45th Meeting of the Waste Safety Standards Committee

2 – 5 July 2018

Agenda Item W 2.3 & 2.4

WASSC Terms of Reference and Working Methods, Use of the Committees’ website

Sandra Geupel
WASSC Scientific Secretary
Division of Radiation, Transport and Waste Safety (NSRW)
Terms of Reference

1. WASSC is the standing body of senior representatives in the area of waste safety open to all IAEA Member States, established by the DDG-NS.

2. WASSC advises the DDG-NS on the overall programme for the development, review and revision of standards relating to RW safety and on activities to support the use and application of this standards.

3. Its objective is to achieve greater transparency, consensus, quality, coherence and consistency in the development of international standards for RW and other areas of safety.
WASSC membership

1. Member States are requested to nominate a senior expert and/or alternate on RW safety matters. The DDG-NS appoints the nominated experts as Members for a term of three years (2018 – 2020).

2. Specialized international organizations and relevant non-governmental bodies may be invited by the DDG-NS to attend the WASSC meetings as observers.

3. The DIR-NSRW or his/her appointee (Section Head WES) participate in all WASSC meetings.

4. The DIR-NSRW designates a Scientific Secretary as Coordinator of WASSC.
Functions of WASSC members

1. To prepare for and attend the meetings of WASSC and to contribute actively to the work of WASSC.
2. To disseminate the draft waste SS in their respective States, to seek comments from their potential users and to develop a national position on each draft SS.
3. To promote awareness of the SS in their respective States.
4. To share experience within WASSC on how waste SS are being used in their respective States.
5. To compile feedback from the users of waste SS, including feedback on any identified shortcomings or gaps, and to report on it to WASSC.
Functions of WASSC (1)

1. To periodically review advise on the approach to the development of the SS issued in the Agency’s Safety Standards Series, and to advise on strategies and priorities.

2. To review feedback received from the Secretariat and other SSC’s and the Nuclear Security Guidance Committee (NSGC) regarding the application of waste SS and provide advice on enhancing their usefulness, as well as on need for review of published standards.

3. To review proposals for the development of new SS relating to waste safety and to approve the relevant Document Preparation Profiles prior to their submission to the CSS.

4. To review draft waste SS and other related safety standards and/or security guidance documents.
Functions of WASSC (2)

5. To approve the text of draft SS prior to their submission to Member States for comment and again prior to their submission to the CSS.

6. To ensure a broad international input in the preparation and review of waste SS.

7. To advise on waste safety, relevant regulatory issues and activities for supporting the use and application of the IAEA’s SS.

8. To advise on the timely review of and the need for revision of published SS.
9. Upon request from the DDG; provide recommendations on SS series development and approval process, as well as review draft documents intended for publication in the IAEA Nuclear Energy Series or other.

10. To ensure (in cooperation with other SSCs and NSGC) that safety and security issues are properly addressed and reviewed in safety and security publications.
Working methods (1)

1. Each term the DDG-NS appoints the Chairperson for WASSC, from among the nominated members.

2. Ordinarily, WASSC meets twice a year, with each meeting lasting up to five working days.

3. Extraordinary meetings or ad-hoc Working Groups may be called when required.

4. The Chairperson, in conjunction with the Scientific Secretary, will prepare a report of the proceedings of each meeting, and a report at the end of each term on the progress made.
5. The Chair represents the views of WASSC at the meetings of the CSS and will ensure that WASSC members are kept informed of any decisions taken. In particular, the Chair will seek the views of the CSS on any unresolved issues.

6. Electronic communication is used to the extent possible, particularly in dealing with draft standards and related comments.

7. Each Committee will liaise with other SSC’s as well as CSS and NSCG to ensure coherency between safety and security publications. The Interface Group is the body which determines draft documents whereby safety-security issues are interfacing.

8. Meetings are conducted in English.

9. WASSC reports to the DDG-NS.
1. The Secretariat will provide all the resources necessary for ensuring the efficient working of WASSC.

2. All costs involved in the participation of each WASSC member, including travel and per diem expenses, will be borne by the Member State that nominated the member.
Safety Standards preparation and review process

Document Preparation Profile (DPP)
Prepared by the Secretariat
Reviewed by the Committees and Commission

Drafting or revising of safety standard
by the Secretariat and consultants

Review
by the safety standards committee(s) & NSGC

Review by Member States

Endorsement
by Commission on Safety Standards

Approval
by the IAEA’s Director General or BoG

Review Committees
EPRReSC
NUSSC
RASSC
WASSC
TRANSSC
NSGC
Relevant documents for Safety Standards establishment

- **SPESS: Strategies and Processes for the Establishment of IAEA Safety Standards**
- **Step-by-Step Preparation and Review Process Manual**
- **Guidelines for drafting IAEA Safety Standards**
- **Experience sharing on approaches to combining Safety Guides**

→ Available in SPESS web folder:  
  http://www-ns.iaea.org/committees/wassc/default.asp?fd=947

- **Safety Glossary (2016 Revision)**
Timeline for the review process (1)

1. The Secretariat posts the documents to the Committee Members Web Page, to the folder Drafts for comment two months before the first SSC meeting.

