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DIVISION OF AIR  
RESOURCE MANAGEMENT

**HUMAN CREMATORIES  
AIR GENERAL PERMIT  
REGISTRATION INFORMATION**

Facility Identification Number - If known (seven digit number)

0830155-007-AG: For re-registration of this permit, expiring 01/18/2012, for one (1) human crematory unit.

0830155-008

**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.

**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 Cremation Society

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

Florida Cremation Society

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

Street Address: 708 SW 2nd Ave.

City: Ocala

County: Marion

Zip Code: 34471 - 0917

**Note: Please correct address in "ARMS" & "ACES".**

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

N/A

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
2011 DEC 20 AM 7:00  
FINANCE & ACCOUNTING REVENUE

0830155

**Facility Contact**

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: **Kevin K. Roberts, Manager / Authorized Representative**

Facility Contact Telephone Numbers

Telephone: **(352) 694-3838** Fax: **(352) 694-3879**

E-mail: **kevin@floridacremationsociety.com**

Facility Contact Mailing Address

Organization/Firm: **Florida Cremation Society**

Mailing Address: **708 SW 2nd Ave.**

City: **Ocala** County: **Marion** Zip Code: **34471**

**Note: Please correct address in "ARMS" & "ACES".**

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

Name and Position Title

Print Name and Title: **Mr. Lynn Robinson, P.E., Permitting Manager**

Other Contact/Representative Telephone Numbers

Telephone: **(813) 752-5014**

Fax: **(813) 752-2475**

Cell phone: **(813) 957-8804**

E-mail: **lrobinson@sesfla.com**

Other Contact/Representative Mailing Address

Organization/Firm: **Southern Environmental Sciences, Inc.**

Street Address: **1204 North Wheeler Street**

City: **Plant City** County: **FL** Zip Code: **33563**

**Government Facility Code (check only one)**

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

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0830155

**Emission Unit Details**

MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY
Industrial Equipment & Engineering Co.	IEE 43 – Power-Pak II	0880806	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**

The facility has one human crematory incinerator listed above. 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 or propane (LPG) with a maximum total design heat input rate of 1.5 MMBtu/hr.

Emissions are controlled by the afterburner, which maintains a minimum secondary chamber combustion zone temperature of 1600 Deg 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 Deg F, and is equipped with a continuous temperature monitor and recorder, and a stack opacity monitoring system.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
2011 DEC 20 AM 7:06  
FINANCE & ACCOUNTING REVENUE  
Human Crematory Registration Information 2011

# Southern Environmental Sciences, Inc.

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

December 12, 2011

Mr. Kevin Roberts  
Florida Cremation Society  
708 SW 2<sup>nd</sup> Avenue  
Ocala, Florida 34471

Re: Air General Permit Re-Registration for One (1) Human Crematory  
Permit No. 0830155-007-AG, Expires 01/18/2012

Dear Mr. Roberts:

Under the revised FDEP rule, the form does not need to be signed.

Please send one (1) unbound copy of the enclosed 3-page Re-Registration Information document via FedEx (or similar) with delivery tracking/confirmation to FDEP-Tallahassee at the address below, along with a fee check in the amount of \$100.00 payable to "Florida DEP".

**The Overnight Delivery (e.g. FedEx) address is:**

Department of Environmental Protection  
Receipts  
3800 Commonwealth Blvd.  
Mail Station 77  
Tallahassee, FL 32399  
Phone: (850) 717-9000

This Re-Registration must be received by FDEP no later than 12/19/2011 (30 days prior to the 01/18/2012 expiration date) in order to be timely for renewal. The renewed registration for this one (1) human crematory unit will become effective 30 days after the document and the \$100 check are received by FDEP-Tallahassee and will be effective for five years unless you have material changes.

The two (2) bound copies are for your use and contain excerpts of the FDEP rules which constitute your permit conditions - and must be retained onsite. We recommend you keep one bound copy with the crematory unit operator and one bound copy for your files.

Please call me if you have any questions.

Sincerely,

SOUTHERN ENVIRONMENTAL  
SCIENCES, INC.



Lynn Robinson, P.E.  
Permitting Manager

Enclosures:

Two (2) Unbound copies of Re-Registration Information

Two (2) Bound copies of Re-Registration Information with FDEP Rules

FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION  
2011 DEC 20 AM 7:00  
FINANCE & ACCOUNTING  
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