

COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the Transport of Dangerous Goods

Thirty-sixth session
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Item 7 of the provisional agenda

COOPERATION WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)

Revision of the IAEA Safety Regulations (TS-R-1) and Implementation of Guidance for the Security in Transport of Radioactive Material

Transmitted by the International Atomic Energy Agency (IAEA)

1. By resolution 724 (XXVIII) of 17 July 1959, the Economic and Social Council informed the IAEA of its desire that the Agency be entrusted with the drafting of recommendations on the transport of radioactive substances, provided that they are consistent with the framework and general principles of recommendations of the Committee of Experts on the Transport of Dangerous Goods of the United Nations, and that they are established in consultation with the United Nations and the specialized agencies concerned:
2. Since then, the IAEA has elaborated, in close cooperation with the United Nations and its specialized agencies, the Regulations for the Safe Transport of Radioactive Material, the provisions of which were incorporated in the UN Model Regulations on the transport of Dangerous Goods (11th revised edition, 1999).
3. In October 2009 TRANSSEC (the IAEA committee dealing with transport) recommended that a revision of the IAEA Transport Safety Regulations should take place. This revision will focus on the subjects identified in Annex 1. This decision is subject to ratification in March.
4. The provisional timetable indicates that an initial draft will be transmitted to UNECE in March 2011, followed by a final draft in October 2011. This final draft will still be subject to approval by the IAEA Board, predicted to be requested in March 2012.
5. This set of changes is expected to represent a major update in the IAEA transport requirements, the most significant changes since 1996, requiring a new Edition.
6. In addition, the IAEA continues to develop proposals for security text based on feedback to date. The Sub-Committee may also wish to comment on the other provisions

contained in the IAEA Implementing Guide on “Security in the Transport of Radioactive Material” not included in previous information, which are based on Chapter 1.4 of the UN Model Regulations but which differ to a certain extent. The IAEA would consider submitting, a detailed proposal incorporating these on the basis of the feedback provided by the Sub-Committee on the draft proposal included as Annex 2.

7. The sub-committee is invited to provide comments on Annex 2, which may be sent by e-mail to Ms. Ann-Margret Eriksson at the following address: A.Eriksson@iaea.org.
8. The sub-committee is further invited to note that the Agency is in a position to support Member States in enhancing security measures for the transport of radioactive material, including that for their industries, and would welcome expressions of interest.

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Annex 1**Topics to be considered in the revision of the IAEA safety regulations**

| Issue | Paragraph influenced in TS-R-1 |
|---|--|
| Fissile | 222 (c), 417, 539, 672 , 672 bis1, 672 bis2 |
| Package testing | 619, 723 (a), 727, 735, |
| Radiation protection and surface contamination | 402,405, 405bis, 425, 507, 508, 512, 615(bis), 820(e), 822(d), 832(k); TRANSSC DETERMINED THAT THE PACKAGE SURFACE CONTAMINATION LIMITS SHOULD NOT BE CHANGED; MEMBER STATES' STAKEHOLDER AND INDUSTRY INPUT IDENTIFIED THE PROPOSED CHANGES AS TOO COMPLEX, COSTLY, AND DIFFICULT TO IMPLEMENT. |
| Regulatory | 223, 521 (b), 527(a), 606 (bis), 829, Table 8, 232, 306, |
| Subsidiary risk, Small quantity, LDRM and exclusive use | 419, 423 (b)(ii), 426 bis, 504, 514(a) , 423, 424(b), 425, 580, 581 Table 2 Table 10 |

Annex 2

**Example of amendment to Chapter 1.4 of the UN Model Regulations on the
Transport of Dangerous Goods**

1.4.1 General provisions

Add paragraphs after 1.4.1.2

1.4.1.3 Carriers should perform security inspections of conveyances and should ensure that these security measures remain effective during transport.

1.4.1.4 Consignors should provide appropriate crew members with written instructions on any required security measures, including how to respond to a security event during transport.

1.4.1.5 The consignor should provide advance notification to the consignee of the planned shipment, mode of transport and expected delivery time.

1.4.1.6 Existing 1.4.1.3

1.4.1.7 All consignors should have procedures in place that would initiate an inquiry about the status of packages that are not delivered to the intended recipient at the expected time.