

## IATA 55th DGR First Addendum

The International Air Transport Association (IATA) published an addendum to the Dangerous Goods Regulations 55th edition (2014 DGR) on 23 December 2013. These miscellaneous amendments are effective 01 January 2014. One example of the changes includes Federal Express (FedEx) removing operator variation FX-12 completely and removing the exceptions in FX-18. This will require all FedEx Express® shipper's declarations (including radioactive class 7 material by air) to be prepared using approved software (programmed with dangerous goods compliance edit checks) by 01 May 2014. Therefore, the shipper declaration "templates" (in PDF or MS Word) will no longer be accepted after April 30, 2014. A list of FedEx approved dangerous goods shipping application vendors is available by calling FedEx and asking for "Dangerous Goods" or using FedEx's free Ship Manager software.



## Safe Transport of Radioactive Material by Sea

If you ship radioactive class 7 material internationally by vessel, this course is for you! The International Maritime Dangerous Goods Code (IMDG) and the additional requirements in 49 CFR are reinforced in this class with practical application, industry events, shipping scenarios and lively discussion. Basic shipper functions are also reviewed and interwoven throughout this workshop. Our 2-Day IMDG class has been added to our schedule for May 6th – 7th, 2014 at our Commerce Park office building located in Oak Ridge, Tennessee. Our Bear Creek, MSC & Gallaher facilities, and Hittman Transport are nearby should you want to take tour. Oak Ridge, TN is also near many great attractions in Knoxville, Pigeon Forge, Gatlinburg and the Great Smoky Mountains. We look forward to seeing you in Oak Ridge this May!



## Radioactive Shipping Class in Downtown San Diego, California

Please join us the week of June 9th -13th, 2014 in beautiful downtown San Diego, California at the Residence Inn Gaslamp Quarter. We will be presenting our comprehensive NRC/DOT Radioactive Waste Packaging, Transportation and Disposal Training Monday thru Thursday, then presenting IATA for Radioactive Material by Air Friday morning and FMCSA Load Securing for Radioactive Material Friday afternoon. Attend the courses you need applicable to your job functions. We hope to see you there!

### Recent Industry Issues

What an interesting radioactive class 7 material placard. Should the bottom of the yellow triangle be at the middle or about 1.1 inches up above the middle for domestic use? I hope you answered above the word "RADIOACTIVE." Who is at fault if you were to use this placard for transportation in the USA: The manufacturer or the shipper? Please double check

your placards to all the design, color, shape and size requirements in 49 CFR part 172 Subpart F for DOT compliant placarding.



## Frequently Asked Questions

Our FAQ topic below is about the new NRC increased security measures outlined in the Federal Register dated March 19, 2013 (78 FR 16922) and NUREG-2155. Please obtain a full copy for complete details at <http://www.gpo.gov/fdsys/pkg/FR-2013-03-19/pdf/2013-05895.pdf> and <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr2155/>

### \* When will 10 CFR Part 37 be applicable to licensees?

**Reference: 78 FR 16927 and NUREG-2155 Page 207**

NRC licensees must start complying by March 19, 2014. Agreement States must adopt the new rules in Part 37 by March 19, 2016; therefore Agreement State licensees will continue their applicable increased security actions as before until their respective State's new security regulations become effective. DOE licensees do not have to comply.

### \* How must the consignor verify the consignee has an appropriate license?

**Reference: 78 FR 16935 and NUREG-2155 Pages 205-209**

Licensees must verify the validity of consignee's license by using the NRC's new web-based license verification system (LVS) prior to each category 1 or 2 shipment. If the LVS is unavailable, then verification must be done through the appropriate NRC regional office or Agreement State authority, and the license verification must be documented. A facsimile, email or previous copy is not acceptable.

### \* What information must be verified on the consignee's license?

**Reference: 78 FR 16935 and NUREG-2155 Pages 205-209**

You must verify the licensee is authorized to receive the type, form and quantity of radioactive material to be transferred, and for category 1 transfers you must also verify the delivery address is authorized to receive this material. This verification is not required for transfers to DOE or other Federal exempt entities.

### \* Are there any licensee verification exemptions?

**Reference: NUREG-2155 Pages 205-209**

If both the LVS and licensing authority are not available, a written certification provided by the licensee is allowed in an emergency but must be confirmed by the end of the next business day. Also, transfers within the same company do not require license verification.

## Recent Industry Issues (cont.)

Should the label contain only one entry for the "total" activity in the package or multiple entries for the activity of each nuclide? What if the person used the 95% rule for consideration of space available and delisted some nuclides, will the total package activity be indicated with only these three (3) entries? Will the shipping papers reflect the same entries shown on this label or should the shipping papers indicate one "total" activity in the package?



