:IA0003727		QTR1 Apr- Jun06	QTR2 Jul- Sep06	QTR3 Oct- Dec06	QTR4 Jan- Mar07	QTR5 Apr- Jun07	QTR6 Jul- Sep07	QTR7 Oct- Dec07	QTR8 Jan-Mar08	QTR9 Apr- Jun08	QTR10 Jul- Sep08	QTR11 Oct- Dec08	QTR12 Jan- Mar09
Non-compliance in Quarter		No	Yes	No	Yes	Yes	No	Yes	No	No	Yes	Yes	No
SNC/RNC Status »								E (EffViol)	R (Resolvd)	N/A	N/A		
Effluent Violations by NPDES Page 1	aramet	er: Get vi	olation ch	arts: <u>all vi</u>	olations cu	ıstom (clid	k on para	meter name	es for individ	ual paran	neter chart	s)	
					Discha	rge point	:001						
<u>PH</u>	NMth				2%								
CHLORINE, TOTAL RESIDUAL	NMth		80%										
					Discha	rge point	:002						
SOLIDS, TOTAL SUSPENDED	NMth										313%		
CHLORINE, TOTAL RESIDUAL	NMth					3%							
BOD, CARBONACEOUS 05 DAY, 20C	Mthly							788%					
	NMth							783%			415%	673%	

Effluent Violations are displayed as highest percentage by which the permit limit was exceeded for the quarter. **Bold, large** print indicates Significant Noncompliance (SNC) effluent violations. Shaded boxes indicate unresolved SNC violations.

	RCRA Compliance Status												
Statute:Source ID RCRA: IAD984566133		QTR1 Jul-Sep06	QTR2 Oct- Dec06	Jan-	QTR4 Apr- Jun07	QTR5 Jul- Sep07	QTR6 Oct- Dec07	QTR7 Jan- Mar08	QTR8 Apr- Jun08		QTR10 Oct- Dec08	QTR11 Jan- Mar09	QTR12 Apr- Jun09
Facility Level Status		In Viol	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl	Compl
Type of Violation	Agency												
Emergency Procedures	EPA	08/31/06- 09/28/06											
Universal Waste - Small Quantity Handlers	EPA	08/31/06- 09/28/06											

TSD IS-Container Use and Management	IL PA	08/31/06- 09/28/06						
Management		09/20/00						ш

The first date displayed for a RCRA Violation corresponds to the violation determination date, and the next to the resolution date (if the violation has been resolved).

# Notices of Violation or Informal Enforcement - AFS, PCS, ICIS-NPDES, RCRAInfo (05 year history)

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date	
RCRA	IAD984566133	WRITTEN INFORMAL	EPA	01/04/2006	
RCRA	IAD984566133	WRITTEN INFORMAL	EPA	11/02/2006	

## Formal Enforcement Actions - (05 year history)

#### AFS, PCS, RCRAInfo, NCDB

Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description	
- No data reco	ords returned.						٦

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

ICIS Data Dictionary

		Case Type							SEP Cost	Comp Action Cost
- No data records returned.										

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS-FE&C). These actions may duplicate records in the Formal Enforcement Actions section.

#### **Environmental Conditions**

**Data Dictionary** 

Permit ID	Watershed	Watershed Name	Receiving Waters	Section 303(d) Listing?	Combined Sewer System?
IA0003727	07080205	Middle Cedar. Iowa.	CEDAR RIVER	NO	No

## **Demographic Profile of Surrounding Area (3 Miles)**

Data Dictionary

Open more detailed information in a new window (links leave ECHO): 1 Mi 3 Mi or 5 Mi.

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA <u>Locational Reference Table(LRT)</u> when available.

Radius of Area:	3 Miles	Land Area:	96.57%	Households in area:	649
Center Latitude:	42.101101	Water Area:	3.43%	Housing units in area:	680
Center Longitude:	-91.778802	Population Density:	66.78/sq. mi.	Households On Public Assistance:	7
Total Persons:	1,823	Percent Minority:	1.97%	Persons Below Poverty Level:	48

Race Breakdown	Persons (%)	Age Breakdown:	Persons (%)
White:	1,790 (98.19%)	Child 5 years and less:	140 ( 7.68%)
African-american:	8 ( 0.44%)	Minors 17 years and younger:	500 (27.43%)
Hispanic-Origin:	4 ( 0.22%)	Adults 18 years and older:	1,323 (72.57%)
Asian/Pacific Islander:	21 ( 1.15%)	Seniors 65 years and older:	163 ( 8.94%)
American Indian:	( 0.00%)		
Other/Multiracial:	1 ( 0.05%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown:	Households (%)
Less than 9th grade:	9 ( 0.85%)	Less than \$15,000:	41 ( 6.32%)

9th-12th grades:	69 ( 6.51%)	\$15,000-\$25,000:	66 (10.17%)
High School Diploma:	425 (40.09%)	\$25,000-\$50,000:	151 (23.27%)
Some College/2-yr:	251 (23.68%)	\$50,000-\$75,000:	175 (26.96%)
B.S./B.A. or more:	306 (28.87%)	Greater than \$75,000:	214 (32.97%)

Please note: Entries in gray denote records that are not federally required to be reported to EPA. These data may not be reliable.

Notice About Duration of Violations -- The duration of violations shown on this report is an estimate of the actual duration of the violations that might be alleged or later determined in a legal proceeding. For example, the start date of the violation as shown in the ECHO database is normally when the government first became aware of the violation, not the first date that the violation occurred, and the facility may have corrected the violation before the end date shown. In some situations, violations may have been corrected by the facility, but EPA or the State has not verified the correction of these violations. In other situations, EPA does not remove the violation flag until an enforcement action has been resolved.



This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 06/13/2009. PCS: 06/13/2009. RCRAInfo: 06/09/2009. FRS: 06/11/2009. ICIS: 06/11/2009.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

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