



world nuclear
transport institute

International Organization for Standardization (ISO)

ISO/TC85/SC5/WG4
– Transport of radioactive material
16th Meeting

WNTI Meeting Report

Date: 9 March 2026

Location: Virtual

SUMMARY MEETING REPORT

HOST ORGANISATION: International Organization for Standardization (ISO)
MEETING TITLE: 16th Meeting ISO TC 85/SC 5/WG 4
LOCATION: Virtual
DATE: 9 March 2026
REPORT BY: Kuniharu Kinoshita

Participants / Attendees:

- Kuniharu Kinoshita, WNTI Engineering and EPR specialist
- 19 other participants; for details, refer to the official minutes provided by the ISO.

Purpose / Objectives of Meeting

ISO/TC 85/SC 5/WG 4 (Transport of Radioactive Material) is a working group dedicated to developing, maintaining, and promoting standards related to equipment and procedures used in the transport of all radioactive materials, including those for nuclear fuel cycle, research activities, industry, and medical applications.

Key Takeaways / Points

- **Status Updates on ISO Standards**
Progress and current status were shared for ISO 7195 (UF6 packagings) including both the published amendment and the next revision, ISO 12807 (leak testing), and ISO 10276 (trunnions).
- **Upcoming WG4 Meeting in Birmingham, US (August 2026)**
The next WG4 meeting is scheduled for August 2026 in Birmingham, US. The main focus is expected to be on the revision of ISO 7195 (UF6 packagings).

Summary of Meeting

1. ISO 7195 (Packagings for transport of uranium hexafluoride (UF6))

a) Amendment concerning welded cylinders 1S/2S and new valves:

- It was reported that the amendment was published in January 2026.
<https://www.iso.org/standard/87656.html>

b) Revision to include 30B-X cylinders for UF6 up to 10% or 20% enrichment:

- At this meeting, the following progress was reported.
 - 30B and 30B-X drawings were updated with respect to tolerances.
 - Consistency between ANSI and ISO standards, such as the use of impact tools, was discussed, and it was agreed to communicate this difference to the ANSI Secretariat.
 - The comments submitted during systematic review will be addressed during the revision process.

2. ISO 12807 (Safe transport of radioactive material - Leakage testing on packages)

- At this meeting, the following progress was reported.
 - WG4 is planning the revision of ISO 12807, including the transfer of corrections to the Online Standards Development (OSD), updates to annex examples, technical review, and a technical meeting scheduled for April.
 - The deadline for "Draft International Standard (DIS)" registration is August 2026.

3. ISO 10276 (Trunnion systems for packages used to transport radioactive material)

- It was reported that no additional information was available at this time.
 - The next systematic review is scheduled to begin in July 2030.

4. Potential projects

a) PWI TS 18711 "New standard for Measurement of Radiation Level and Surface Contamination for Packages and Conveyances":

- It was explained that the Project Leader will proceed with revising the draft of TS 18711 after the completion of the revision work for ISO 12807 (leakage testing).

b) Proposal submitted by Switzerland for a new standard " Class 7 Box Proposal":

- It was noted that no additional information was available at this time, and WG4 is waiting for the formal request.

5. Next meeting

- The next ISO WG4 meeting is scheduled in Birmingham, US from 17th to 20th August 2026. The main focus is expected to be on the revision of ISO 7195 (UF6 packagings).
- Technical meetings for ISO 7195 (UF6 packagings) and ISO 12807 (leakage testing) are planned in April 2026.

Note: It is recommended that WNTI members who are interested in the discussions on these standards and wish to be involved contact their national delegations.

Follow Up Action Items	Owner
[1] WNTI will continue to monitor this revision/amendment process (next WG4 meeting is scheduled August 2026)	WNTI