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HUMAN CREMATORIES
AIR GENERAL PERMIT REGISTRATION INFORMATION DIVISION OF AIR
RESOURCE MANAGEMENT

0150076-004-AG – Re-Registration February 2012
Facility Identification Number - If known (seven digit number)

0150076: This February 2012 re-registration is for reclassification of one (1) IE43-Power-Pak II retort from an animal crematory unit to a human crematory unit and change its ownership from My Pet's Cremation, LLC (under Permit No. 0150090-001-AG, exp. 04/29/2012) to new owner International Cremation Society, Inc. under Facility ID: 0150076 which also has one (1) existing B&L Model N20 Series human retort. Note: My Pet's Cremation is closing and therefore Ron Nichols, its Owner, will surrender Permit No. 0150090-001-AG upon effective date of Permit No. 0150076-005-AG.

Registration Type

0150076-005

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.)

International Cremation Society, Inc.

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

Harbour Heights Crematory

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

Street Address: 2620 Highlands Rd, Unit C

City: Harbour Heights

County: Charlotte

Zip Code: 33983

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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 regarding day-to-day operations at the facility.) Print Name and Title: Tony Lewis, Manager		
<u>Facility Contact Telephone Numbers</u> Telephone: (941) 764-1823 Fax: (941) 764-1830 Cell phone: E-mail:		
<u>Facility Contact Mailing Address</u> Organization/Firm: International Cremation Society, Inc. Mailing Address: 2620 Highlands Rd, Unit C City: Harbour Heights County: Charlotte Zip Code: 33983		

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

<u>Name and Position Title</u> Print Name and Title: Ron Nichols, President		
<u>Other Contact/Representative Telephone Numbers</u> Telephone: (941) 764-1823 Fax: (941) 764-1830 Cell phone: (941) 681-6334 E-mail: intcremsoc@aol.com		
<u>Other Contact/Representative Mailing Address</u> Organization/Firm: International Cremation Society, Inc. Mailing Address: 2620 Highlands Rd, Unit C City: Harbour Heights County: Charlotte Zip Code: 33983		

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:			
B&L Cremation Systems, Inc.	N20 Series	511294-99	150 lb/hr
EU 002:			
Industrial Equipment & Engineering Co. (Matthews Cremation Group) (Previously registered as an animal retort under Permit No. 0150090-001- AG.)	IE43-Power- Pak II	654319	150 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 two (2) crematory units are designed to burn human remains at the average incineration rate of 150 pounds per hour (lb/hr). The incinerators include primary and secondary (afterburner) chambers, each fired with LPG gas or natural gas.

Emissions of both units are controlled by the afterburners, which maintain minimum secondary chamber combustion zone temperature of 1600°F prior to and during combustion of material in the primary chamber. The secondary chambers are designed to ensure one-second residence time at a gas temperature of 1800°F, and are both equipped with continuous temperature monitor and recorder, and a stack opacity monitoring system.

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Southern Environmental Sciences, Inc.

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

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February, 2012

DIVISION OF AIR
RESOURCE MANAGEMENT

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 Crematory Unit
Change of Ownership & Reclassification from Animal to Human Crematory Unit:
IE43-Power-Pak II
Transfer from Permit No. 0150090-001-AG (My Pet's Cremation, LLC) to
Permit No. 0150076-004-AG International Cremation Society

Gentlemen:

On behalf of International Cremation Society, Inc., Southern Environmental Sciences, Inc. is pleased to submit the enclosed Re-Registration Information for the above referenced existing, previously permitted crematory unit. Also enclosed is the \$100.00 fee check.

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

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Encl: Re-Registration Form and \$100.00 fee check for Air General Facility ID No. 0150076

Cc: Mr. Ron Nichols, President, International Cremation Society, Inc.,
Email: intcremsoc@aol.com