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TRANSPORT SAFETY E-LEARNING SERIES

Nuclear Safety and Security Programme

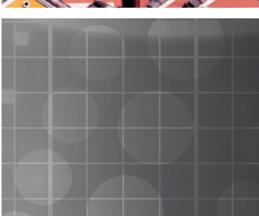
















Truck with international standard (ISO) transport container carrying irradiated liquid highly enriched uranium fuel (Uzbekistan).



66 Regulating safety is a national responsibility, however radiation risks may transcend national borders. 99



Global Meeting of Transport Safety Regional Projects - Drafting School for Transport Regulations.

adioactive materials have been used to improve the quality of our lives for over a century. These materials are used in, for example: health care, home products, agriculture and industrial applications.

Each day thousands of shipments of radioactive materials are transported around the world. Many products that we take for granted depend upon their safe, secure and reliable transport from manufacturer to end user.

The transport of radioactive materials has a long history spanning several decades. The safety record of these shipments is impressive, in over 50 years there has never been a transport incident that has caused significant radiological damage to people or the environment.

While regulating safety is a national responsibility, some practices involving the use or transport of radioactive materials may give rise to radiation exposures beyond the borders of the country in which they are carried out. International cooperation is required and serves to promote and strengthen safety globally by exchanging experience and by improving capabilities to control hazards, to prevent accidents, to respond to emergencies and to mitigate any harmful consequences.

Assistance to Member States

Compliance Assurance for the Safe Transport of the Radioactive Material (IAEA Safety Guide, No. TS-G.1.5) provides recommendations for ensuring that both domestic and international transport of radioactive material is carried out in compliance with the requirements listed in the Regulations for the Safe Transport of Radioactive Material (IAEA Safety Requirements, No. SSR-6). IAEA Safety Guide No. TS-G.1.5 is intended to assist in accomplishing uniform application

of transport regulations and to be used by competent authorities that are establishing or further developing programmes to ensure compliance with these regulations.

The means to discharge this responsibility include the establishment of a Compliance Programme that covers monitoring the design, manufacture, testing, inspection and maintenance of packaging, special form radioactive material and low dispersible radioactive material, and the preparation, documentation, handling and stowage of packages by consignors and carriers, and to provide evidence that the provisions of these regulations are being met in practice.

To assist competent authorities, the IAEA is developing a series of Transport Safety e-learning modules that cover the elements of the Compliance Assurance Circle (see FIG.1).

What do these e-modules cover?

The Transport Safety E-learning series provides participants with in-depth knowledge of IAEA

Safety Guide, No. TS-G.1.5 and IAEA Safety Requirements, No. SSR-6 (see FIG. 2 Structure of the Transportation Safety E-Learning Series and related guidance for complete information).

Who can register for this course?

This e-learning training series will be available in early 2017 and will be open to all interested participants. It is aimed primarily at staff of regulatory bodies responsible for transport.

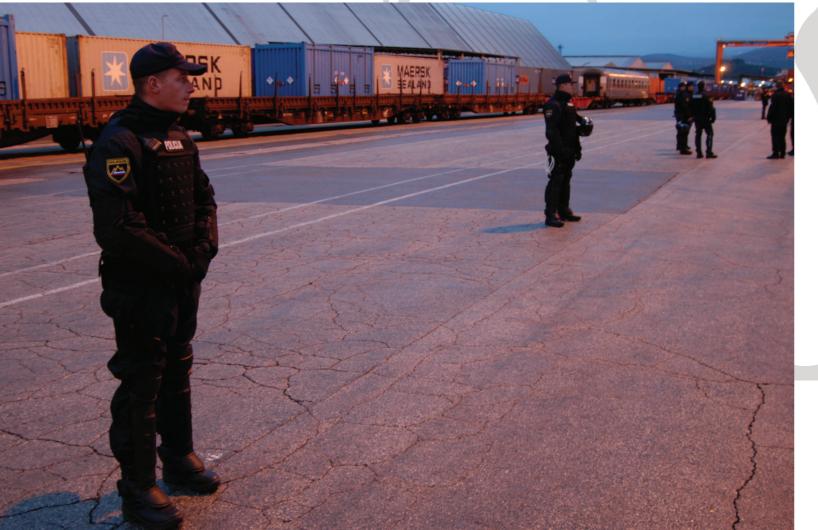
Registration is required for all participants and enables eligible participants to access the modules as well as attend the classroom portion.

After registering, all eligible participants must then enrol in the Introduction to Transport Safety of Radioactive Material classroom training course.

Who teaches this course?

The e-learning modules were developed by the IAEA training experts and transport safety specialists from around the world.

Nuclear fuel shipment (Serbia).

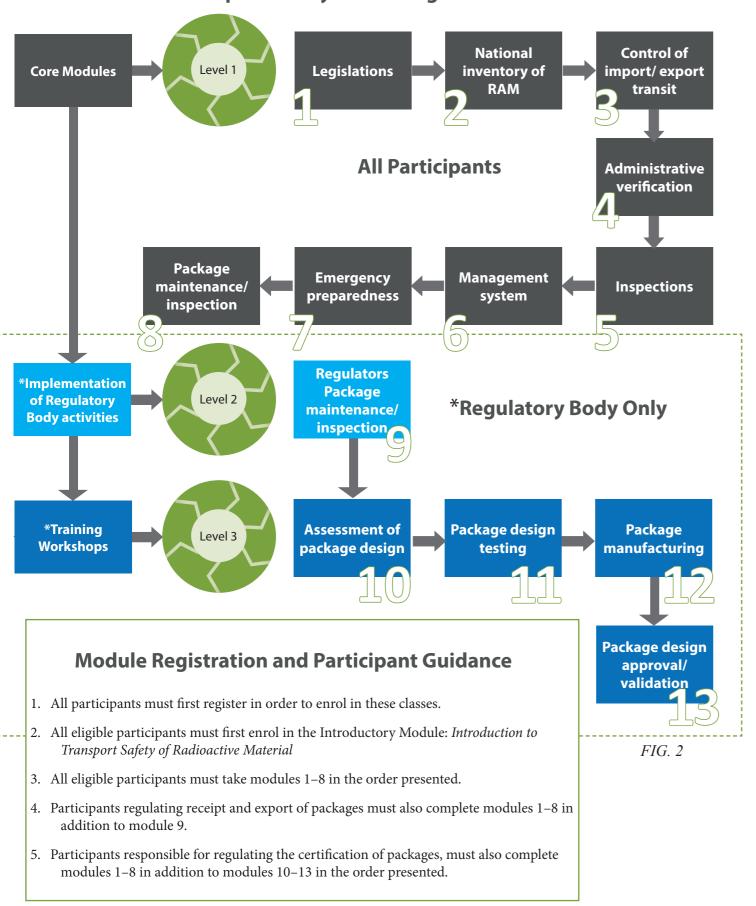




Compliance Assurance Circle







Structure of the Transport Safety E-Learning Series

Access Transport Safety e-learning at: <u>http://elearning.iaea.org</u>

60 Years IAEA Atoms for Peace and Development

MORE INFORMATION & POINT OF CONTACT

For further information on online training in safe transport of radioactive materials, please visit: http://elearning.iaea.org/m2/course/index.php?categoryid=83

Or contact: transportsafety@iaea.org

