U.S. Department
of Transportation
**Research and
Special Programs
Administration**

NOV 2 1 2000

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

DOT-E 12542

EXPIRATION DATE: October 31, 2001

1. GRANTEE: United States Enrichment Corporation
Bethesda, MD

2. PURPOSE AND LIMITATION:

a. This exemption authorizes a one-time, round-trip transportation in commerce of one Model 48X cylinder containing enriched uranium hexafluoride which does not comply with the required ANSI N14.1 design and manufacturing standards. The cylinder will be transported within a protective overpack, certified by the U.S. Nuclear Regulatory Commission, from Paducah, KY to Portsmouth, OH to be emptied and then returned to Paducah, KY for cleaning and disposal. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED:

a. 49 CFR § 173.420(a)(2) in that the cylinder is not required to be designed, fabricated, inspected, tested and marked in accordance with ANSI N14.1 in effect at the time of cylinder manufacture.

b. 49 CFR § 172.302(c) in that the package is not required to be marked with the DOT exemption marking.

5. BASIS: This exemption is based on the application of the United States Enrichment Corporation dated August 16, 2000, submitted in accordance with 49 CFR § 107.105 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi-fication Number	Packing Group
Uranium hexafluoride, fissile excepted or non-fissile	7	UN 2977	N/A

7. SAFETY CONTROL MEASURES:

(a) The grantee of this exemption must comply with all of the terms in their application and this exemption.

(b) The cylinder authorized by this exemption must be transported within a Paducah Tiger protective overpack (U.S. Nuclear Regulatory Commission Certificate of Compliance No. 6553).

(c) This exemption authorizes a one time, round trip transport from the USEC facility in Paducah, KY to the USEC facility in Portsmouth, OH of the cylinder identified in the application referenced in paragraph 5 of this exemption.

8. SPECIAL PROVISIONS: None.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard the motor vehicle used to transport the package covered by this exemption.

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

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- Registration required by § 107.601 et seq., when applicable.

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

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

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

NOV 21 2000

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: RWB