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

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

DOT-E 9967

APR 7 1989

1. The Department of Energy, Washington, D.C., is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to transport packages of depleted uranium hexafluoride in commerce, subject to the limitations and special requirements specified herein. This exemption authorizes one shipment of uranium hexafluoride, low specific activity, classed as radioactive materials, in a DOT authorized packaging filled to 67% of its certified volumetric capacity and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on the U.S. Department of Energy's (DOE) application dated April 14, 1988, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon.

3. HAZARDOUS MATERIALS (Descriptor and class). Uranium hexafluoride class as radioactive material.

4. PROPER SHIPPING NAME (49 CFR 172.101). Uranium hexafluoride, low specific activity.

5. REGULATION AFFECTED. 49 CFR 173.420(a)(4).

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. This exemption authorizes a one time only shipment of depleted uranium hexafluoride in a DOT authorized packaging filled to greater than normally allowed provided that:

a. The packaging prescribed is a Model 48G cylinder, Serial No. 126578, authorized by 49 CFR 173.420(a)(2) to be used for the transport of depleted uranium hexafluoride, low specific activity. Depleted uranium hexafluoride must be in solid form when offered for transportation. The volume of solid depleted uranium hexafluoride must not exceed 67% of the volumetric capacity of the packaging at 20°C (68°F). All other requirements of §173.420 must be met;

b. The shipment is made under exclusive use conditions; and

c. A separate vehicle with large-capacity fire extinguishers, appropriate emergency equipment for sealing leaks from the package as described in ORO-651, Revision 5, and communication equipment for prompt notification of incidents to the cognizant DOE operations office accompanies the shipment.

8. SPECIAL PROVISIONS.

a. A copy of this exemption must be carried aboard each motor vehicle used to transport the package covered by this exemption;

b. The shipper may use the packaging covered by this exemption pursuant to the provisions of 49 CFR 173.22a; and

c. Drivers of the transporting and accompanying motor vehicles must be instructed in the necessary safeguards and proper procedures to be followed in the event of unusual delay, fire or accident.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package or damage to the packaging must be reported to the Office of Hazardous Materials Transportation (OHMT) as soon as practicable.

10. EXPIRATION DATE. August 31, 1989, or upon completion of one shipment, whichever is earlier.

Issued at Washington, D.C.:

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Alan I. Roberts
Director
Office of Hazardous Materials Transportation

(DATE)

Address al inquiries to: Director, Office of Hazardous Materials Transportation, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Branch.

Dist: FHWA