



U.S. Department  
of Transportation  
**Pipeline and  
Hazardous Materials  
Safety Administration**

**COMPETENT AUTHORITY CERTIFICATION  
FOR A TYPE B(U)F FISSILE  
RADIOACTIVE MATERIALS PACKAGE DESIGN  
CERTIFICATE USA/9516/B(U)F-96, REVISION 8**

East Building, PHH-23  
1200 New Jersey Avenue Southeast  
Washington, D.C. 20590

This certifies that the radioactive material package design described has been certified by the Competent Authority of the United States as meeting the regulatory requirements for a Type B(U)F packaging for fissile radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup>.

1. Package Identification - 9516.
2. Package Description and Authorized Radioactive Contents - as described in U.S. Department of Energy Certificate of Compliance No. 9516, Revision 1 (attached).
3. Criticality - The minimum criticality safety index is 0. There is no restriction on the number of packages per conveyance.
4. General Conditions -
  - a. Each user of this certificate must have in his possession a copy of this certificate and all documents necessary to properly prepare the package for transportation. The user shall prepare the package for shipment in accordance with the documentation and applicable regulations.
  - b. Each user of this certificate, other than the original petitioner, shall register his identity in writing to the Office of Hazardous Materials Technology, (PHH-23), Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, Washington D.C. 20590-0001.
  - c. This certificate does not relieve any consignor or carrier from compliance with any requirement of the Government of any country through or into which the package is to be transported.

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<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

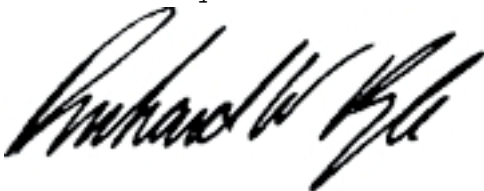
<sup>2</sup> Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

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- d. This certificate provides no relief from the limitations for transportation of plutonium by air in the United States as cited in the regulations of the U.S. Nuclear Regulatory Commission 10 CFR 71.88.
  - e. Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations<sup>1</sup> shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
- 5. Special Condition - All conditions as described in Paragraph 5 (d) of U.S. Department of Energy Certificate of Compliance No. USA/9516/B(U)F-96(DOE), Revision 1.
  - 6. Marking and Labeling - The package shall bear the marking USA/9516/B(U)F-96 in addition to other required markings and labeling.
  - 7. Expiration Date - This certificate expires on January 31, 2020.

This certificate is issued in accordance with paragraph 814 of the IAEA Regulations and Section 173.471 and 173.472 of Title 49 of the Code of Federal Regulations, in response to the February 03, 2015 petition by Department of Energy, Washington, DC, and in consideration of other information on file in this Office.

Certified By:



Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety

**Mar 04 2015**  
(DATE)

Revision 8 - Issued to endorse DOE Certificate of Compliance USA/9516/B(U)F-96(DOE), Revision 1.

Attachment notice for  
COMPETENT AUTHORITY CERTIFICATION FOR A  
TYPE B(U)F FISSILE RADIOACTIVE MATERIALS PACKAGE  
DESIGN CERTIFICATE USA/9516/B(U)F-96, REVISION 8

For a copy of DOE Certificate of Compliance 9516, Revision 1, please contact Won Yoon, NE-75, at (301) 903-5634



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**CERTIFICATE NUMBER:** USA/9516/B(U)F-96, Revision 8

**ORIGINAL REGISTRANT(S):**

Dr. James M. Shuler  
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U.S. Department of Energy  
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Washington, DC 20585

**REGISTERED USER(S):**

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