



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

SEP 29 2004

DOT-E 12469
(FOURTH REVISION)

EXPIRATION DATE: August 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Department of Energy
Washington, DC

(See Appendix A to this exemption for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of seven (7) DOT Specification MC 312 and DOT 412 cargo tank motor vehicles containing radioactive material, low specific activity liquids. This exemption provides no relief from the Hazardous Materials Regulations (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: 49 CFR § 180.407 paragraphs (c), (d)(2)(ix) and (e) in that the five-year internal visual inspection and removal of the upper coupler assembly for visual inspection are waived in accordance with alternate test procedures described herein.

5. BASIS: This exemption is based on the application of the Department of Energy dated September 15, 2004, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Radioactive material, low specific activity, (LSA-I)	7	UN2912	N/A
Radioactive material, low specific activity, (LSA-II)	7	UN3321	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packagings are seven (7) DOT Specification MC 312 and DOT 412 cargo tank trailer motor vehicles fabricated from type 316 stainless steel. Tank serial numbers are 64-03858, 64-03859, 64-04268, 64-04275, 64-04294, 64-05385 and 64-05386.

b. TESTING - Each cargo tank must be annually pressure and thickness tested in accordance with the requirements specified in §§ 180.407(g) and § 180.407(i). The requirement to remove the upper coupler (fifth wheel) assembly when performing the external visual inspection required by § 180.407(d)(2)(ix) and the requirement to perform an internal visual inspection in accordance with § 180.407(e) are waived.

c. OPERATIONAL CONTROLS -

(1) The cargo tank motor vehicles must be in dedicated service transporting radioactive material, low specific activity liquids. Additionally, the LSA-I and LSA-II liquids being transported may not exceed an A2 quantity.

(2) The cargo tank motor vehicles must be operated under the DOE Handford Site Onsite Equivalent Safety Program.

8. SPECIAL PROVISIONS:

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

b. Each cargo tank motor vehicle must be plainly and durably marked "DOT-E 12469" in accordance with the provisions of §§ 172.302(b) and (c).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

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

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption 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 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.:

John


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

SEP 29 2004

(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.

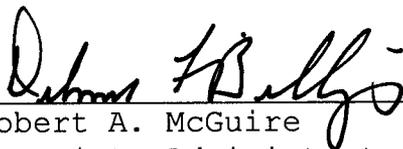
Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: PTOlson/sln

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Bechtel Hanford, Inc. Richland, WA	Sep 15, 2004	SEP 29 2004	Aug 31, 2006
CH2M Hill Hanford Group, Inc. Richland, WA	Sep 15, 2004	SEP 29 2004	Aug 31, 2006
Duratek Federal Services, Inc. Richland, WA	Sep 15, 2004	SEP 29 2004	Aug 31, 2006
Fluor Hanford Richland, WA	Sep 15, 2004	SEP 29 2004	Aug 31, 2006

for


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

SEP 29 2004

Date