2. The Committee Members posts their written comments to the WASSC Members web page 21 days in advance of each meeting.

3. The Technical Officer responsible for the Safety Standard posts the resolution of the comments received one week before the first SSC meeting (Step 3 and 7) and the comments resolution at the WASSC meeting (Step 11).

4. The Committee discusses only the unresolved issues at the meeting.
Timeline for the review process (2)

1. Document is sent to CC for approval
2. Secretariat uploads documents
3. WASSC Members upload their comments
4. First SSC Meeting
5. 3 months
6. 2 months
7. 3 weeks
8. 1 week
9. Secretariat posts resolution of comments (Steps 3&7)
IAEA Safety Standards
for protecting people and the environment

What are the Safety Standards?
The IAEA safety standards provide a system of Safety Fundamentals, Safety Requirements and Safety Guides for ...read more

How are the Safety Standards developed?
The IAEA safety standards are developed by means of an open and transparent process for gathering, synthesizing ...read more

What Standards are applicable to all facilities and activities?
View general safety standards.

What additional Standards are applicable for specific facilities and activities?

Nuclear Power Plants
Fuel Cycle Facilities
Research Reactors
Radioactive Waste Disposal Facilities
Mining and Milling
Application of Radiation Sources
Transport of Radioactive Material

What is the structure of the IAEA safety standards?
In 2008 a new, long-term structure for the safety standards was adopted. This structure is such that users may easily identify ...read more

Download all Safety Standards in one file AR CH EN FR RU SP

Safety Standards Poster (wheel)
IAEA Safety Standards

What are the Safety Standards?
The IAEA safety standards provide a system of Safety Fundamentals Safety Requirements and Safety Guides for...read more

How are the Safety Standards developed?
The IAEA safety standards are developed by means of a transparent process for gathering, synthesizing...read more

What are the Safety Standards used for?
What Standards are applicable to all facilities and activities? View general safety standards.

What additional Standards are applicable for specific activities?

General Safety Requirements
- GSR Part 2. Leadership and Management for Safety
- GSR Part 3. Radiation Protection and the Safety of Radiation Sources
- GSR Part 4. Safety Assessment for Facilities and Activities
- GSR Part 5. Predisposal Management of Radioactive Waste
- GSR Part 6. Decommissioning and Termination of Activities
- GSR Part 7. Emergency Preparedness and Response

Specific Safety Requirements
- SSR 1. Site Evaluation for Nuclear Installations
- SSR 2/1. Safety of Nuclear Power Plants: Design and Construction
- SSR 2/2. Safety of Nuclear Power Plants: Commissioning and Operation
- SSR 3. Safety of Research Reactors
- SSR 4. Safety of Nuclear Fuel Cycle Facilities
- SSR 5. Disposal of Radioactive Waste
- SSR 6. Regulations for the Safe Transport of Radioactive Material

Collection of General Safety Guides (GSG) and Specific Safety Guides (SSG)

Search by series number
- e.g. TSN-1 or SSG-2

Search by topic
- select...
Review committees

Next Meetings

- **CSS**: The 44th meeting of the Commission on Safety Standards (CSS) will be held from 14 to 16 November 2018.
- **EPRsSC**: The 5th Meeting of EPRsSC will take place the week of 6 November 2017.
- **NUSSC**: The 45th Meeting of NUSSC will be held from 26 - 28 June 2018.
- **RASSC**: The 44th meeting of RASSC will be held 6 to 8 June 2018.
- **TRANSSC**: The 36th Meeting of TRANSSC will be held in Vienna in the week beginning 4 June 2018.
- **WASSC**: The 45th meeting of WASSC will be held from 2 to 6 July 2018.

Membership

- Membership of the Commission on Safety Standards
- EPRsSC Membership 2015-2017
- NUSSC Membership 2018-2020
- RASSC Membership 2018-2020
- TRANSSC Membership 2014-2017 Term
- Terms of Reference for Safety Standards Committees
- WASSC Membership 2018-2020

Terms of Reference

- The Commission on Safety Standards
- The Safety Standards Committees

Members area

- CSS
- EPRsSC
- NUSSC
- RASSC
- TRANSSC
- WASSC
How to register and post comments

To register as a new user, click on registration link

- Registration only necessary for posting comments
- Only the nominated Committee member can register
Registration

- Please supply the requested information
- Your login and password will be sent to you

Request for Committees user account registration (draftcomments)

To: NS.Committees@iaea.org

Subject: Request for Committees user account registration (draftcomments)

Please provide us with a First and Last Name plus which Committee you are a member of:

- Registration only necessary for posting comments
- Only the nominated Committee member can register
Drafts for comment / Submitting comments

