

Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

June 6, 2001

Ms. Manitia Moultrie  
Senior Project Manager  
Golder Associates, Inc.  
5100 West Lemon Street, Suite 114  
Tampa, Florida 33609

RE: Air Permit No. 0270016-001-AC, PSD=FL-284,  
DeSoto County Generating Company, L.L.C.,  
DeSoto County Energy Park

Dear Manitia:

The Bureau of Air Regulation received your May 22, 2001, request to change the authorized agent for the above referenced project to Mr. Joel Y. Kanya. Our database has been updated to reflect this change. Since no fee required for this action, Golder Associates Inc.'s check No. 1101 for \$50.00 is enclosed with this letter. If you have any further questions, please call me at 850/921-9505.

Sincerely,

Patty Adams  
Bureau of Air Regulation

/pa

Enclosure

"More Protection. Less Process"

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**Golder Associates Inc.**

5100 West Lemon Street, Suite 114  
Tampa, FL USA 33609  
Telephone (813) 287-1717  
Fax (813) 287-1716



May 22, 2001

Project No.013-9589

Mr. A. A. Linero, P.E.  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**RECEIVED**  
MAY 25 2001  
BUREAU OF AIR REGULATION

RE: Air Permit (PSD-FL-284) # 0270016-001  
DeSoto County Generating Company, L.L.C.  
DeSoto County Energy Park  
Arcadia, Florida

Dear Mr. Linero:

Enclosed is notification of a change in the authorized agent for the above referenced project and the \$50 processing fee. The PSD application pages 1,3,7 [DEP Form No. 62-210.900(1)] have been revised to identify Mr. Joel Y. Kamy, President and General Manager of DeSoto County Generating Company, L.L.C. as the new authorized agent.

DeSoto County Generating Company, L.L.C. and Golder Associates Inc. appreciate your assistance in processing the above referenced information. If you have any questions or need additional information, please contact me at (813) 287-1717.

Very truly yours,

**GOLDER ASSOCIATES INC.**

Manitia Moultrie  
Senior Project Manager

MM/at

Enclosures

Cc: Mr. John Umstead, Progress Energy Corporation

H:\GolderVol1\PROJECTS\2001proj\013-9589 DeSoto County Energy Complex\transfer of authorized rep-Linero.doc



# Department of Environmental Protection

## Division of Air Resources Management

### APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

#### I. APPLICATION INFORMATION

##### Identification of Facility

1. Facility Owner/Company Name: <b>DeSoto County Generating Company, L.L.C.</b>	
2. Site Name: <b>DeSoto County Energy Park</b>	
3. Facility Identification Number: <span style="float: right;"><input checked="" type="checkbox"/> Unknown</span>	
4. Facility Location: <b>Two miles east of Arcadia, Florida on Roan Street</b> Street Address or Other Locator: City: <b>Unincorporated</b> County: <b>DeSoto</b> Zip Code:	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

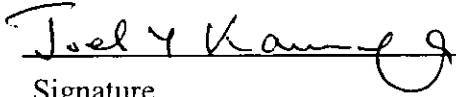
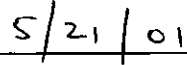
##### Application Contact

1. Name and Title of Application Contact: <b>Joel Y. Kamya, President and General Manager</b>	
2. Application Contact Mailing Address: Organization/Firm: <b>DeSoto County Generating Company, L.L.C.</b> Street Address: <b>P. O. Box 1551, Mail Code 333-4 (410 South Wilmington Street)</b> City: <b>Raleigh</b> State: <b>NC</b> Zip Code: <b>27602-1551</b>	
3. Application Contact Telephone Numbers: Telephone: <b>(919) 546-7107</b> Fax: <b>(919) 546-6334</b>	

##### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: <b>Joel Y, Kamya, President and General Manager</b>
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: <b>DeSoto County Generating Company, L.L.C.</b> Street Address: <b>P. O. Box 1551, Mail Code 333-4 (410 South Wilmington Street)</b> City: <b>Raleigh</b> State: <b>NC</b> Zip Code: <b>27602-1551</b>
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: <b>( 919 ) 546-7107</b> Fax: <b>( 919 ) 546- 6334</b>
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [ ], if so) or the responsible official (check here [ ], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   Signature   Date

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: <b>Kennard F. Kosky</b> Registration Number: <b>14996</b>
2. Professional Engineer Mailing Address: Organization/Firm: <b>Golder Associates Inc.</b> Street Address: <b>6241 NW 23rd Street, Suite 500</b> City: <b>Gainesville</b> State: <b>FL</b> Zip Code: <b>32653-1500</b>
3. Professional Engineer Telephone Numbers: Telephone: <b>( 352 ) 336 - 5600</b> Fax: <b>( 352 ) 336 - 6603</b>

