Agenda Item RW 3.2

**DS475 Draft Safety Guide: Arrangements for Public Communication in Preparedness and Response for a Nuclear or Radiological Emergency (for all SSCs and NSGC)**

- For approval for submission to the CSS -

*Peter Kaiser*

*Incident and Emergency Centre (IEC)*

*Department of Nuclear Safety and Security*
Background

- **Safety Requirements No. GSR Part 7**
  - Requirement 13:
    - Communicating with the public throughout a nuclear or radiological emergency
  - Requirement 10:
    - Providing instructions, warnings, and relevant information to the public for emergency preparedness and response

- **Safety Requirements No. GSR Part 3**
  - Requirement 43:
    - An emergency management system providing for essential elements at the scene, and at the local, national and international level, as appropriate, including providing reliable communication, including public information
Background (cont.)

- Safety Guide DS475 is intended to:
  - Provide guidance for meeting the relevant Requirements of GSR Part 7 and of GSR Part 3
  - Provide guidance and recommendations on developing arrangements at the preparedness stage, for communicating with the public and media and for coordinating with all sources of official information in the preparedness and response to a nuclear or radiological emergency

- With the objectives to:
  - Protect the public
  - Inform the public about the hazards, protective actions and other response actions
  - Build and maintain public trust
  - Address public concerns regarding potential health effects
  - Prevent panic and help ensure actions taken do more good than harm
  - Minimize rumours and respond to misinformation
  - Enable interested parties to make informed decisions
• **Step 2: DPP Approval by CC**
  – 28 March 2013
• **Step 3: DPP Approval by Committees**
  – NSGC: 17 May 2013
  – TRANSSC: 17 June 2013
  – NUSSC: 28 June 2013
  – RASSC/WASSC: 4 July 2013
• **Step 4: DPP Approval by CSS**
  – 6 November 2013
• **Step 5: Preparing the draft**
  – CS #1: 3-7 February 2014
  – CS #2: 5-9 May 2014
  – CS #3: 6-10 October 2014
  – CS #4: 18-22 April 2016
  – CS #5: 23-27 May 2016
  – CS #6: 18-22 July 2016
  – TM: 5-9 September 2016
  – IACRNE Comments: Nov-Dec 2016

• **Step 6: Draft approval by CC**
  – 10 April 2017
• **Step 7: First SSCs approval**
  – June 2017 (NSCG, TRANSSC, MUSSC, RASSC/WASSC)
• **Step 8: Member State and IO’s consultation**
  – Comments sent: Q4 2017
• **Step 9: Addressing Member State comments**
  – CS to consider the Implications of the UNSCEAR 2012 report on Attributing Health Effects to Ionizing Radiation Exposure and Inferring Risks for DS475: April 2018
Scope

- Audience: those responsible for communicating with the public and media in a radiation emergency within all organizations involved in EPR at facility, local, national and international levels, including those without a daily communication function
Scope (cont.)

• Applicable to:
  – Full range of nuclear and radiological emergencies, regardless of cause, including those due to a perceived hazard and with specific consideration for accident/human/technical error, natural disasters, and nuclear security events, and transition phase particularities

• Not applicable to:
  – Involvement of interested parties in the planning of new NPPs or to ongoing interested parties involvement for existing facilities
  – Communication about an existing exposure situation after the emergency is declared ended
Scope (cont.)

• Interface with other documents
Step 9 - MS comments

- Total of 238 comments:
  - Finland - 48
  - Japan - 41
  - USA - 38
  - China - 36
  - Germany - 22
  - Russian Federation - 14
  - Pakistan - 11
  - Canada - 10
  - Australia - 8
  - Poland - 5
  - Argentina - 3
  - India - 1
  - Hungary - 1
Step 9 - MS comments
## Comments

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<th>Nature of the MSs comments</th>
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<tr>
<td>Completeness</td>
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<td>Technical</td>
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<tr>
<td>Clarification</td>
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<tr>
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</table>
Step 11 - Comments and Resolutions

• Total of 70 comments received from:
  – Australia, Finland, Germany, Japan, Sweden, USA

• ~41% editorial comments

• Resolutions:
  – 67 comments accepted (as proposed or with modification)
  – 1 comment rejected
  – 2 clarifications provided
Reference insertion

• Para 5.33(d)

• **Suggest a reference** to a waste management or waste disposal guide be included after the text “…such as waste management and waste disposal”
  – Linkages to waste management, which is consistent with the requirements of GSR7.

• **Reference to be included** to be determined – text insertion is flagged for technical editors
Technical editing – expected changes

• Completed, resolution in process
• Any comments from the Other Safety Standard's Committees to be included in finalized draft
• Technical editing changes
  – Simplify Section 1 (GSR citations)
  – Revise paraphrased references to GSR Part 7
    • Preserve the hierarchy of authority between GSR and safety guide
    • No “should” statements
    • Instead, “in accordance with…” or “…it is recommended”
Summary of the comments

**Step 9**
- 238 comments received, all resolved

**August – Sept 2018**
- Editing for improved readability
- Coordination Committee
  - 1 comment received, accepted and resolved (included in the step 11 review version)
  - Coordination Committee
  - approved

**Step 11 70 comments (proposals and requests for clarification)**
- 94.28% (66/70) comments accepted and resolved
- 4.30% (3/70) clarifications on terminology, no proposals or action recommended
- 1.42% (1/70) proposed change declined

**EPReSC 7**
- 2 countries – Russian Federation and Sweden - provided comments, all resolved
- EPReSC requested to review technically edited version when resolution completed
- Approved for submission to the CSS

**Forthcoming Q 4 2018:**
- Other Safety Standards Committees review DS 475
- Technical editing,
  - Full review completed
  - Awaiting further comments
  - Expected to be finalized by late December 2018, possible earlier
International Symposium on Communicating Nuclear and Radiological Emergencies to the Public, 1 – 5 October 2018

• President’s Summary:
  – Recommendation 1: Principles and arrangements for effective public communication (achieving “one message, many voices”)

“I recommend that the IAEA complete the development of the draft Safety Guide on “Arrangements for Public Communication in Preparedness and Response for a Nuclear or Radiological Emergency” as soon as possible and assist Member States in its speedy implementation by conducting relevant workshops, training, and exercises.

I also encourage Member States to utilize the Safety Guide, once it is published, for further strengthening their preparedness for emergency communication and to provide feedback to the IAEA on its use.”
Action Requested

Approval for submission to CSS
Thank you!