



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

East Building, PHH-23  
1200 New Jersey Ave, SE  
Washington, D.C. 20590

January 24, 2018

Dr. James M. Shuler  
Manager, Packaging Certification Program  
Department of Energy  
U.S. Department of Energy  
1000 Independence Ave, SW  
EM-60  
Washington, DC, 20585  
USA

Dear Dr. James M. Shuler,

As your December 11, 2017 letter requested, Department of Energy has been registered as a user of IAEA Certificate of Competent Authority USA/0819/H(M)-96 for the Kevil Kougat. This certificate, which revalidates the Certificate of Competent Authority No. authorizes the transport of the package from the point of entry to final destination in the United States, from point of origin in the United States to point of exit, and through the United States.

A copy of the certificate is enclosed. All future revisions of the certificate will be forwarded to Department of Energy at James.Shuler@em.doe.gov.

Sincerely,

Richard W. Boyle, Chief  
Radioactive Materials Branch  
Office of Engineering and Research



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

**COMPETENT AUTHORITY CERTIFICATION  
FOR A NON-FISSILE OR FISSILE EXCEPTED  
URANIUM HEXAFLUORIDE PACKAGE DESIGN  
CERTIFICATE USA/0819/H(M)-96, REVISION 0**

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 packaging for non-fissile or fissile excepted uranium hexafluoride 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 - Kevil Kougar.
2. Package Description - The Kevil Kougar is as described in Daher-TLI Document, TR-20000-010-105. It is a smooth hexagonal shaped packaging designed to carry one 48-inch uranium hexafluoride cylinder. It consists of an upper subassembly and lower subassembly, which are fastened together with ten toggle bolts, five per side. Each subassembly consists of an outer and inner steel shell secured to a frame assembly, with wood and polyurethane foam filling the space.
3. Authorized Contents - Solid, non fissile or fissile excepted uranium hexafluoride in 48-inch cylinders, Models 48G, 48H, 48HX, 48O, 48OM, 48OM(Allied), and 48T, which comply with the special conditions listed in Section 5 of this certificate.
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.

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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.

**CERTIFICATE USA/0819/H(M)-96, REVISION 0**

- 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.
  - d. Pursuant to Paragraph 558 of the IAEA Regulations, for each shipment made in accordance with this certificate, the shipper shall notify the competent authorities of each country through or into which the shipment is to be transported. The shipper shall ensure that this notification has been received by the competent authority at least 15 days prior to the commencement of the shipment.
  - 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 Conditions -
- a. Cylinders transported under this certificate must have been designed and manufactured in accordance with the ANSI N14.1 standard in effect at the time of manufacture.
  - b. Cylinders transported under this certificate must be operated and maintained in accordance with the ANSI N14.1 standard in effect at the time of shipment.
  - c. Cylinders transported under this certificate must contain a quantity of uranium hexafluoride which is compliant with both Title 49 of U.S. Code of Federal Regulations and the ANSI N14.1 standard in effect at the time of shipment.
6. Marking and Labeling - The package shall bear the marking USA/0819/H(M)-96 in addition to other required markings and labeling.
7. Expiration Date - This certificate expires on November 30, 2021.

**CERTIFICATE USA/0819/H(M)-96, REVISION 0**

This certificate is issued in accordance with paragraph 805 of the IAEA Regulations and Section 173.477 of Title 49 of the Code of Federal Regulations, in response to the October 27, 2016 petition by Transport Logistics International, Fulton, MD, and in consideration of other information on file in this Office.

Certified By:



**Dec 01 2016**

(DATE)

 William Schoonover

Acting Associate Administrator for Hazardous Materials Safety

Revision 0 - New issue of H(M) certificate for 48 inch cylinders tested hydraulically at an internal pressure of less than 2.76 MPa.



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**CERTIFICATE NUMBER:** USA/0819/H(M)-96

**ORIGINAL REGISTRANT(S) :**

Transport Logistics International  
8161 Maple Lawn Blvd  
Suite 450  
Fulton, MD, 20759  
USA

**REGISTERED USERS:**

Department of Energy  
U.S. Department of Energy  
1000 Independence Ave, SW  
EM-60  
Washington, DC, 20585  
USA