



Department of Energy

Washington, DC 20585

MEMORANDUM FOR WILLIAM E. KILMARTIN
DIRECTOR, MATERIAL DISPOSITION PROGRAM
OFFICE OF FISSILE MATERIALS DISPOSITION

FROM: JOANNE D. LORENCE *Joanne D. Lorence*
HEADQUARTERS CERTIFYING OFFICIAL
DIRECTOR
OFFICE OF PACKAGING AND TRANSPORTATION

SUBJECT: Authorization for Shipment of UF₄ in the ES-3100

In response to your request to Dr. James Shuler of my staff, dated June 15, 2016, Department of Energy (DOE) Certificate of the Compliance (CoC) Number 9315, Revision 10, for the Model ES-3100 package is amended based on this memorandum and its attached Safety Evaluation Report, with the following conditions:

1. Reference CoC Table 1.3, page 10, UF₄ contents – The Criticality Safety Index (CSI) is 2.0 and the material loading limit is 24 kg UF₄, of which 18.136 kg is 235U.
2. All other conditions of CoC No. 9315 shall remain the same.
3. This authorization shall expire on September 30, 2017.

If you have any questions, please contact me or Dr. James M. Shuler, Manager, DOE Packaging Certification Program, Office of Packaging and Transportation, at (301) 903-5513.

Attachment

cc: Jeff Arbital, Y-12
Yung Liu, ANL
Virginia Kay, NA-233
James Shuler, EM-4.24

