



Additional information about the “Transportation Rule Changes” article appearing in the September 1, 2001 (Vol. 3 No. 2) issue of *Radioactive News*:



1. 49 CFR 172.101, “Hazardous Material Table” – Changes have been made to the shipping descriptions used when shipping radioactive material. Shipments of radioactive material by air were required to begin using these descriptions July 1, 2001. Use of the old shipping descriptions for domestic ground shipments is still authorized.

The Hazardous Material Table lists the United Nations (UN) Number and the proper shipping name for all hazardous materials. Changes to this table have been made for harmonization with the United Nations Recommendations, International Maritime Dangerous Goods Code and International Civil Aviation Organization’s Technical Instructions. The changes made to items in this table affect the package marking, bill of lading, declaration of dangerous goods and the emergency response information sheet.

A sample of these changes is demonstrated in the table below:

Type of Shipment	Previous Shipping Name	New Shipping Name
Type A, Special Form	Radioactive material, special form, n.o.s., UN 2974	Radioactive material, Type A package, special form, UN 3332
Type B, Special Form		Radioactive material, Type B(U) package, UN 2916
Type A, Normal Form	Radioactive material, n.o.s., UN 2982	Radioactive material, Type A package, UN 2915
Type B, Normal Form		Radioactive material, Type B(U) package, UN 2916
Empty depleted uranium shielded device (dose rate > 0.5 mr/hr on surface)	Radioactive material, low specific activity (LSA), n.o.s., UN 2912	Radioactive material, low specific activity (LSA-1), UN 2912
Empty depleted uranium shielded device (dose rate < 0.5 mr/hr on surface)	Radioactive material, excepted package – articles manufactured from depleted uranium, UN 2910	Radioactive material, excepted package – articles manufactured from depleted uranium, UN 2909

A copy of the new Hazardous Material Table is located in Federal Register (Vol. 66, No. 120), published Thursday, June 21, 2001; A copy of this Federal Register is available on-line at: http://hazmat.dot.gov/2000_7702_fr.pdf

2. 49 CFR 107, Subpart G, “Registration of Persons Who Offer or Transport Hazardous Materials” – Each shipper of Radioactive Yellow-III packages, or any other packages that require placarding of the transport vehicle, is required to register with the DOT using form F5800.2. Copies of DOT form F5800.2 and instructions may be obtained from the Hazardous Material Registration Program, DHM-60, U.S. Department of Transportation, Washington, DC 20590.

For more information about whether or not you need to register, please visit the DOT registration homepage at <http://hazmat.dot.gov/register.htm>. This site includes a link to an instructional brochure which discusses the need for registration and a link to registration form F5800.2. If you are not able to use the internet, you can call the DOT at (617) 494-2545 or (800) 942-6990 to request a copy of the brochure and form or to inquire about the status of registrations already submitted and certificates of registration. Questions concerning the registration program or its requirements should be directed to the DOT at (202) 366-4109.

3. 49 CFR 172.704, Subpart H, "Training" – Each employer is responsible for maintaining records of hazmat employee training and testing. This training is required to include general awareness of the Hazardous Material Regulations; function specific training related to the transportation functions performed by the employee; and safety training. The specific record keeping requirement is contained in 49 CFR 172.704(d).

Sec. 172.704, paragraph (b) discussing OSHA or EPA training is amended by adding the wording "or 1910.1200" immediately after the wording "1910.120". Training under these OSHA regulations may be used to satisfy the training requirements in paragraph 172.704(a).

4. 49 CFR 173.471, "Requirements for U.S. Nuclear Regulatory Commission Approved Packages" – The Hazardous Material Regulations contain the requirement that each shipper of a U.S. Nuclear Regulatory Commission (NRC) approved package register as a party to the packaging approval. This registration is a U.S. Department of Transportation requirement that is in addition to state requirements.

10 CFR 71.12 gives a mechanism for registering for use of an NRC-approved package. Strictly speaking however, it is stated there to be a requirement for NRC licensees. The fact that DOT in 49 CFR 173.471(a), requires it for any user of an NRC-approved package extends the requirement to all users. Registering with the NRC as a party to an NRC packaging approval is a very simple process. It can be done over the telephone by calling Ms. Eloise Ziegler in the NRC Spent Fuel Projects Office, at 301-415-8516.

If you have additional questions regarding these changes, please contact Michele Sampson, Transportation Enforcement Specialist, U.S. Department of Transportation, at 202.366.4700.