## II. FACILITY INFORMATION

## A. GENERAL FACILITY INFORMATION

**Facility Location and Type**

1. Facility UTM Coordinates: Zone: <b>17</b> East (km): <b>419.75</b> North (km): <b>3011.5</b>			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): <b>27 / 13 / 30</b> Longitude (DD/MM/SS): <b>81 / 48 / 42</b>			
3. Governmental Facility Code: <b>0</b>	4. Facility Status Code: <b>C</b>	5. Facility Major Group SIC Code: <b>49</b>	6. Facility SIC(s): <b>4911</b>
7. Facility Comment (limit to 500 characters):  <b>Project consists of three 170-MW dual-fuel, General Electric Frame 7FA combustion turbines(CT) that will use dry low-nitrogen oxide combustion technology when firing natural gas and water injection when firing distillate fuel oil. Each CT will operate up to 3,390 hours per year.</b>			

**Facility Contact**

1. Name and Title of Facility Contact: <b>Joel Y. Kamya, President and General Director</b>	
2. Facility Contact Mailing Address: Organization/Firm: <b>DeSoto County Generating Company, L.L.C.</b> Street Address: <b>P. O. Box 1551, Mail Code 333-4 (410 South Wilmington Street)</b> City: <b>Raleigh</b> State: <b>NC</b> Zip Code: <b>27062-1551</b>	
3. Facility Contact Telephone Numbers: Telephone: <b>( 919 ) 546-7107</b> Fax: <b>( 919 ) 546-6334</b>	

**Golder Associates Inc.**

6241 NW 23rd Street, Suite 500  
Gainesville, FL 32653-1500  
Telephone (352) 336-5600  
Fax (352) 336-6603

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NOV 03 2000



BUREAU OF AIR REGULATION

October 27, 2000

9939557

Florida Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Attention: A.A.Linero, P.E., Administrator New Source Review

RE: DESOTO ENERGY PARK; DEP File No. 0270016 (PSD-FL-284)  
NATURAL GAS FUEL HEATER  
EXEMPT EMISSION UNIT IDENTIFICATION

Dear Al:

As previously discussed, DeSoto Energy Park will use a natural gas fuel heater. The fuel heater will only be fired with natural gas and have a maximum heat input of 12.5 mmBtu/hour. Only one natural gas heater is required for the 3 simple cycle gas turbines. For the project, two identical fuel heaters will be installed. Only one will be operating at any given time with the other used as backup. Table 1 presents the design parameters, stack parameters, and emissions for the fuel heater to be installed. The maximum potential emission of any regulated pollutant is less than 5 tons/year. These maximum emission estimates are based on continuous operation at the maximum heat input. Actual fuel heater operation is dependent on the pressure and temperature conditions of the natural gas at the natural gas regulating yard. Average heat input would be expected to be about one-half of maximum levels.

This heater is exempt from permitting requirements pursuant to Rule 62-210.300(3)(a) Florida Administrative Code (F.A.C.) as a categorical exemption or pursuant to Rule 62-210.300(3)(b) F.A.C. as a generic exemption. Rule 62-210.300(3) F.A.C. states that "a facility, emissions unit or pollutant emitting activity shall be exempt from the permitting requirements of this chapter, Chapter 62-212 and Chapter 62-4, if the applicable criteria" listed if the exemptions are met. It should be noted that the emissions from the heater when included in a facility's potential to emit does not change either PSD and Title V applicability.

It appears that this type of unit can be identified with the Title V Application for the facility. While this type of unit could have been identified in the description of the PSD and Air Construction Permit, it does not appear that any specific review is required since the unit is exempt from the requirements of Chapter 62-212. Also, further public notice should not be required pursuant to Rule 62-110.106 F.A.C. This rule, governing public notice, only requires notice for construction permits. Since the emission unit is exempt from permitting, no modification to the existing construction permit appears necessary.

As a result of the information presented above, the natural gas fuel heater will be identified in the Title V Application as an unregulated emission unit. Please call me at (352) 336-5600 if the Department requires a different approach.

Sincerely,

GOLDER ASSOCIATES INC.



Kennard F. Kosky, P.E.  
Principal

KFK/jkw

Attachment: Table 1

cc: Jolecia Marigny, DeSoto County Generating Company, L.L.C.  
J. Bradley Williams, DeSoto County Generating Company, L.L.C.