The hazardous substance marking requirements in 49 CFR 172.324(a) state that if the proper shipping name of a material that is a hazardous substance does not identify it by name, the name of the hazardous substance must be marked on the package in parentheses, in association with the

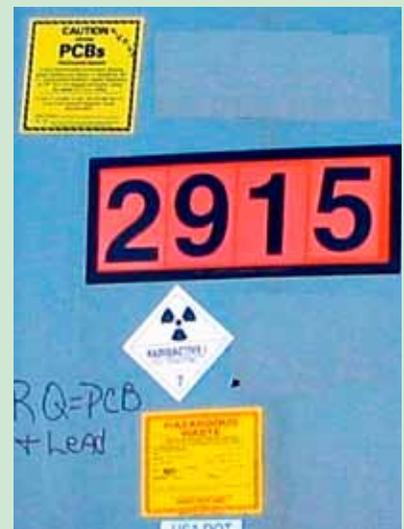
proper shipping name. However, that requirement does not apply to packages that are labeled with a radioactive label (labeled in accordance with 172.403). DOT reinforces this concept in two letters of interpretation Ref. Numbers 01-0241 and 02-0276

(see links below). It is permissible to add the constituent in parenthesis but it is not required. The letters "RQ" do need to be marked on the package. These requirements apply only to non-bulk packagings.

The "Caution Contains PCB" marking is required by 40 CFR Part 761, Subpart C.

[Click here for link #01-0241](#)

[Click here for link #02-0276](#)



## Latest Happenings in the Federal Register

### Paperless Hazard Communications Pilot Program

On November 25, 2013 (78 FR 70399), the Pipeline and Hazardous Materials Safety Administration (PHMSA) published a notice acknowledging comments received from the Federal Register published on July 19, 2013 regarding the Paperless Hazard Communications Pilot Program for Hazardous Materials Shipping Papers and Emergency Response Information (78 FR 43263) and now requests for commenter's to address the following four (4) issues: (1) Whether the proposed collection of information is necessary for the proper performance of the functions of PHMSA, including whether the information will have practical utility; (2) the accuracy of PHMSA's estimate of the burden of the proposed information collection; (3) ways to enhance the quality, utility, and clarity of the information to be collected; and (4) ways to minimize the burden of the collection of information on respondents, including the use of automated collection techniques or other forms of information technology. Interested persons are invited to submit comments on or before December 26, 2013.



### NRC Miscellaneous Federal Register Changes

On December 12, 2013 (78 FR 75449), the Nuclear Regulatory Commission (NRC) published a final rule making miscellaneous corrections to its final rule published in the Federal Register on June 7, 2013 (78 FR 34245). These changes include revising the name of its human capital office, correcting and adding missing cross references, correcting grammatical errors, revising language for clarity and consistency, and specifying metric units. The final rule inadvertently included additional errors in grammar and punctuation in 10 CFR 40.36(e)(2), Appendix G to 10 CFR part 50, 10 CFR 52.17(b)(2)(ii), and 10 CFR 70.25; and referencing in 10 CFR 52.17(b)(2)(i) and 10 CFR 52.18(f)(2). This rule is effective on December 12, 2013.

### Semiannual Regulatory Agendas

On January 7th, 2014, each federal agency published their semiannual regulatory agenda in the Federal Register: <http://www.gpo.gov/fdsys/search/getftoc.action?selectedDate=2014-01-07> The Regulatory Agendas are a semiannual summary of all current and projected rulemakings, reviews of existing regulations, and completed actions of a federal agency. The intent of the Agendas is to provide the public with information about each federal agency's regulatory activity planned for the next 12 months. It is expected that this information will enable the public to be more aware of and allow the public to more effectively participate in the federal register's regulatory activities. The public is also invited to submit comments on any aspect of these Agendas.

