

OTIF



**ORGANISATION INTERGOUVERNEMENTALE POUR
LES TRANSPORTS INTERNATIONAUX FERROVIAIRES**

**ZWISCHENSTAATLICHE ORGANISATION FÜR DEN
INTERNATIONALEN EISENBAHNVERKEHR**

**INTERGOVERNMENTAL ORGANISATION FOR INTER-
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RID/ADR

Joint Meeting of the RID Safety Committee and the
Working Party on the Transport of Dangerous Goods
(Bern, 18 – 22 March 2002)

**Reporting incidents involving dangerous goods;
Clarification of the text in RID/ADR 1.8.5.3 (new)**

Proposal transmitted by the International Union of Railways (UIC)

At its 38th session, the RID Committee of Experts shared the view set out by UIC in INF. 3 that the requirement to report on incidents involving radioactive materials in accordance with criterion (b) only applies if criteria (a) and (c) are met and an "incident" has therefore occurred, i.e. this requirement does not apply to the normal transport operation (see paragraph 5 of the report of the 38th session).

However, as this is not clear from the text of 1.8.5.3, and as road transport is also affected, UIC was asked to submit a proposal to the RID/ADR Joint Meeting to clarify the text.

Although UIC considers the statement of clarification made by the RID Committee of Experts to be sufficient in itself, it has proposed the attached text for the purpose of clarification, as requested.

For editorial and logical reasons (aligning the sequence of the individual criteria with the sequence in the first paragraph), when revising the part of the text concerning Class 7, the "personal injury" section should be moved somewhere else within the sub-section, and in Class 6.2, should not be described as a "duty to report" criterion, but as a "leakage of product" criterion on the basis of the Class 7 conditions, and it should be placed elsewhere.

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For clarity, amended text is shown in *italics* and the part of the text concerning Class 7 is shown in **bold**. Text that has been moved is underlined.

Chapter 1.8

1.8.5.3 To read as follows:

An occurrence subject to report in accordance with 1.8.5.1 has occurred if dangerous goods were released or if there was an imminent risk of loss of product, if personal injury, material or environmental damage occurred, or if the authorities were involved and one or more of the following criteria has/have been met:

Loss of product means the release of dangerous goods

- (a) of transport category 0 or 1 in quantities of 50 kg/50 l or more
- (b) of transport category 2 in quantities of 333 kg/333 l or more, or
- (c) of transport category 3 or 4 in quantities of 1000 kg / 1000 l or more.

If dangerous goods of Class 6.2 are involved, any leakage of infectious substances shall be considered as a loss of product.

The loss of product criterion also applies if there was an imminent risk of loss of product in the above-mentioned quantities. As a rule, this has to be assumed if, owing to structural damage, the means of containment is no longer suitable for further carriage or if, for any other reason, a sufficient level of safety is no longer ensured (e.g. owing to distortion of tanks or containers, overturning of a tank or fire in the immediate vicinity).

In occurrences involving Class 7 material, the criteria for loss of product are:

- (a) Any release of radioactive material from the packages;**
- (b) Where there is reason to believe that there has been a significant degradation in any package safety function (containment, shielding, thermal protection or criticality) that may have rendered the package unsuitable for continued carriage without additional safety measures, or**
- (c) *if as a result of an occurrence in accordance with (a) or (b), exposure occurs that leads to a breach of the limits set out in the regulations for protection of workers and members of the public against ionizing radiation (Schedule II of IAEA Safety Series No. 115 – "International Basic Safety Standards for Protection Against Ionizing Radiation and for Safety of Radiation Sources").***

Note. See the requirements of 7.5.11 CW 33(6) for undeliverable consignments.

Personal injury means an occurrence in which death or injury directly relating to the dangerous goods carried has occurred, and where the injury

- (a) requires intensive medical treatment,
- (b) requires a stay in hospital of at least one day, or

(c) results in the inability to work for at least three consecutive days.

Material damage and/or environmental damage means the release of dangerous goods irrespective of the quantity, where the estimated amount of damage exceeds 50,000 EURO. Damage to any directly involved means of transport containing dangerous goods and to the modal infrastructure shall not be taken into account for this purpose.

Involvement of authorities means the direct involvement of the authorities or emergency services during the occurrence involving dangerous goods and the evacuation of persons or closure of public traffic routes (roads/railways) for at least three hours owing to the danger posed by the dangerous goods.

If necessary, the competent authority may request further relevant information".
