

**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 Studsvik Processing Facility Erwin, LLC

Contact Person Howard Stevens

Phone (404) 497-4908

Email howard.stevens@studsvik.com

Website address www.studsvik.com

Business Address 151 T.C. Runnion Road

Erwin, TN 37650 Mailing Address 151 T.C.

Runnion Road

Erwin, TN 37650

- Is Applicant:**
- | | |
|--|--|
| <input type="checkbox"/> Generator | <input checked="" type="checkbox"/> Licensed Waste Processor |
| <input type="checkbox"/> A Broker who is a: | <input type="checkbox"/> Licensed Waste Collector |
| <input type="checkbox"/> 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

1. Term/Duration from Date of Approval: April 27, 2014 through August 31, 2015

2. Waste proposed for importation.

Waste Volume (Cubic Feet) 1950

Waste Radioactivity in Curies 12,034

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 13,886 millicuries (mCi)

✓ Tc-99 361,491 microcuries (uCi)

✓ I-129 6 60,634,286 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:**

Howard Stevens
Print or type name



Signature

Member, Board of Managers
Title

February 4, 2014
Date

ATTACHMENTS:

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