

# IMPORT LICENSE

NRC FORM 250  
(10-07)

## UNITED STATES OF AMERICA

Nuclear Regulatory Commission  
Washington, D.C. 20555

NRC LICENSE NO.: IW017  
Amendment No. 03

NRC DOCKET NO.: 11005621

LICENSE EXPIRES: June 30, 2020

Pursuant to the Atomic Energy Act of 1954, as amended, and Title 10, Code of Federal Regulations, Chapter 1, Part 110, a license is hereby issued to the licensee designated below authorizing the import of nuclear materials and/or facilities into the United States of America in accordance with the statements and representations made by the licensee in the application referenced below. This license is subject to all applicable rules, regulations, and orders of the United States Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

### Reference Documents: Application dated November 2, 2015

U.S. Licensee/Receiving Facility: **EnergySolutions Services, Inc.**  
Bear Creek Operations  
1560 Bear Creek Road  
Oak Ridge, Tennessee 37831-2530

Attn: Duane R. Quayle

**EnergySolutions Services, Inc.**  
Memphis Processing  
1790 Dock Street  
Memphis, Tennessee 38113

Attn: Doug Hatch

**Erwin ResinSolutions, LLC**  
151 T.C. Runnion Road  
Erwin, Tennessee 37650

Attn: Joe Heckman

**Quantity and Type:** Radioactive Waste consisting of source, special nuclear and byproduct materials in varying combinations as surface or volumetric contaminants. The total quantity of special nuclear material (U-235 equivalent with enrichment levels at or below 20% by weight) authorized for import must not exceed 350 grams over the duration of this license. The total combined activity level for all other radionuclide contaminants must not exceed 380.064 TBq over the duration of this license. The specific quantity of each radionuclide authorized for import must not exceed the individual levels specified for each radionuclide identified in the import license application over the duration of this license, nor licensee's domestic possession limits. Contaminated materials to be imported will consist of up to 5,000 tons of ferrous and/or non-ferrous metals, 3,500 tons of dry activity material (e.g., wood, paper, resins and plastic), and 1,500 tons of liquids (e.g., aqueous and organic based fluids). There may be numerous import shipments over the duration of this license; however, no one shipment will exceed 10 CFR Part 110, Appendix P, Table I, Category 2; and no one shipment will exceed 10% of licensee's domestic possession limits, unless specifically authorized by the Radiation Safety Officer.

**Points of Origin:** EnergySolutions Canada, Inc., Brampton, Ontario, Canada

**End Use:** As authorized by licensee's domestic licenses, any materials imported under this license will be: recycled for beneficial reuse; decontaminated and appropriately released for authorized uses; conditionally released to authorized RCRA Subtitle D landfills; or otherwise used as described in the application for this license. Materials imported under this license that do not conform to specifications in the application, that are not released or processed in accordance with the licensee's domestic licenses, or that are wastes not deemed to be licensee's waste under its domestic licenses, will be returned to Canada under NRC Export License XW010/03.

**Amended to:** 1) change the supplier name from Duratek Services Inc., to EnergySolutions Services, Inc.; 2) change the point of contact from Phillip Gianutsos to Duane R. Quayle; 3) change supplier/consignee from Monserco Limited to EnergySolutions Canada, Inc.; 4) add two additional U.S. consignees; 5) increase activity commensurate with increased weight from 6,000 to 10,000 tons; 6) grant relief from package restrictions; 7) grant relief from waste classification per 10 CFR Part 61, "Licensing Requirements for Land Disposal of Radioactive Waste," and 8) extend the date of expiration from June 30, 2017 to June 30, 2020.

Authorized for the U.S. Nuclear Regulatory Commission by:

Name: Geoffrey B. Miller, Acting Deputy Director  
Office of International Programs

Signature: 

Date of Issuance: April 22, 2016

**License Condition:** This NRC license authorizes import only. The U.S. licensee and U.S. Receiving Facility are responsible for complying with any and all additional Federal and State government requirements that apply, including all terms and conditions of its domestic materials licenses.

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