



U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

DOE Packaging Certification Program

Safety Evaluation Report for Renewal of Certificate of Compliance No. 9204 for the Model 10-160B

Docket No. 26-02-9204

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SUMMARY

By letter^[1] dated October 9, 2025, the EnergySolutions (ES) certificate holder of DOE Certificate of Compliance (DOE) 9204, requested renewal of the CoC for the Model 10-160B. ES did not request any changes to the package design or authorized contents, and no changes were made to the operating procedures or for maintenance of the package.

EVALUATION

DOE Packaging Certification Program (PCP) staff reviewed the safety-basis document referenced in the current certificate (CoC Revision 12), as supplemented, and determined that the documentation was available and complete.

The safety basis document for CoC 9204 Revision 13 remains the *Consolidated Safety Analysis Report for Model 10-160B Type B Radwaste Shipping Cask* (CSAR), Energy Solutions Revision 3, January 2011, as supplemented per Section 5(e) of the CoC.

CONDITIONS OF APPROVAL

The following changes to CoC Rev 12 are required to implement changes evaluated in this SER and to simplify the CoC by removing excessive detail.

- Note – style changes throughout (“in.”, “lb.”, “n,nnn”, etc.)
- Section 5(a)(2)
 - Packaging content configurations simplified and updated for consistency throughout this section.
- Section 5(a)(3)
 - Drawing titles reordered and formatted in a table.
- 5(b)(2) *Maximum quantity of material per package:*
 - (viii) Added “(ppm)” for subsequent use in (xii).
- 5(d) Conditions:
 - Deleted (7), (11) through (19), and (23) in Rev 12 because they are redundant with the Section 5(a)(2). Deleted Condition (20) in Rev 12 because it’s redundant with Section 2(a). Subsequent conditions renumbered.
 - (9) Revised to “Revision 12 of this certificate may be used until December 31, 2025.” (concurred with by the certificate holder).
 - (10) Added “Use of this packaging for DOE shipments of TRU waste must be conducted in accordance with standards and protocols delineated in the TRU Waste Transportation Plan (DOE/CBFO-98-3103, current revision) or an alternative agreement between DOE and affected States or Tribes.” (added to clarify requirements for DOE shipments of TRU waste)
 - (11) Revised to “... shall consign the package for domestic transport” (revised for consistency with latest DOE certificates).
 - (12) Revised to “... certified package for domestic transport ...” (revised for consistency with latest DOE certificates),

- 5(e) Supplements:
 - (6) Revised to correct the title and date of the supplement.
 - (10) Added “Request for Renewal of U.S. Department of Energy (DOE) CoC No. 9204 for ,the Model No. 10-160B Package, EnergySolutions letter to Christopher P. Cable, dated October 9, 2025.” (per this docket).

CONCLUSION

Based on the statements and representations contained in CSAR Revision 3, as supplemented, DOE PCP staff concludes that the package design has been adequately described and evaluated, and the Model 10-160B package continues to meet the requirements of 10 CFR Part 71.

REFERENCE

- [1] *Request for Renewal of U.S. Department of Energy (DOE) CoC No. 9204 for the Model No. 10-160B Package*, Letter, A. Gelfond to C. Cable, October 9, 2025.