5th Meeting of the Emergency Preparedness and Response Standards Committee (EPReSC)
7-9 November 2017

Agenda Item 6.3
STATUS UPDATE ON PRIORITIES FOR DEVELOPMENT OF SAFETY GUIDES IN EPR

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Incident and Emergency Centre
Background

- EPReSC-2 discussed the need for GS-G-2.1 to be revised, including the path forward, so it better supports GSR Part 7

- EPReSC-3 discussed the actual revision of GS-G-2.1 together with proposed future structure of EPR Safety Guides to ensure duplication of efforts and overlaps be avoided
  - Revision of GS-G-2.1 was agreed (formally approved DPP at EPReSC-4)
  - Mid-term (2017-2020) priorities for work on EPR Safety Guides were agreed
EPReSC-3
Priorities for 2017-2020

• Finalize safety standards currently under development
  – Publish DS474, DS475 and DS469

• Initiate revision of GS-G-2.1 in line with the proposed DPP
  – Submit DPP for approval at next meetings of the review Committees

• Initiate a review of GSG-2 and collect Member States’ feedback to identify ways how to best approach to its update
EPReSC-3 (cont’d)

Priorities as of 2020

• Initiate revision of GSG-2
  – Based on the findings from the review

• Define more clearly what **topical/category specific general safety guides** are needed in EPR area
  – Define **priorities for their development** at that time
    • Consider feedback from various activities such as those implemented to support GSR Part 7 application
  – Initiate their development by **developing DPPs**
Timeline with various activities related to EPR Safety Standards development (EPReSC-3)

Activities to:
- Identify exact topical and category specific safety guides to be developed in EPR area;
- Prioritize EPR safety guides for development;
- Develop DPP for priority safety guides.

Other EPR related Safety Standards under development or revision. For example, DS453 on occupational radiation protection addressing the protection of emergency workers completed in 2015 or the revision of RS-G-1.8 to commence in 2017 addressing monitoring and dose assessment in an emergency exposure situation.

EPR Series documents under development or revision. For example, EPR Series documents on Protection strategy development, Methodology for OILs development, On-site EPR for facilities and activities in categories 1 to 4, Combined emergencies etc..
Purpose of this presentation

• To provide update on the status of on-going or planned activities to meet the earlier agreed priorities

• To propose more concrete actions in mid-term to enable meeting the agreed priorities
## Current Status of EPR Safety Standards under development or revision

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Step</th>
<th>Expected Completion</th>
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<tbody>
<tr>
<td>DS474</td>
<td><strong>Arrangements for the Termination of a Nuclear or Radiological Emergency</strong></td>
<td><strong>Step 12 &amp; Step 13</strong> (Endorsement by CSS and Establishment by the PC completed in parallel in November 2017) <strong>Step 14</strong> (Publishing - end of 2017)</td>
<td>End of 2017</td>
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<tr>
<td>DS475</td>
<td><strong>Arrangements for Public Communication in Preparedness and Response for a Nuclear or Radiological Emergency</strong></td>
<td><strong>Step 8</strong> (Soliciting comments from Member States and relevant international organizations; deadline: 11 December 2017)</td>
<td>End of 2018</td>
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<tr>
<td>DS469</td>
<td><strong>Preparedness and Response for an Emergency during the Transport of Radioactive Material (revision of TS-G-1.2)</strong></td>
<td><strong>Step 5</strong> (at drafting stage) <strong>Step 6</strong> (formal internal review to be initiated Q1 2018 so that it can be reviewed at Step 7 during Q2 2018 Committees’ meetings)</td>
<td>End of 2019</td>
</tr>
<tr>
<td>DS504</td>
<td><strong>Arrangements for Preparedness and Response for a Nuclear or Radiological Emergency (Revision of GS-G-2.1)</strong></td>
<td><strong>Step 4</strong> (DPP approved by CSS in November 2017) <strong>Step 5</strong> (at drafting stage)</td>
<td>End of 2021</td>
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<tr>
<td>DS505</td>
<td><strong>Environmental, Individual and Source Monitoring for Purposes of Radiation Protection (Revision of RS-G-1.8)</strong></td>
<td><strong>Step 4</strong> (DPP approved by CSS in November 2017 ed its staff to work on EPR portion of the document.) <strong>Step 5</strong> (at drafting stage)</td>
<td>End of 2021</td>
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## Current Status of development or revision of EPR technical guidance

