

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

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Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

Geneva, 17–27 September 2019

Item 4 of the provisional agenda:

Harmonization with the United Nations Recommendations on the Transport of Dangerous Goods

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

Note by the Secretariat

Purpose

1. During the discussion of document ECE/TRANS/WP.15/AC.1/2019/22/Add.1 the delegation from Germany identified some inconsistencies in the references to the IAEA Regulations for the Safe Transport of Radioactive Material. After consultations with the delegation from Germany and with IAEA, the Secretariat has drafted this proposal to address the way these references are made in the text of RID/ADR/ADN. If adopted, this proposal should also be forwarded to the Sub-Committee of Experts on the Transport of Dangerous Goods, as the text which is being discussed comes from the Model Regulations.

Introduction

2. When text from the IAEA Regulations for the Safe Transport of Radioactive Material is transposed into the Model Regulations (and later into RID/ADR/ADN) some adaptations are needed. In particular, when the IAEA Regulations cite previous versions of those same Regulations, the phrase “these Regulations” is used, which when transposed to RID/ADR/ADN is changed into a reference to the IAEA Regulations.

3. An example of how this is currently done is shown below:

IAEA: “Packages that meet the requirements of the 1985 or 1985 (As Amended 1990) Editions of these Regulations”

RID/ADR/ADN: “Packages that meet the requirements of the 1985 or 1985 (as amended 1990) Editions of IAEA Safety Series No.6”

4. This approach is slightly problematic due to the fact that the IAEA Regulations have changed their specific name several times as new editions have been published. 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).

5. Trying to insert these distinctions throughout the text of RID/ADR/ADN, especially when multiple editions are cited in one sentence, is cumbersome and has proved to be error prone.

Proposal

6. It is proposed that throughout the text, the references to the different specific codes of each group of 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, if the codes of the different editions of the IAEA Regulations want to be kept in the publication, it is proposed to include them a single time in 1.2.1 (proposal 2).

Proposal 1

7. Amend ECE/TRANS/WP.15/AC.1/2019/22/Add.1 as follows:

- 1.6.6.1 Amend the title to read: “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”.
- 1.6.6.1 (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:”.
- 1.6.6.1 (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:”.
- 1.6.6.2 Amend the title to read: “Package 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”.
- 1.6.6.2.1 (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:”.
- 1.6.6.2.1 (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:”.
- 1.6.6.2.3 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.”.
- 1.6.6.4 Amend the title to read: “Special form radioactive material approved under the 1985, 1985 (as amended 1990), 1996, 1996 (revised), 1996 (as amended 2003), 2005, 2009 or 2012 editions of the IAEA Regulations for the Safe Transport of Radioactive Material”.
- 1.6.6.4 Amend the paragraph under the title to read: “Special form radioactive material manufactured to a design that 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 1.7.3. 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 after 31 December 2025.”.

8. Amend RID/ADR/ADN as follows:

1.6.6.3 Amend the title to read: “Packages excepted from the requirements for fissile materials under the 2011 and 2013 editions of ADR (2009 edition of the IAEA Regulations for the Safe Transport of Radioactive Material)”.

Proposal 2

9. Amend RID/ADR/ADN as follows:

Chapter 1.2

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).”