



P.O. Box 817 — Kingston, TN 37763 — (865) 220-8501

July 26, 2011

Ms. Margaret Henderson
TLLRWDC
3616 Far West Blvd., Ste. 117, # 294
Austin, Texas 78731

Re: Notice of Intent to Ship Waste for Treatment/Processing with no return to WCS Site

Dear Ms. Henderson,

It remains unclear if waste sent for treatment to a facility outside the compact is required to have an Export Permit if after treatment there is no waste volume attributed to a Compact generator. As a courtesy to the Compact Commission, Bionomics is submitting the attached "Petition's" to notifying the Commission of the shipment of LLRW and Scintillation wastes for treatment. This request is being made on behalf of our clients; the Baylor University (Waco), University of North Texas (Denton) and the Nuclear Science Center.

"NRC Exempt" Scintillation Vials and fluids should not be regulated under Compact rules. Mixed Wastes and other Scintillation Vials and Fluids are handled under the Best Demonstrated Available Technology (BDAT) as mandated by the USEPA, which is processing and burning at a permitted facility. There is no waste volume attributed to the Compact.

A large portion of the wastes are being sent for incineration at the Energy Solutions in Oak Ridge, Tennessee. The resulting ash will be disposed at the Energy Solutions facility located near Clive, Utah. This ash is considered "secondary waste" generated by the incinerator and will be disposed of as Energy Solutions waste.

Some of the waste will not undergo treatment that changes the waste and as such these wastes do require an Export Permit. The only one in need of such authorization is the Nuclear Science Center in College Station.

In response to Commission comments on a previous request, we have modified our notifications and requests to indicate that the Generator authorizes Bionomics to act on their behalf. If any other modifications are needed please let us know.

Please contact me at 865-220-8501 if there are any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'John McCormick', written over a horizontal line.

John McCormick

Petition to Export Low-Level Radioactive Waste

1. Petitioner: Bionomics, Inc. of behalf of:

Nuclear Science Center
Texas Engineering Experiment Station
Texas A&M University System
1095 Nuclear Science Road
College Station, TX 77843-3575

2. Persons to be contacted:

Bionomics, Inc. John McCormick 865-220-8501

3. Proposed out of Compact Disposal Facility:

Dry Solid Waste is incinerated at Energy Solutions in Oak Ridge, Tennessee with the ash shipped to Energy Solutions in Clive, Utah listing Energy Solutions as the generator. No waste volume attributed to the Nuclear Science Center. Radioactive aluminum Cans will be compacted and buried at Utah.

4. Entity who generated the waste: Nuclear Science Center, Texas A&M University

5. Effective Period: Perpetual

6. Specified Amount: 2,000 pounds of Lab Trash, 100 pounds aluminum cans

7. Description of the wastes:

Dry solid waste (Low specific activity radioactive waste) containing paper towels, gloves, booties, plastic and glass. The typical isotopes that the facility handles are Ir-192/Ir-194, Sb-122/Sb-124, Sc-46, Na-24, Co-60, Br-82 etc..

Dry solid radioactive waste containing activated aluminum cans

Low specific activity radioactive waste containing cuno filters

8. Reason that petition should be granted:

Accumulation of radioactive and mixed wastes is a potential hazard to health and safety and the storage of these materials is limited by regulation to a specific time and quantity. Volume reduction of LLRW is encouraged and incineration achieves the greatest reduction in volume. Economical disposal of LLRW is one of the mandates of the Commission.

9. Certifications:

- I hereby certify that the Petitioner is licensed (for radioactive materials) and/or

permitted (for hazardous wastes), if applicable, and agrees to receive back the waste if its management or disposal is not allowed at the proposed disposal facility.

- I hereby certify that to the best of my knowledge the information provided herein is accurate and correct and that 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 intended disposal facility.
- I hereby certify that I am authorized by my company, facility, or agency to commit it to each and every obligation and condition set forth herein.

10. Authorization for Bionomics to act on Behalf

Bionomics is contracted to provide LLRW services to the Nuclear Science Center and as part of those services is authorized to act on our behalf in this matter before the Compact Commission.

Generator	<u>Nuclear Science Center</u>
Authorized Persons	<u>W. D. Reece /Director</u> <u>Latha Vasudevan/RSO</u>
Signature	<u>Latha Vasudevan</u>
Date	<u>Aug. 5, 2011</u>
Contact Information	<u>Bionomics John McCormick (865) 220-8501</u> <u>Nuclear Science Center (979) 845-7551</u>

Commission Action

Approved

Disapproved

Approved, subject to the following conditions (if the conditions are not accepted by the Applicant within the time periods set out in Subsection (e)(1) of Rule 675.2, Part 21, Title 31, Texas Administrative Code, the permit is void:)

Conditions of Approval

The commission hereby certifies that proposed Rule 675.2 to be added to Chapter 675, Part 21, Title 31, Texas Administrative Code has been reviewed by legal counsel and found to be within the Commissions legal authority to adopt.