

**HUMAN CREMATORIES
AIR GENERAL PERMIT REGISTRATION INFORMATION**

0570431-003-AG – Re-Registration February 2012

Facility Identification Number - If known (seven digit number)

0570431: This is for 5-yr renewal of human crematory Permit No. 0570431-003-AG, which expires 03/29/2012.

Registration Type

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.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

0570431-004

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):

N/A

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.)

Florida Mortuary

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.)

Florida Mortuary

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

Street Address: **4601 N. Nebraska Ave.**

City: **Tampa**

County: **Hillsborough**

Zip Code: **33603**

-4013

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

N/A

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Facility Contact

<u>Name and Position Title</u> (Plant manager or person to be contacted <u>regarding day-to-day operations at the facility.</u>) Print Name and Title: Ron Mees, General Manager	
<u>Facility Contact Telephone Numbers</u> Telephone: (813) 237-2900 Fax: (813) 237-0678 Cell phone: (813) 310-6167 E-mail: rmees@loylessfuneralhomes.com	
<u>Facility Contact Mailing Address</u> Organization/Firm: Florida Mortuary Mailing Address: 4601 N. Nebraska Ave. City: Tampa County: Hillsborough Zip Code: 33603	

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

<u>Name and Position Title</u> Print Name and Title: Lynn Robinson, P.E., Permitting Manager	
<u>Other Contact/Representative Telephone Numbers</u> Telephone: (813) 752-5014 Fax: (813) 752-2475 Cell phone: (813) 957-8804 E-mail: lrobinson@sesfla.com	
<u>Other Contact/Representative Mailing Address</u> Organization/Firm: Southern Environmental Sciences, Inc. Mailing Address: 1204 North Wheeler Street City: Plant City County: Hillsborough Zip Code: 33563	

Government Facility Code (check only one)

<input checked="" type="checkbox"/>	Facility not owned or operated by a federal, state, or local government.
<input type="checkbox"/>	Facility owned or operated by the federal government.
<input type="checkbox"/>	Facility owned or operated by the state.
<input type="checkbox"/>	Facility owned or operated by the county.
<input type="checkbox"/>	Facility owned or operated by the municipality.
<input type="checkbox"/>	Facility owned or operated by a water management district.

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Emission Unit Details

MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY
EU 001:			
Matthews Cremation Group	IE43-Power- Pak II	154329	100 lb/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.

- Design calculations attached.
- Registration is not for proposed new human crematory unit(s).

Facility Fuel & Controls

This re-registration is for an existing Matthews Cremation Group IE43-PPII human crematory.

The crematory is designed to burn human remains at the average incineration rate of 100 pounds per hour. The incinerator consists of primary and secondary (afterburner) chambers, each fired on natural gas.

Emissions are controlled by the afterburner, which maintains a minimum secondary chamber combustion zone temperature of 1600°F prior to and during combustion of material in the primary chamber. The secondary chamber is designed to ensure one second residence time at a gas temperature of 1800°F, and is equipped with a continuous temperature monitor and recorder.

The unit is equipped with an opacity monitor that controls (e.g. shuts down) the cremation burner if excess emissions are encountered in the stack.

Southern Environmental Sciences, Inc.

1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014 □ Fax (813) 752-2475

February, 2012

If by Overnight Delivery (FedEx, etc.): Department of Environmental Protection Receipts 3800 Commonwealth Blvd. Mail Station 77 Tallahassee, FL 32399 Phone: (850) 921-9586	If by regular U.S. Postal Service mail: Department of Environmental Protection Receipts PO Box 3070 Tallahassee, FL 32315-3070
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Re: Air General Permit Re-Registration for Human Crematory Unit
Current Permit No. 0570431-004-AG
Florida Mortuary

Gentlemen:

On behalf of Florida Mortuary, Southern Environmental Sciences, Inc. is pleased to submit the enclosed Re-Registration Information for the above referenced existing, previously permitted human crematory unit.

Also enclosed is the \$100.00 fee check payable to Florida DEP.

If you have any questions concerning the permit application please contact me at office phone (813) 752-5014 or email at: lrobinson@sesfla.com.

Sincerely,

SOUTHERN ENVIRONMENTAL
SCIENCES, INC.



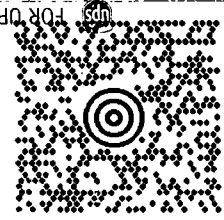
Lynn Robinson, P.E.
Permitting Manager

Encl: Re-Registration Form and \$100.00 fee check for Air General Facility ID No. 0570431

Cc: ✓ Mr. Ron Mees, General Manager, Florida Mortuary
Email: rmees@loylessfuneralhomes.com

LTR 1 OF 1

FROM:
LINDA WHITNEY
(813) 237-2900
FLORIDA MORTUARY
4601 N. NEBRASKA AVENUE
TAMPA FL 33603



FL 323 0-01



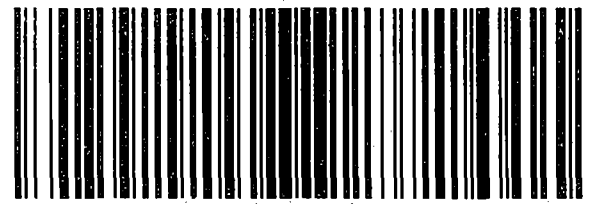
SHIP TO:

DEPT OF ENVIRONMENTAL PROTECTION RE-
(850) 921-9586 *ceipts*
3800 COMMONWEALTH BLVD-MAIL STATION
TALLAHASSEE FL 32399

UPS NEXT DAY AIR

TRACKING #: 1Z 862 W99 01 4105 2996

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REF 1: Documents:

DEPT OF ENVIRONMENTAL
3800 COMMONWEALTH BLVD

TALLAHASSEE FL 32303-3123

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