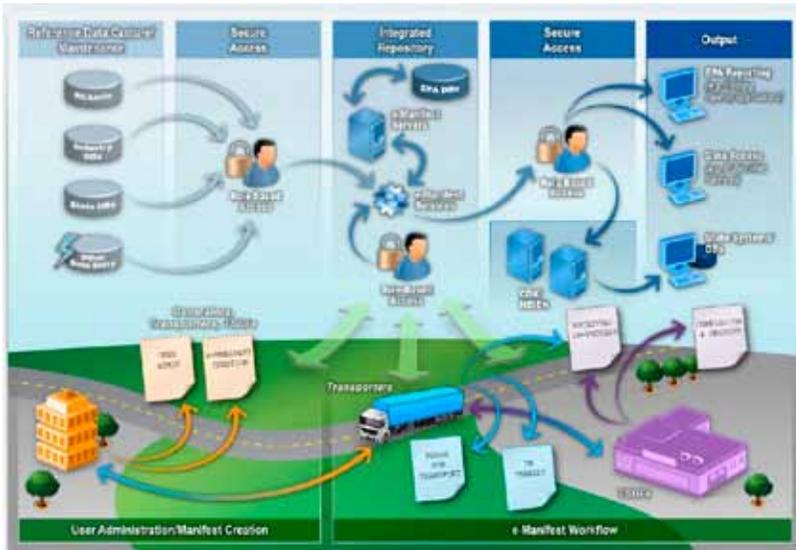


### Effective CFR Comment Request

On February 27, 2014 (79 FR 11051), the Office of the Secretary of Transportation (OST), DOT published a notice and request for comments on the next phase of its retrospective regulatory review process. This purpose of this review will determine if its existing regulations are valid and determine whether they are crafted effectively to solve current problems. OST DOT is asking for your comments on how this next phase should be managed and your reasons for your suggestions. The mission of the DOT is to serve the United States by ensuring a safe, fast, efficient, accessible, and convenient transportation system that meets our vital national interests and enhances the quality of life of the American people, today and into the future. Comments should be received on or before March 31, 2014. Late-filed comments will be considered to the extent practicable.



**Latest Happenings in the Federal Register (cont.)**



electronic hazardous waste manifest system with a goal of replacing the paper manifest forms. Once the national e-Manifest system is available, the use of electronic manifests will be the expected means for tracking hazardous waste shipments, although the Act and our regulations will allow users to currently opt out of the electronic manifest and continue to use the paper forms. This final rule is effective as a final agency action on August 6, 2014. However, the implementation and compliance date for these regulations will be delayed until such time as the e-Manifest system is shown to be ready for operation and the schedule of fees for manifest related services has been announced. EPA will publish a further document subsequent to this rule's effective date to announce the user fee schedule for manifest

**EPA eManifest System Update**

On February 7th, 2014 (79 FR 7518) the Environmental Protection Agency (EPA) published a final rule establishing the legal and policy framework for the national e-Manifest system authorized by the e-Manifest Establishment Act. This rule will allow manifest users to use an

related activities, and will also announce the date upon which compliance with this regulation will be required and upon which the EPA will be ready to receive electronic manifests through the national e-Manifest system.

**April 2014 - August 2014 Training Schedule**

Course	Date	Location
DOT/NRC Radioactive Waste Packaging, Transportation and Disposal Training	April 7-10, 2014	Charleston, SC
Air Transport of Radioactive Materials (IATA)	April 11, 2014	Charleston, SC
Load Securing of Radioactive Materials	April 11, 2014	Charleston, SC
<b>*Attend all three NRC/DOT courses consecutively for \$2,795.00 (savings of \$190.00)</b>		
Hazardous Material General Awareness Transportation Training	April 8, 2014	Richland, WA
Advanced Radioactive Material Shipper Certification Training	April 8-10, 2014	Albuquerque, NM
Federal Motor Carrier Safety Regulations for Drivers	April 9, 2014	Richland, WA
Basic Level Transportation Training – Module 1 – Basic Hazardous Material	April 14-16, 2014	Richland, WA
Basic Level Transportation Training – Module 2 – Basic Hazardous Waste	April 16, 2014	Richland, WA
Basic Level Transportation Training – Module 3 – Basic Radioactive Material	April 17-18, 2014	Richland, WA
<b>*Attend all three modules consecutively for \$1,385.00 (savings of \$510.00)</b>		
Advanced Radioactive Material Shipper Certification Training	April 15-17, 2014	Las Vegas, NV
Load Securement for Drivers and Traffic Personnel	April 16, 2014	Richland, WA
Highway Route Control Quantity (HRCQ)	April 17, 2014	Richland, WA
Advanced Radioactive Material Shipper Certification Training	April 22-24, 2014	Richland, WA
Hazardous Materials Drivers Training	April 23, 2014	Richland, WA
Advanced Mixed Waste Shipper Certification Training	April 28-May 2, 2014	Albuquerque, NM
Advanced Mixed Waste Shipper Certification Training	May 5-8, 2014	Las Vegas, NV
Hazardous Material General Awareness Transportation Training	May 13, 2014	Richland, WA
Federal Motor Carrier Safety Regulations for Drivers	May 14, 2014	Richland, WA
Advanced Mixed Waste Shipper Certification Training	May 19-22, 2014	Richland, WA

