

**TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL
COMPACT COMMISSION**

APPLICATION FOR IMPORTATION OF NONPARTY LOW-LEVEL RADIOACTIVE WASTE

(NOTE: PURSUANT TO TEXAS HEALTH AND SAFETY CODE, §401.207(j), THIS APPLICATION MUST BE COMPLETED BY APPROPRIATE REPRESENTATIVES OF THE DEPARTMENT OF DEFENSE OR THE GENERATOR OF THE WASTE UNLESS THE GENERATOR IS A SMALL GENERATOR AS DEFINED IN 31 TAC §675.23(o), IN WHICH CASE THE APPLICATION MAY BE SUBMITTED BY AN APPROPRIATELY LICENSED BROKER)

1. Applicant Information:

Entity Name	<u>Studsvik Processing Facility Erwin, LLC</u>
Contact Person	<u>Lloyd A. Solomon</u>
Phone	<u>(404) 497-4903</u>
Email	<u>Lloyd.solomon@studsvik.com</u>
Website address	<u>www.studsvik.com</u>
Business Address	<u>151 T.C. Runnion Road</u> <u>Erwin, TN 37650</u>
Mailing Address	<u>151 T.C. Runnion Road</u> <u>Erwin, TN 37650</u>

Is Applicant: Generator
 A Broker who is a: Licensed Waste Processor
 Licensed Waste Collector
 Department of Defense

Notes:

(1) An appropriately licensed Broker may act on behalf of a Small Generator only if each such generator is identified and written authorization from each such generator is provided as an attachment hereto.

(2) While Department of Defense Regulation 4715.6-R designates the Department of the Army as Executive Agent for disposal of low-level radioactive waste, the Commission will require that any agreement that it enters into in this regard be

signed by both the Department of the Army as Executive Agent and the branch of the military that has generated the waste.

Generator Type: Industrial
 Academic/Research
 Medical
 Utility
 Government

Is Applicant the entity responsible for the waste shipment? yes no

If no, please include the name and contact information for the entity responsible for the waste shipment.

Is Waste from a "Small Generator"? yes no

2. Term/Duration from Date of Approval: April 27, 2013 through April 26, 2014

3. Waste proposed for importation.

Waste Volume (Cubic Feet) 2,166

Waste Radioactivity in Curies 13,371

Place of origination (State) of waste: Tennessee

Waste description:

Solid metal oxides, spinels, carbonates and aluminates (collectively referred to as "Reformed Residue")

Waste classification (Class A, Class B, or Class C): Class A, Class B & Class C

Waste form: stable unstable

Does waste contain any of the following radionuclides, check box(es) and complete blank(s):

C-14 15,429 millicuries (mCi)

- Tc-99 401.657 microcuries (uCi)
- I-129 67,371,429 nanocuries (nCi)
- Depleted Uranium 0 microcuries (uCi)
- Concentration 2.0 to 16.5 Ci/ft3 (provide units)

Source of generation

Fluid bed steam reforming of spent ion exchange resins and filters
and dry active wastes overfilled with Reformed Residue

4. Is the proposed waste a sealed source?

- No. Yes. Please explain: _____

5. Does Broker and/or Generator(s) 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: _____

6. Does Broker and/or Generator(s) have any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) 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: _____

7. **Certifications.** Applicant hereby certifies the following.
- a. The information provided herein is complete, accurate and correct.
 - b. The low-level radioactive waste for which this Application is submitted will be packaged and shipped in accordance with applicable state and federal regulations and is acceptable for disposal at the Compact Facility.
 - c. The person submitting this Application is authorized by Applicant to commit Applicant to each and every obligation and condition set forth herein and in the Agreement for Importation of Nonparty Compact Waste. A copy of a written document containing such authorization must be attached to this Application.
 - d. Applicant has delivered to the Compact Facility operator and TCEQ a copy of this Application and the Agreement for Importation of Nonparty Compact Waste (along with any supplements or amendment thereto).

8. **Authorized Signatory:**

Lloyd A. Solomon
Print or type name


Signature

Member, Board of Managers
Title

October 31, 2012
Date

ATTACHMENTS:

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