<table>
<thead>
<tr>
<th>Working Title</th>
<th>Title</th>
<th>Expected Completion</th>
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<tbody>
<tr>
<td>EPR Protection Strategy</td>
<td>Considerations for Development of Protection Strategy for a Nuclear or Radiological Emergency</td>
<td>End of 2018</td>
</tr>
<tr>
<td>EPR NPP Assessment</td>
<td>Revision of TECDOC-955, Generic Assessment Procedures for Determining Protective Actions during a Reactor Accident</td>
<td>Mid of 2018</td>
</tr>
<tr>
<td>EPR On-site Plan for EPC I&amp;II</td>
<td>Considerations in Emergency Preparedness and Response Arrangements for an Operating Organization</td>
<td>Mid of 2018</td>
</tr>
<tr>
<td>EPR-RAD-OILs</td>
<td>Operational intervention levels for radiological emergencies</td>
<td>Mid of 2019</td>
</tr>
<tr>
<td>EPR Combined Emergencies</td>
<td>Considerations in Emergency Preparedness and Response in case of combined emergency</td>
<td>Mid of 2018</td>
</tr>
<tr>
<td>EPR Monitoring</td>
<td>Revision of TECDOC-1092, Generic procedures for monitoring in a nuclear or radiological emergency</td>
<td>End of 2018</td>
</tr>
<tr>
<td>EPR Medical</td>
<td>Revision of EPR-Medical 2005, Generic procedures for medical response during a nuclear or radiological emergency</td>
<td>Mid of 2018</td>
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Updated priorities in mid-term (2017-2020)

• **Finalize** the safety guides currently under development and **publish** them as following:
  - DS474 – by end of 2017
  - DS475 – by end of 2018
  - DS469 – by end of 2019

• **Advance the revision of GS-G-2.1** in line with the approved DPP and its revision plan (2018-2019) to initiate formal review processes in 2020
Updated priorities in mid-term (2017-2020) (cont’d)

• **Advance the revision of EPR portion of RS-G-1.8** in line with the approved DPP to prepare for formal review processes (2018-2019)

• **Initiate a review of GSG-2** and collect Member States’ feedback to identify ways how to best approach to its update (2019):
  – Conduct a **review of GSG-2** (1Q-2Q 2019)
  – Prepare **questionnaire** and collect **users’ feedback** (1Q-2Q 2019)
Updated priorities in mid-term (2017-2020) (cont’d)

• **Consider revision of GSG-2** based on the findings from the review:
  – Prepare briefing to EPReSC on the findings from the GSG-2 review and from the feedback received (3Q 2019)
  – Discuss these findings and agree the way forward (3Q-4Q 2019)

• **If needed, initiate revision of GSG-2** with submission of a DPP (1Q 2020)
Updated priorities in mid-term (2017-2020) (cont’d)

• Define clearly the need for EPR safety guides and set priorities for development:
  – Create Working Group in EPReSC to consider first proposal for future safety guides and priority areas (2Q 2019)
  – Develop first proposal for future safety guides and priority areas (3Q-4Q 2019)
  – Discuss the first proposal of the EPReSC WG and agree way forward at an EPReSC Meeting (4Q 2019 or 2Q 2020)
Activities to:
- Identify exact topical and category specific safety guides to be developed in EPR area;
- Prioritize EPR safety guides for development;
- Develop DPP for priority safety guides.

EPR Series documents under development or revision:
- EPR Protection Strategy
- EPR RAD OILs
- EPR On-site EPR for EPC I and II
- EPR Combined emergencies
- EPR Medical 2015 revision
- TECDOC-955 revision
- TECDOC 1092 revision
Thank you!