

TLLRWDC §675.21—EXPORTATION FORM

**TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT COMMISSION
PETITION FOR EXPORTATION OF NON-PARTY LOW-LEVEL RADIOACTIVE
WASTE. THIS PETITION MUST BE COMPLETED BY APPROPRIATE
REPRESENTATIVES OF THE DEPARTMENT OF DEFENSE, THE GENERATOR, OR
A BROKER.**

I. Petitioner Information:

Entity Name: Bionomics, Inc.

Contact Person, Title: John McCormick, VP

Phone: 865-220-8501

Email: JMcCormick@Bionomics-Inc.com

Website: Bionomics-Inc.com

Business Address: PO Box 817
Kingston, TN 37763

Mailing Address: PO Box 817
Kingston, TN 37763

Generator: University of Houston
Houston, TX

Is applicant:

- Generator
- Broker**
- Department of Defense

II. Generator Specifications:

A. Generator type:

- Industrial
- Academic/Research**
- Medical
- Utility
- Government

III. Export Permit Period: June 30, 2017 to December 31, 2017

(extended date allows time to prepare shipments)

IV. Waste proposed for exportation:

Waste Volume (Cubic Feet): Liquids 4.01 ft³, approximately 20 gallons; Dry Waste 81 ft³
approximately 300 pounds

Waste Radioactivity (Curies): less than 10 mCi

Waste Classification:

- Class A,
- Class B, and/or
- Class C

Name and Location of Proposed Treatment and /or Disposal Facility:

Energy Solutions Oak Ridge, TN for Incineration

Approximate Date of Proposed Exportation (if known): throughout the year

Waste Description: Bulk Liquids

Bulk Aqueous Liquids requires processing prior to disposal. As a small waste generator, UH does not have the means or an established process needed to prepare this waste for disposal at WCS. The processing required increases the risk of contamination, increases exposure of radionuclides to employees and creates additional waste volumes including doubling or tripling the present volumes, all of which results into much higher disposal costs. Burning the liquids is a method to eliminate the volume, cost and most importantly reduces risks.

Waste Description: Dry Waste

The University has some large plastic pieces that do not fit easily into a drum and if placed into a large metal box would have large amounts of void space. Low Level Waste sent for burial should be reduced in volume prior to disposal. The University is not prepared to cut or break the plastic into smaller pieces as that could spread contamination and endanger workers. The most efficient and cost effective method to handle this material is to incinerate the plastic at Energy Solutions.

V. Compliance

Does Petitioner have any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) with the Texas Low-Level Radioactive Waste Disposal Compact Commission?

- No.
- Yes. Please explain and attach applicable documents.

Does Petitioner have any unresolved violation(s), complaint(s), unpaid fee(s), or past due reports associated with radioactive waste receipt, storage, handling, management, processing, or transportation pending with any other regulatory agency with jurisdiction to regulate radioactive material including, without limitation, the Texas Commission on Environmental Quality (TCEQ)?

- No.
- Yes. Please explain and attach applicable documents.

VI. Certifications

Petitioner hereby certifies* the following:

- The information provided herein is complete, accurate, and correct.
- The low-level radioactive waste for which this Export Petition is submitted will be packaged and shipped in accordance with applicable state and federal regulations and is acceptable for disposal at the proposed disposal facility.

If a Broker is submitting this petition on behalf of the Petitioner, the Broker hereby certifies* the following:

- The Broker submitting this Export Petition is authorized by the Petitioner to act on behalf of the Petitioner related to this Permit for Exportation of In-Compact waste. A copy of written documentation containing such authorization is attached to this Export Petition.

* If any box is left unchecked, the Commission will assume that requirement was not met.

VII. Authorized Signatory:

John McCormick

Print or type name

Signature

Title

May 15, 2017

Date

VIII. ATTACHMENTS:

(Attachments should include all applicable licenses, authorizations, and other materials needed or useful to fully explain the Export Petition.)