3rd Meeting of the Emergency Preparedness and Response Standards Committee (EPReSC)
29 November to 1 December 2016

Agenda Item 6.1a
Proposed priorities for development of Safety Guides in EPR in mid-term and proposed structure

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Tasks from EPReSC-2

• EPReSC-2 tasked the Secretariat, taking into account the discussions at the meeting, to:
  – Develop a DPP for revision of GS-G-2.1
  – Prepare a revision of the analysis of special topics referred in the Discussion Paper

for information and discussion at EPReSC-3
Purpose of this proposal

• To achieve **common understanding** on what the next edition of GS-G-2.1 will and will not include

• To define **priorities** among the major EPR activities aimed at strengthening EPR safety standards and supporting Member States to implement these standards

• To document how GSR Part 7 may be supported with detailed guidance in the following years while **avoiding any duplication of efforts** and overlaps
Basis for this proposal

• Results from the review of GS-G-2.1 and other EPR related Safety Standards against GSR Part 7 requirements

• Feedback received from Member States

• Discussions among EPReSC Working Group

• Discussions at EPReSC-2

• Current developments
Current developments

• General Safety Guides
  – **DS474**: Arrangements for the Termination of a Nuclear or Radiological Emergency
    • 2017/2018
  – **DS475**: Arrangements for Public Communications in Preparedness and Response for a Nuclear or Radiological Emergency
    • 2018/2019

• Specific Safety Guide
  – **DS469**: Preparedness and Response for an Emergency during the Transport of Radioactive Material
    • 2019/2020
Current developments (cont.)

- **GSG-2 issued in 2011**
  - Requires no any immediate revision
    - EPR Series documents under development to support Requirements 5 of GSR Part 7 and GSG-2

- **GS-G-2.1 Revision to be initiated in 2017**
  - To better address how a selected number of safety requirements in GSR Part 7 can be met taking into account the existing guidance or those under development
Current developments (cont.)

• GS-G-2.1 Revision to be initiated in 2017
  – The next edition of GS-G-2.1 is expected to be focused on:
    • The guidance supporting various requirements of GSR Part 7 that are primarily applicable for all the five emergency preparedness categories
    • The various infrastructural elements necessary to provide an effective emergency response capability
  – The revised GS-G-2.1 cannot provide complete guidance on all requirements in GSR Part 7
    • Not manageable content wise
    • Not user-friendly
Further needs

• Areas for consideration in other future guidance publications:
  – Guidance that is specific to certain type of emergency or to a facility or an activity
    • Mitigatory actions, EALs, assessment etc.
  – Guidance specific to a topic (e.g. addressing very specific group of target audience)
    • Medical EPR etc.
Future guidance

• General Safety Guides that are *category specific*
  – To allow for reasonable number of EPR Safety Guides

• **Topical** General Safety Guides
  – Taking into account existing ones and those under development
    • e.g. occupational radiation protection, monitoring, etc.

• Currently not possible to define them exactly
Proposed structure of EPR Safety Standards

- Revised GS-G-2.1
- SSG-Tra. (DS469)
- GSG-2
- GSG-Ter. (DS474)
- GSG-PCs (DS475)
- Category specific GSGs
- Topical GSGs
Application of EPR Safety Standards in an area

GSR Part 7

Revised GS-G-2.1, GSG-2, DS474, DS475
Other topical GSGs

Category specific GSGs

SSGs, e.g. DS469
Guiding principles for mid-term priorities

• Priority to be given to those areas that are currently not addressed in necessary detail or at all at the safety guide level publications (published or under development)

• Final priorities to be selected taking into account the existence of practical guidance in various formats, such as TECDOCS and EPR series documents
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
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

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 GS-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..
Thank you!