P:\Projects\1999\9939\9939557a IPS Avon Park\02\#02ltr.doc

Table 1. Performance, Stack Parameters and Emissions for Natural Gas Heater - DeSoto County Energy Park

	Data	FDEP Exemptions	FDEP Citation
<b>Performance<sup>a</sup></b>			
Fuel Usage (scf/hr-gas)	12,240.50		
Heat Input (mmBtu/hr-HHV)	12.50		
Hours per Year	3,390.00		
Maximum Fuel Usage (mmscf/yr)	41.50	150 FFSG-HWH-Unit	Rule 62-210.300(3)(a)2. Categorical Exemption
Number of Units	1.00	375 FFSG-HWH-All Units	Rule 62-210.300(3)(a)2.a. Categorical Exemption
<b>Stack Parameters</b>			
Diameter (ft)	2.00		
Height (ft)	30.00		
Temperature (°F)	700.00		
Velocity (ft/sec)	34.97		
Flow (acfm)	13,181.82		
<b>Emissions</b>			
SO <sub>2</sub> -Basis (grains S/100 scf-gas; %S diesel) <sup>b</sup>	1.00		
(lb/hr)	0.03		
(tpy) - one unit	0.06	5 Any Unit	Rule 62-210.300(3)(b)1.b. Generic Exemption
NO <sub>x</sub> - (lb/mmBtu) <sup>c</sup>	0.17		
(lb/hr)	2.13		
(tpy)	3.60	5 Any Unit	Rule 62-210.300(3)(b)1.b. Generic Exemption
CO - (lb/mmBtu) <sup>c</sup>	0.06		
(lb/hr)	0.75		
(tpy)	1.27	5 Any Unit	Rule 62-210.300(3)(b)1.b. Generic Exemption
VOC - (lb/106 ft <sup>3</sup> ) <sup>d</sup>	5.50		
(lb/hr)	0.07		
(tpy)	0.11	5 Any Unit	Rule 62-210.300(3)(b)1.b. Generic Exemption
PM/PM <sub>10</sub> - (lb/106 ft <sup>3</sup> ) <sup>d</sup>	1.90		
(lb/hr)	0.02		
(tpy)	0.04	5 Any Unit	Rule 62-210.300(3)(b)1.b. Generic Exemption

<sup>a</sup> Stone & Webster Engineering Corporation (SWEC), 2000.<sup>b</sup> Typical maximum for pipeline natural gas.<sup>c</sup> From vendor information (SWEC).<sup>d</sup> AP-42 Table 1.4-2 VOC and Filterable PM

**Golder Associates Inc.**

6241 NW 23rd Street, Suite 500  
Gainesville, FL 32653-1500  
Telephone (352) 336-5600  
Fax (352) 336-6603



October 24, 2000

9939557-1000

Florida Department of Environmental Protection  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

**RECEIVED**

OCT 26 2000

BUREAU OF AIR REGULATION

Attention: Mr. C. H. Fancy, P.E., Chief

RE: DeSoto Power Project  
DEP File No. 0270016 (PSD-FL-284)

Dear Clair:

This correspondence is being submitted to request a transfer in the ownership of the DeSoto Power Project from IPS Avon Park Corporation to DeSoto County Generating Company, L.L.C. The site name is being changed from DeSoto Power Project to the DeSoto County Energy Park. Attached please find pages 1, 3 and 7 of the DEP Form No. 62-210.900(1) with the relevant information. A permit fee of \$50, pursuant to Rule 62-4.050(4)(r)3. F.A.C., is also enclosed. I understand, after discussions with your Bureau's staff, that DEP Form 62-1.201 is no longer valid and the Department is developing a new form.

Please call if you have any questions.

Sincerely,

GOLDER ASSOCIATES INC.

Kennard F. Kosky, P.E.  
Principal

KFK/arz

Enclosures

cc: Betty Robinson, Golder Tampa  
John Ellis, IPS Avon Park Corporation  
J. Bradley Williams, DeSoto County Generating Company, L.L.C.

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John B. Judis says they're  
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## Bushism of the Day

By Jacob Weisberg

Posted Thursday, Oct. 26, 2000, at 4:03 p.m. PT

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Comments for Ballot Box?  
Drop a line to [jakeweisberg@hotmail.com](mailto:jakeweisberg@hotmail.com).