### April 2014 - August 2014 Training Schedule

Course	Date	Location
General Packaging Requirements for the Transport of Hazmat	June 3, 2014	Richland, WA
Radioactive Material Packaging Training	June 4, 2014	Richland, WA
Hazardous Material General Awareness Transportation Training	June 5, 2014	Richland, WA
DOT/NRC Radioactive Waste Packaging, Transportation and Disposal Training	June 9-12, 2014	San Diego, CA
Air Transport of Radioactive Materials (IATA)	June 13, 2014	San Diego, CA
Load Securing of Radioactive Materials	June 13, 2014	San Diego, CA
<b>*Attend all three NRC/DOT courses consecutively for \$2,795.00 (savings of \$190.00)</b>		
IATA: Transportation of Dangerous Goods by Air Shipper Certification Training	June 10-12, 2014	Las Vegas, NV
Federal Motor Carrier Safety Regulations for Drivers	June 12, 2014	Richland, WA
Federal Motor Carrier Safety Regulations for Managers & Supervisors	June 17-18, 2014	Richland, WA
Reasonable Suspicion Training for Supervisors	June 19, 2014	Richland, WA
Federal Motor Carrier Safety Regulations for Drivers	June 24, 2014	Richland, WA
Hazardous Material General Awareness Transportation Training	June 26, 2014	Richland, WA
Basic Level Transportation Training – Module 1 – Basic Hazardous Material	July 7-9, 2014	Las Vegas, NV
Basic Level Transportation Training – Module 2 – Basic Hazardous Waste	July 9, 2014	Las Vegas, NV
Basic Level Transportation Training – Module 3 – Basic Radioactive Material	July 10-11, 2014	Las Vegas, NV
<b>*Attend all three modules consecutively for \$1,385.00 (savings of \$510.00)</b>		
DOT/NRC Haz. Waste /Mixed Waste Packaging, Transportation and Disposal	July 14-17, 2014	Oak Ridge, TN
Air Transport of Radioactive Materials (IATA)	July 18, 2014	Oak Ridge, TN
Load Securing of Radioactive Materials	July 18, 2014	Oak Ridge, TN
<b>*Attend all three NRC/DOT courses consecutively for \$2,895.00 (savings of \$190.00)</b>		
Basic Level Transportation Training – Module 1 – Basic Hazardous Material	July 14-16, 2014	Albuquerque, NM
Basic Level Transportation Training – Module 2 – Basic Hazardous Waste	July 16, 2014	Albuquerque, NM
Basic Level Transportation Training – Module 3 – Basic Radioactive Material	July 18-19, 2014	Albuquerque, NM
<b>*Attend all three modules consecutively for \$1,385.00 (savings of \$500.00)</b>		
Basic Level Transportation Training – Module 1 – Basic Hazardous Material	July 21-23, 2014	Richland, WA
Basic Level Transportation Training – Module 2 – Basic Hazardous Waste	July 23, 2014	Richland, WA
Basic Level Transportation Training – Module 3 – Basic Radioactive Material	July 24-25, 2014	Richland, WA
<b>*Attend all three modules consecutively for \$1,385.00 (savings of \$500.00)</b>		
Hazardous Material General Awareness Transportation Training	July 22, 2014	Richland, WA
Federal Motor Carrier Safety Regulations for Drivers	July 23, 2014	Richland, WA
DOT/NRC Radioactive Waste Packaging, Transportation and Disposal Training	July 28-31, 2014	Orlando, FL
Air Transport of Radioactive Materials (IATA)	August 1, 2014	Orlando, FL
Load Securing of Radioactive Materials	August 1, 2014	Orlando, FL
<b>*Attend all three NRC/DOT courses consecutively for \$2,795.00 (savings of \$190.00)</b>		
Advanced Radioactive Material Shipper Certification Training	August 5-7, 2014	Richland, WA
Hazardous Materials Drivers Training	August 5, 2014	Richland, WA
Load Securement for Drivers and Traffic Personnel	August 7, 2014	Richland, WA
Federal Motor Carrier Safety Regulations for Drivers	August 12, 2014	Albuquerque, NM
Advanced Hazardous Material Shipper Certification Training	August 12-13, 2014	Las Vegas, NV
Federal Motor Carrier Safety Regulations for Managers & Supervisors	August 13-14, 2014	Albuquerque, NM
Reasonable Suspicion Training for Supervisors	August 14, 2014	Albuquerque, NM
Explosives Training for Shippers	August 14, 2014	Las Vegas, NV
Advanced Hazardous Material Shipper Certification Training	August 19-20, 2014	Richland, WA
Hazardous Material General Awareness Transportation Training	August 19, 2014	Richland, WA
Federal Motor Carrier Safety Regulations for Drivers	August 20, 2014	Richland, WA
Explosives Training for Shippers	August 21, 2014	Richland, WA