

Request for Additional Information on EnergySolutions' Proposed Import and Export of Radioactive Material (IW029 and XW018)

1. § 110.32(a) specifies that the country of origin of equipment or material, and any other countries that have processed the material prior to its import into the U.S., must be identified in the license application. Please state whether the materials to be imported originated in other countries, and if so, which countries.
2. § 110.32(f)(5) states that the license application should identify, for proposed imports or exports of radioactive waste, the volume, physical and chemical characteristics, and ultimate disposition (including forms of management or treatment) of the waste. In the application, the materials proposed for import are described as "incinerable dry active material" that is in a form suitable for transport under DOT regulations. Please provide information on the physical and chemical characteristics of the materials, such as materials of construction, phase (solid, liquid, or gas), the size (or range of sizes), and waste type (clothing, glassware, sources, paper, hardware, etc.).
3. § 110.32(f)(6) states that the import application must describe ". . . the industrial or other process responsible for generation of the waste . ." While the application does not address this provision, the cover letter states that the proposed exporter specializes in the collection and conditioning of radioactive waste from hospitals, research, and technical facilities, but no other detail is provided. Please provide additional details on the processes responsible for the generation of the waste, including the types of "technical facilities" that generate the waste.
4. § 110.32(f)(6) states that the import application must describe the ultimate disposition (including forms of management or treatment) of the waste. The application states that residual radioactive material from processing the material, such as floor sweepings, booties, slag, etc. which is attributable to Duratek under its Tennessee license will be disposed of in accordance with the license. Please describe all of the types of residual waste that will result from incineration of these materials.
5. § 110.32(f)(6) states that the import application must describe the industrial or other process responsible for generation of the waste and the ultimate disposition (including forms of management or treatment) of the waste. Please describe in greater detail how a "dedicated campaign" for incineration will work in practice, and how it differs from conventional incineration at the facility.