

**HUMAN CREMATORIES
AIR GENERAL PERMIT REGISTRATION**

Facility Identification Number (If known)

0870059

Registration Type

0870059-006

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Dean-Lopez Crematory, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a complete registration must be submitted for each.)

Big Pine Key

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: **31140 Overseas Hwy**

City: **Big Pine Key**

County: **Monroe**

Zip Code: **33043**

Facility Start-Up Date (Estimated start-up date of proposed **new** facility.)(N/A for existing facility.)

N/A

Facility Contact

<u>Name and Position Title</u> (Plant manager or person to be contacted regarding day-to-day operations at the facility.) Print Name and Title: Robert Dean, Owner		
<u>Facility Contact Telephone Numbers</u> Telephone: 305-294-1066 Fax: Cell phone: 305-896-6335 E-mail: deanlopezfh@yahoo.com		
<u>Facility Contact Mailing Address</u> Organization/Firm: Dean-Lopez Crematory, Inc. Street Address: 31140 Overseas Highway City: Big Pine County: Monroe Zip Code: 33043		

Other Contact/Representative (to serve as additional Department contact)

<u>Name and Position Title</u> Print Name and Title: Jeffery Dean		
<u>Other Contact/Representative Telephone Numbers</u> Telephone: Same as above Fax: Cell phone: E-mail:		
<u>Other Contact/Representative Representative Mailing Address</u> Organization/Firm: Street Address: City: County: Zip Code:		

Emission Unit Details

MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY
Matthews Cremation	IE43-PPII		100 lbs/hr

Design Calculations

If this is an initial registration for a proposed new human crematory unit, provide design calculations to confirm a sufficient volume in the secondary chamber combustion zone to provide for at least a 1.0 second gas residence time at 1800 degrees F.

See Design Calculations.

Registration is not for proposed new human crematory unit(s).

Facility Comments

- **This unit is fired with Propane and operates at a minimum operating temperature of 1600 deg. F in the secondary temperature**

Design Calculations

Not Required for renewal

Prepared by: Arlington Environmental Services, Inc. ~ 863.467.0555