

June 30, 2006



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 14267

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of fissile uranium contaminated equipment containing up to 252 grams of uranium-235 to be transported in US DOT 7A, Type A packaging. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - 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. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.417(a) as it pertains to the requirement to package certain fissile material in Type AF packaging or other authorized packages.
5. BASIS: This special permit is based on the application of Department of Energy dated October 13, 2005 submitted in accordance with § 107.105 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Radioactive material, Type A package, fissile <i>non-special form</i>	7	UN3327	N/A

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Packages authorized by this permit must meet the Type A package requirements of 49 CFR 173.461 through 173.465. Contents of the package may not exceed a Type A quantity.

(2) The only fissile material authorized in the packages is U-235. The maximum quantity of fissile material per package is 252 grams U-235.

(3) Packagings must have an internal volume of 90 cubic feet or greater.

b. OPERATIONAL CONTROLS -

(1) The packages must be consigned under exclusive use provisions and transported under the requirements for exclusive use shipments of 49 CFR 173.441 and 173.457.

(2) Other fissile materials may not be shipped in the same conveyance with packages authorized under this special permit.

(3) A minimum criticality safety index (CSI) of 50 must be assigned to each package.

(4) Equipment may be wrapped with polyethylene or other wrapping materials for contamination control.

(5) The presence of Beryllium may not exceed 1% of the U-235 mass limit.

8. SPECIAL PROVISIONS: A current copy of this special permit must be maintained at each facility where the package is offered for transportation.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle, Rail Freight.
10. MODAL REQUIREMENTS:
  - a. A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.
  - b. The grantee must ensure that each rail carrier involved in the transportation of packages covered by this special permit is provided with a current copy of 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.

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 -- OHMSPA, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



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for Robert A. McGuire  
Associate Administrator  
for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

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](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