

Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

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Sub-Committee of Experts on the Transport of Dangerous Goods

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Item 8 of the provisional agenda

Cooperation with the International Atomic Energy Agency

References to the IAEA Regulations for the Safe Transport of Radioactive Material

Note by the Secretariat

Introduction

1. The Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods of the United Nations Economic Commission for Europe met in Geneva from 17 to 26 September 2019.
2. At that session, the Joint Meeting adopted amendments to harmonise and clarify the references to the IAEA Regulations for the Safe Transport of Radioactive Material throughout RID/ADR/ADN. The proposed amendments were prepared by the secretariat after consultations with the delegation from Germany and with IAEA.
3. It was noted that the IAEA Regulations have changed their specific name several times as new editions have been published and that these names were not always used in a consistent manner throughout RID/ADR/ADN and the Model Regulations. The specific names are:
 - (a) For the 1985, 1985 (as amended 1990) editions: IAEA Safety Series No. 6
 - (b) For the 1996 edition: IAEA Safety Series No. ST-1
 - (c) For the 1996 (revised) edition: IAEA Safety Series No. TS-R-1 (ST-1, Revised)
 - (d) For the 1996 (as amended 2003), 2005, 2009 editions: IAEA Safety Standards Series No. TS-R-1
 - (e) For the 2012 edition: IAEA Safety Standards Series No. SSR-6
 - (f) For the 2018 edition: IAEA Safety Standards Series No. SSR-6 (Rev.1).
4. The proposed amendments consisted in replacing the corresponding references with a reference to the proper annual edition of the IAEA Regulations for the Safe Transport of Radioactive Material without specifying the corresponding code and to list the different codes in a definition in 1.2.1.
5. The Sub-Committee may wish to adopt the same approach for the Model Regulations.

Proposals

6. It is proposed that throughout the text of the Model Regulations, the references to the different editions of the IAEA Regulations are substituted by a single reference to the "IAEA Regulations for the Safe Transport of Radioactive Material" (proposal 1). Additionally, it is proposed to detail the different applicable editions in a definition in 1.2.1 (proposal 2).

Proposal 1

1.5.1.1 Amend the second sentence to read “These Regulations are based on the 2018 edition of the IAEA Regulations for the Safe Transport of Radioactive Material”.

6.4.24.1 Amend the heading above 6.4.24.1 to read “Packages not requiring competent authority approval of design under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

6.4.24.1 (a) Amend to read “Packages that meet the requirements of the 1985 or 1985 (as amended 1990) editions of the IAEA Regulations for the Safe Transport of Radioactive Material:”.

6.4.24.1 (b) Amend to read “Packages that meet the requirements of the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material:”.

6.4.24.2 Amend the heading above 6.4.24.2 to read “Packages designs approved under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

6.4.24.2 (a) Amend to read “Packagings that were manufactured to a package design approved by the competent authority under the provisions of the 1985 or 1985 (as amended 1990) editions of the IAEA Regulations for the Safe Transport of Radioactive Material may continue to be used provided that all of the following conditions are met:”.

6.4.24.2 (b) Amend to read “Packagings that were manufactured to a package design approved by the competent authority under the provisions of the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material may continue to be used provided that all of the following conditions are met:”.

6.4.24.3 Replace “Editions of IAEA Safety Series No.6” by “editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

6.4.24.4 Amend to read “No new manufacture of packagings of a package design meeting the provisions of the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material shall be permitted to commence after 31 December 2028.”.

6.4.24.5 In the heading above 6.4.24.5, replace “(2009 Edition of IAEA Safety Standard Series No.TS-R-1)” by “(2009 edition of the IAEA Regulations for the Safe Transport of Radioactive Material”.

6.4.24.6 Amend the heading above 6.4.24.6 to read “Special form radioactive material approved under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.

6.4.24.6 Amend to read “Special form radioactive material manufactured to a design which had received unilateral approval by the competent authority under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material may continue to be used when in compliance with the mandatory management system in accordance with the applicable requirements of 1.5.3.1. There shall be no new manufacture of special form radioactive material to a design that had received unilateral approval by the competent authority under the 1985 or 1985 (as amended 1990 editions of the IAEA Regulations for the Safe Transport of Radioactive Material. No new manufacture of special form radioactive material to a design that had received unilateral approval by the competent authority under the 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 and 2012

editions of the IAEA Regulations for the Safe Transport of Radioactive Material shall be permitted to commence.”.

In the “Table of correspondence between paragraph numbers in the IAEA regulations...” delete “SSR-6 (Rev.1)” and in the heading row of the table, replace “SSR-6” by “IAEA regulations (2018 edition)”.

Proposal 2

1.2.1 Add a new definition to read as follows:

“*IAEA Regulations for the Safe Transport of Radioactive Material*” means one of the editions of those Regulations, as follows:

- (a) For the 1985, 1985 (as amended 1990) editions: IAEA Safety Series No. 6
- (b) For the 1996 edition: IAEA Safety Series No. ST-1
- (c) For the 1996 (revised) edition: IAEA Safety Series No. TS-R-1 (ST-1, Revised)
- (d) For the 1996 (as amended 2003), 2005, 2009 editions: IAEA Safety Standards Series No. TS-R-1
- (e) For the 2012 edition: IAEA Safety Standards Series No. SSR-6
- (f) For the 2018 edition: IAEA Safety Standards Series No. SSR–6 (Rev.1).”

Additional comment

7. The Sub-Committee may also wish to amend 6.1.1.1 to refer to “the IAEA Regulations for the Safe Transport of Radioactive Material” instead of “Regulations of the International Atomic Energy Agency (IAEA)” / “IAEA Regulations”.

Reference to the 1973 and 1973 (as amended) editions in 6.4.24.3

8. The Joint Meeting also noted that the reference to the 1973 and 1973 (as amended) editions of the IAEA Regulations for the Safe Transport of Radioactive Material was deleted in the heading above 6.4.24.2 and in 6.4.24.2 of the twenty-first revised edition of the Model Regulations and that this reference might also be deleted in 6.4.24.3. The Sub-Committee may wish to confirm if the reference to these editions in 6.4.24.3 is still valid.
