



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)  
WORKING GROUP MEETING (DGP-WG/17)**

**Montreal, 24 to 28 April 2017**

**Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2019-2020 Edition**

**2.1: Part 1 — General**

**APPROVALS AND EXEMPTIONS FOR THE TRANSPORT OF RADIOACTIVE MATERIAL**

(Presented by D. Mirko)

**SUMMARY**

This working paper proposes adding a note to the special arrangement provisions for the transport of radioactive material in Part 1;6.4 of the Technical Instructions for its facilitation.

**Action by the DGP-WG:** The DGP-WG is invited to agree to the text of the note in Part 1; 6.4, as shown in the appendix to this working paper.

**1. INTRODUCTION**

1.1 There are cases of shippers requiring exemptions to ship consignments of radioactive material which could not be packaged in full compliance with the Technical Instructions and also requiring approvals from the competent authority because of higher radioactive material activity levels.

1.2 A conflict between the issuance of approvals and exemptions applicable to all dangerous goods versus approvals specifically applicable to radioactive material was discussed at the sixteenth working group meeting of the Dangerous Goods Panel (DGP-WG/16, Montreal, 17 to 21 October 2016) (see paragraph 3.2.1.2 of the DGP-WG/16 Report).

1.3 For example, international transport of radioactive material with an activity of more than 3000 A<sub>1</sub> or 3000 A<sub>2</sub>, or 1000 TBq, in type B (U) containers, under UN 2919, requires unilateral approval for package design, multilateral approval of shipment, and notification to the competent authorities of States involved in transport. At the same time the Technical Instructions have no limitation for issuing an exemption for such transport. It could be the case that several documents would be required for such a consignment, e.g. for package design, special arrangement and exemption from all States concerned.

1.4 Presence of an approval and exemption for a consignment creates confusion with operators and complexity in communication between shippers and consignees. To facilitate such transport arrangements, a note to Part 1; 6.4 of the Technical Instructions is proposed.

## 2. **ACTION BY THE DGP-WG**

2.1 The DGP-WG is invited to add a note to Part 1; 6.4, “Special arrangement” as shown in the appendix to this working paper.

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**APPENDIX**

**PROPOSED AMENDMENT TO PART 1 OF THE TECHNICAL INSTRUCTIONS**

**Part 1**

**GENERAL**

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**Chapter 6**

**GENERAL PROVISIONS CONCERNING RADIOACTIVE MATERIAL**

*Parts of this Chapter are affected by State Variations BR 8, JP 3, JP 23; see Table A-1*

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**6.4 SPECIAL ARRANGEMENT**

6.4.1 Special arrangement means those provisions, approved by the competent authority, under which consignments which do not satisfy all the requirements of these Instructions applicable to radioactive material may be transported.

6.4.2 Consignments for which conformity with any provision applicable to radioactive material is impracticable must not be transported except under special arrangement. Provided the competent authority is satisfied that conformity with the radioactive material provisions of these Instructions is impracticable and that the requisite standards of safety established by these Instructions have been demonstrated through alternative means, the competent authority may approve special arrangement transport operations for a single consignment or a planned series of multiple consignments. The overall level of safety in transport must be at least equivalent to that which would be provided if all the applicable requirements had been met. For international consignments of this type, multilateral approval must be required.

*Note.— If radioactive material is transported under an exemption for the transportation of dangerous goods, such exemption does not relieve it from obtaining special arrangement approval.*

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