For example:

DPP for DS476 (all Committees)
Deadline for comments: 24 September 2013

- DPP DS476 - Committees comments implemented (Clean) (79kb) 10/9/2013
- DPP DS476 - Committees comments implemented (Track Changes) (82kb) 10/9/2013
- DPP DS476 - Safety of Research Reactors (revision of NS-R-4) (76kb) 8/19/2013
- Table of Committees comments resolution_DPP DS476 (149kb) 10/9/2013
Template for the comment form (1)

Draft Standards for Comment Web Folder
Guest user

- **Comment form**
- DPP for DS476 (all Committees)
- DPP for DS478 (all Committees)
- DPP for DS479 (all Committees)

**DPP for DS476 (all Committees)**
Deadline for comments: 24 September 2013

- DPP DS476 - Committees comments implemented (Clean) (79kb) 10/9/2013
- DPP DS476 - Committees comments implemented (Track Changes) (82kb) 10/9/2013
- DPP DS476 - Safety of Research Reactors (revision of NS-R-4) (76kb) 8/19/2013
- Table of Committees comments resolution_DPP DS476 (149kb) 10/9/2013
**Template for the comment form (2)**

- To add after Title, the Draft Safety Standard you are commenting
- To add requested data: Reviewer, Country, Number of Pages, Date
- To add a row of the Table for each comment
- To save as a Word document in your folders

<table>
<thead>
<tr>
<th>REVIEWER</th>
<th>COMMENTS BY REVIEWER</th>
<th>RESOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reviewer</td>
<td>Country/Organization</td>
<td>Page.... of.... Date:</td>
</tr>
</tbody>
</table>

**PLEASE, FOLLOW OUR SUGGESTIONS!**
Posting your comments form … (1)

Under the folder of Drafts for comment, select the document you want to submit comments.
Posting your comments form ... (2)

✓ You must be logged in to upload comments

1. Click here

2. Enter your username and password
Posting your comments form ... (3)

Click on the button Add comment
Posting your comments form ... (4)

- Step 1: Choose the File to add (Browse in your folders)
- Step 2: Add text for hyperlink to file (e.g. Comments of MS name/SSC on DS476)
- Step 3: Click on Add
<table>
<thead>
<tr>
<th>Comment No.</th>
<th>Para./Line-No.</th>
<th>Proposed/new text</th>
<th>Reason</th>
<th>Accepted</th>
<th>Accepted, but modified as follows</th>
<th>Rejected</th>
<th>Reason for rejection</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Para. 1.57 thru L.69</td>
<td>Delete these paragraphs</td>
<td>What is appropriate and acceptable in the areas of Land Use, Transportation, and Social Impacts is far too specific to individual countries. Therefore, the limited discussion is not very helpful and is subject to misinterpretation. (If transportation remains, which we hope it does not; comments 9 thru 11 provide some specific changes)</td>
<td></td>
<td></td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Para. 1.62</td>
<td>Delete this paragraph</td>
<td>The packaging requirements for transportation in IAEA Safety Standard No. ST-1 ensure that the radiation exposure to the public will be within acceptable limits; therefore, this paragraph is not needed in this safety guide.¶</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Para. 1.63</td>
<td>Delete all but the last sentence</td>
<td>Although the first two sentences are true, they give the reader the impression that a geologic repository should be sited as close as possible to the location of the waste, when this should only be a factor if there is no other overriding reason to choose one location over another for the repository.¶</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Approval of Draft Safety Standards by WASSC members

- Approval gained during Sessions though consensus
- Approval by mail, following Sessions and after the Secretariat has incorporated comments made at the meeting
- If there appear new issues to be solved by the Secretariat, the Chair will decide if the Draft Safety Standard has to return to the Committee (to avoid re-opening discussion on already resolved documents)
General information

Nuclear Safety & Security

WASSC Members Area
Guest user

- **General Information**
- Drafts for comment
- SPESS folder
- WASSC WG on Implications of FA on WSS
- WASSC and TRANSSC Joint WG on DPC
- WASSC 36 - Nov 2013
- WASSC 37 - June 2014
- WASSC 38 - Nov. 2014

General Information

- Draft document on interfaces between WSS & related docs (1,150kb) - 23/02/2010 - details
- DS489 - Track Changes (583kb) - 14/02/2017 - details
- FAQ on IAEA Safety Standards and Safety Standards Committees (402kb) new! - 02/07/2018 - details
- How to submit comments on drafts (49kb) - 12/06/2017 - details

IAEA
Useful links

WASSC Members Area:
http://www-ns.iaea.org/committees/wassc/

Safety Standards:
http://www-ns.iaea.org/standards/default.asp?s=11&l=90

IAEA publications:
http://www-ns.iaea.org/publications/default.asp?s=5&l=120
http://www-pub.iaea.org/books/
http://www.iaea.org/Publications/index.html
Thank you!