

December 2, 2015



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 16417
(FIRST REVISION)

EXPIRATION DATE: September 30, 2017

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: CB&I AREVA MOX Services, LLC
Aiken, SC
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the one-way transportation in commerce of six 48G cylinders containing depleted uranium hexafluoride that do not meet the specifications in ANSI N14.1. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
 - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.420(a)(2)(i) in that the valves installed on the cylinders do not meet the specifications in ANSI N14.1 and § 173.420(a)(3)(i) in that non-standard valves cannot be proven to satisfy the hydraulic test requirements, except as specified herein.
5. BASIS: This special permit is based on the application of CB&I AREVA MOX Services, LLC dated October 29, 2015, submitted in accordance with § 107.109.

December 2, 2015

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Radioactive material, uranium hexafluoride <i>non fissile or fissile-excepted</i>	7	UN2978	N/A

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Prescribed packagings are six 48G cylinders as described in the application on file with the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD).

(2) All 48G cylinders transported under the terms of this special permit must be equipped with a valve protection device specified in ANSI Standard N14.1 and all cylinders must be transported within CI-48 overpacks.

b. OPERATIONAL CONTROLS -

(1) No more than six cylinders containing depleted uranium hexafluoride specified in the application on file with the OHMSAPD may be transported under the terms of this special permit.

(2) One-way transportation is authorized by motor vehicle from 2102 Horn Rapids Rd., Richland, WA 98354 to the Department of Energy (DOE) Portsmouth, OH facility or the DOE Paducah, KY facility.

(3) Once the cylinders are delivered to the DOE Portsmouth, OH facility or the DOE Paducah, KY facility, transportation of the cylinders under the terms of this special permit is prohibited.

8. SPECIAL PROVISIONS:

a. Under the terms of this special permit, the grantee may only offer hazardous materials (i.e., the grantee is not authorized as a carrier).

b. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this special permit and the HMR.

c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

December 2, 2015

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)–“The Hazardous Materials Safety and Security Reauthorization Act of 2005” (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term “exemption” to “special permit” and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 Immediate notice of certain hazardous materials incidents, and 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



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

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: BOYLE/kah