*currently*

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# Department of Environmental Protection

## Division of Air Resources Management

### APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

#### I. APPLICATION INFORMATION

##### Identification of Facility

1. Facility Owner/Company Name: <b>DeSoto County Generating Company, L.L.C.</b>	
2. Site Name: <b>DeSoto County Energy Park</b>	
3. Facility Identification Number: <span style="float: right;"><input checked="" type="checkbox"/> Unknown</span>	
4. Facility Location: <b>Two miles east of Arcadia, Florida on Roan Street</b> Street Address or Other Locator: City: <b>Unincorporated</b> County: <b>DeSoto</b> Zip Code:	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No


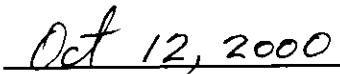
##### Application Contact

1. Name and Title of Application Contact: <b>J. Bradlely Williams, Manager</b>	
2. Application Contact Mailing Address: Organization/Firm: <b>DeSoto County Generating Company, L.L.C.</b> Street Address: <b>Parkwood Two Building, Suite 150, 10055 Gorgans Mill Road</b> City: <b>The Woodlands</b> State: <b>TX</b> Zip Code: <b>77380</b>	
3. Application Contact Telephone Numbers: Telephone: <b>( 281 ) 297-5386</b> Fax: <b>(281) 297-5407</b>	

##### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: <b>J. Bradley Williams, Manager</b>
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: <b>DeSoto County Generating Company, L.L.C.</b> Street Address: <b>Parkwood Two Building, Suite 150, 10055 Grogans Mill Road</b> City: <b>The Woodlands</b> State: <b>TX</b> Zip Code: <b>77380</b>
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: <b>( 281 ) 297-5386</b> Fax: <b>(281 ) 297-5407</b>
4. Owner/Authorized Representative or Responsible Official Statement:  <i>I, the undersigned, am the owner or authorized representative*(check here [ ], if so) or the responsible official (check here [ ], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   Signature   Date

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: <b>Kennard F. Kosky</b> Registration Number: <b>14996</b>
2. Professional Engineer Mailing Address: Organization/Firm: <b>Golder Associates Inc.</b> Street Address: <b>6241 NW 23rd Street, Suite 500</b> City: <b>Gainesville</b> State: <b>FL</b> Zip Code: <b>32653-1500</b>
3. Professional Engineer Telephone Numbers: Telephone: <b>( 352 ) 336 - 5600</b> Fax: <b>( 352 ) 336 - 6603</b>

**II. FACILITY INFORMATION****A. GENERAL FACILITY INFORMATION****Facility Location and Type**

1. Facility UTM Coordinates: Zone: <b>17</b> East (km): <b>419.75</b> North (km): <b>3011.5</b>			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): <b>27 / 13 / 30</b> Longitude (DD/MM/SS): <b>81 / 48 / 42</b>			
3. Governmental Facility Code: <b>0</b>	4. Facility Status Code: <b>C</b>	5. Facility Major Group SIC Code: <b>49</b>	6. Facility SIC(s): <b>4911</b>
7. Facility Comment (limit to 500 characters):  <b>Project consists of three 170-MW dual-fuel, General Electric Frame 7FA combustion turbines(CT) that will use dry low-nitrogen oxide combustion technology when firing natural gas and water injection when firing distillate fuel oil. Each CT will operate up to 3,390 hours per year.</b>			

**Facility Contact**

1. Name and Title of Facility Contact: <b>J. Bradley Williams, Manager</b>	
2. Facility Contact Mailing Address: Organization/Firm: <b>DeSoto County Generating Company, L.L.C.</b> Street Address: <b>Parkwood Two Building, Suite 150, 10055 Grogans Mill Road</b> City: <b>The Woodlands</b> State: <b>TX</b> Zip Code: <b>77380</b>	
3. Facility Contact Telephone Numbers: Telephone: <b>( 281 ) 297-5386</b> Fax: <b>( 281 ) 297-5407</b>	

# INTEROFFICE MEMORANDUM

**Date:** 29-Jun-2000 12:28pm  
**From:** Kathy Carter TAL OGC 850/488-9  
CARTER\_K@a1.epic6.dep.state.fl.us  
**Dept:**  
**Tel No:**

**To:** Alvaro Linero TAL 850/921-9523 ( LINERO\_A@A1 )

**Subject:** Re: Amended Petition Received or Not?

Hi Al:

No we did not receive an amended petition from Nancy Grant.

Kathy

Patty - This just needs a Division Director signature and it can go out. Do you think Larry can sign? Howard back monday?

al

~~Larry~~

Can you sign? If not - just return to me. It can wait till Wed -

Shanks

Patty

To: