Joint Session of the 45th Meeting of the Radiation Safety Standards Committee (RASSC) 46th Meeting of the Waste Safety Standards Committee (WASSC)

21 November 2018
(Agenda item RW3.3)

DS497 – Draft Safety Guide: Revision of 7 closely interrelated Safety Guides: NS-G-2.2 to 2.8 and NS-G-2.14 (also for EPReSC, RASSC, TRANSSC, WASSC and NSGC) For approval for submission to MS

Ronan CAVELLEC
OSS
NSNI
Background

Working ID: DPP DS497

approved by CSS at the end of 2016 and consultancy meetings were organized in 2017 and 2018

Revision of 8 closely interrelated NSG in the NPP Operational safety domain:

- NS-G-2.2: Operational Limits and Conditions and Operating Procedures
- NS-G-2.3: Modifications
- NS-G-2.4: The Operating Organization
- NS-G-2.5: Core Management and Fuel Handling
- NS-G-2.6: Maintenance, Surveillance and In-service Inspection
- NS-G-2.7: Radiation Protection and Radioactive Waste Management
- NS-G-2.8: Recruitment, Qualification and Training of Personnel
- NS-G-2.14: Conduct of Operations
Background

Following the approval of this DPP:

NUSSC, at its 43rd meeting, decided:

**to exclude** the revision of **NS-G-2.7**
from the scope of DS497.

On the basis that the guidance in NS-G-2.7 has been recently updated and issued as GSG-7 (Radiation Protection) and SSG-40 (Waste Management)
As a result, 7 Nuclear Safety Guides are now under revision.

And, the 26 July 2018, the 299th Coordination Committee approved the seven drafts for submission to the Committees:

Step 6  \[\rightarrow\]  Step 7
Comments from the Members of the Safety Standards Committees: Summary

441 comments from:
USA, Canada, Finland, UK, Japan, France, Germany, South Korea, ENISS, Australia

- NS-G-2.2: 71
- NS-G-2.3: 32
- NS-G-2.4: 23
- NS-G-2.5: 33
- NS-G-2.6: 179
- NS-G-2.8: 36
- NS-G-2.14: 67

- All comments were addressed prior to the EPReSC, RASSC, WASSC and NUSSC
- 314 approved / 127 rejected
- There are no unresolved comments
- 5 comments on the NSG-2.5 have been raised for the present committee (WASSC, by Germany): all accepted

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<table>
<thead>
<tr>
<th>Relevance</th>
<th>Comment No.</th>
<th>Para/Line No.</th>
<th>Proposed new text</th>
<th>Reason</th>
<th>Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>5.13/1</td>
<td>For wet storage facilities, the composition of the cooling medium should…</td>
<td>Clarification, which cooling medium is meant.</td>
<td>Ok Text modified</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>5.14/1</td>
<td>For storage under water/wet storage in water pools</td>
<td>In accordance to SSG-15 and 5.11 it is wet storage</td>
<td>Ok Text modified</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>5.17/2</td>
<td>…for Pool wet storage</td>
<td>In accordance to SSG-15 and 5.11 it is wet storage</td>
<td>Ok Text modified</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>5.21/7</td>
<td>Providing containers or quivers for failed rods removed from assemblies that function as a new first barrier and can be used either for long-term storage, or for transport off the site.</td>
<td>Emphasis should be given to the fact, that a new enclosurement of the fuel must be provided.</td>
<td>Ok Text modified</td>
</tr>
<tr>
<td>1</td>
<td>5</td>
<td>7.2/1 7.3/1/3/6/9</td>
<td>Shipping transport cask or transport package</td>
<td>Following SSR-6</td>
<td>Ok Text modified</td>
</tr>
</tbody>
</table>

**Relevance:**
1: Essentials  
2: Clarification  
3: Wording/Editorial
Status of the documents

1. Approved by EPReSC, on 31/10/2018

2. Submission to RASSC and WASSC for approval, on 21/11/2018

3. Submission to the NUSSC for approval, on 26/11/2018
Action Requested

Approval by RASSC & WASSC prior the NUSSC next week for submission to MS
Thank you!