

8 and a maximum conductivity of 1 mS/m (10 micromho/cm) at 20°C (68°F).

* * * * *

(iv) The specimen shall then be kept for at least seven days in still air at not less than 30°C (86°F) and relative humidity not less than 90%.

* * * * *

(2) * * *

(i) The specimen shall be immersed in water at ambient temperature. The water shall have an initial pH of 6–8 and a maximum conductivity of 1 mS/m (10 micromho/cm) at 20°C (68°F).

* * * * *

(iv) The specimen shall then be kept for at least seven days in still air at not less than 30°C (86°F) and relative humidity not less than 90%.

* * * * *

(d) * * *

(1) The impact test and the percussion test of this section provided that the mass of the special form radioactive material is less than 200 g and it is alternatively subjected to the Class 4 impact test prescribed in ISO 2919, “Sealed Radioactive Sources—Classification” (IBR, see § 171.7 of this subchapter); and

* * * * *

■ 41. In § 173.471, the introductory text is revised to read as follows:

§ 173.471 Requirements for U.S. Nuclear Regulatory Commission approved packages.

In addition to the applicable requirements of the U.S. Nuclear Regulatory Commission (NRC) and other requirements of this subchapter, any offeror of a Type B(U), Type B(M), or fissile material package that has been approved by the NRC in accordance with 10 CFR part 71 must also comply with the following requirements:

* * * * *

■ 42. In § 173.473, the introductory text is revised to read as follows:

§ 173.473 Requirements for foreign-made packages.

In addition to other applicable requirements of this subchapter, each offeror of a foreign-made Type B(U), Type B(M), Type C, Type CF, Type H(U), Type H(M), or fissile material package for which a Competent Authority Certificate is required by IAEA’s “Regulations for the Safe Transport of Radioactive Material, No. TS-R-1,” (IBR, see § 171.7 of this subchapter) shall also comply with the following requirements:

* * * * *

■ 43. In § 173.476, “; and” at the end of paragraph (c)(3) is removed and a semi-

colon is added in its place, paragraph (c)(4) is revised and a new paragraph (c)(5) is added to read as follows:

§ 173.476 Approval of special form Class 7 (radioactive) materials.

* * * * *

(c) * * *

(4) For the original request for a Competent Authority Certificate, evidence of a quality assurance program based on international, national or other standards, for the design, manufacture, testing, documentation, use, maintenance and inspection, as appropriate, of all special form material offered for transport by the requester; and

(5) A description of any proposed pre-shipment actions, such as leak testing, for use in the consignment of special form radioactive material for transport.

* * * * *

■ 44. A new § 173.477 is added to read as follows:

§ 173.477 Approval of packagings containing greater than 0.1 kg of non-fissile or fissile-excepted uranium hexafluoride.

(a) Each offeror of a package containing more than 0.1 kg of uranium hexafluoride must maintain on file for at least one year after the latest shipment, and provide to the Associate Administrator on request, a complete safety analysis, including documentation of any tests, demonstrating that the package meets the requirements of § 173.420. An IAEA Certificate of Competent Authority issued for the design of the packaging containing greater than 0.1 kg of non-fissile or fissile-excepted uranium hexafluoride may be used to satisfy this requirement.

(b) Prior to the first export shipment of a package containing greater than 0.1 kg of uranium hexafluoride from the United States, each offeror shall obtain a U.S. Competent Authority Certificate for the packaging design. For packagings manufactured outside the United States, each offeror shall comply with § 173.473.

(c) Each request for a U.S. Competent Authority Certificate as required by the IAEA regulations must be submitted in writing, in triplicate, by mail or other delivery service to the Associate Administrator. Alternatively, the request with any attached supporting documentation submitted in an appropriate format may be sent by facsimile (fax) to (202) 366–3753 or (202) 366–3650, or by electronic mail (e-mail) to ramcert@rspa.dot.gov. Each request is considered in the order in which it is received. To allow sufficient time for consideration, requests must be

received at least 90 days before the requested effective date. Each request for a U.S. Competent Authority Certificate must include the following information:

(1) A safety analysis report which, at a minimum, provides a detailed description of the packaging and contents; a description of the manufacturing process used for the packaging; and details of the tests conducted and copy of their results, evidence based on calculative methods to show that the package is able to pass the tests, or other evidence that the package complies with § 173.420; and

(2) For the original request for a Competent Authority Certificate, evidence of a quality assurance program.

PART 174—CARRIAGE BY RAIL

■ 45. The authority citation for part 174 continues to read as follows:

Authority: 49 U.S.C. 5101–5127; 49 CFR 1.53.

■ 46. In § 174.700, paragraph (b) is revised, paragraphs (d) through (f) are redesignated as paragraphs (e) through (g), respectively, and a new paragraph (d) is added to read as follows:

§ 174.700 Special handling requirements for Class 7 (radioactive) materials.

* * * * *

(b) The number of packages of Class 7 (radioactive) materials that may be transported by rail car or stored at any single location is limited to a total transport index and a total criticality safety index (as defined in § 173.403 of this subchapter) of not more than 50 each. This provision does not apply to exclusive use shipments as described in §§ 173.403, 173.427, 173.441, and 173.457 of this subchapter.

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(d) Each shipment of fissile material packages must conform to requirements of §§ 173.457 and 173.459.

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PART 175—CARRIAGE BY AIRCRAFT

■ 47. The authority citation for part 175 continues to read as follows:

Authority: 49 U.S.C. 5101–5127; 49 CFR 1.53.

■ 48. In § 175.700, paragraph (a) is revised to read as follows:

§ 175.700 Special limitations and requirements for Class 7 (radioactive) materials.

(a) In addition to other requirements, no person may transport in a passenger-carrying aircraft any package required to be labeled in accordance with § 172.403