1st Programme Committee Meeting for the
International Conference on Effective Nuclear Regulatory Systems

Technical Brief on the Conference
28-30 July 2015
Outline

• Programme Committee membership
• Expectations for the Programme Committee
• Background and history of the conference
• Overview of draft announcement paper
Programme Committee

• President
  • Mr. Liu Hua, NNSA, China

• Vice-President
  • Mr. Ramzi Jammal, CNSN, Canada

• IAEA Secretariat for the Conference
  • Scientific Secretary
    • Mr. Shahid Mallick, Policy and Programme Unit, Safety and Security Coordination Section
    • Mr. Lingquan Guo, Knowledge Networks Unit, Safety and Security Coordination Section
  • Technical Support
    • Mr. Eric Beaupre, Policy and Programme Unit, Safety and Security Coordination Section
  • Administration and organization
    • Ms. Martina Khaelss, Conference Services Section
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<tr>
<th>Name</th>
<th>Organization</th>
<th>Country</th>
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<tr>
<td>Mr. Reward Severa</td>
<td>Radiation Protection Authority</td>
<td>Zimbabwe</td>
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<td>Mr. Mauricio Lichtemberg</td>
<td>CCHEN</td>
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<td>Mr. Lawrence Kokajko</td>
<td>US-NRC</td>
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<td>Mr. Jean-Luc Lachaume</td>
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<td>Mr. Mohammad Anwar Habib</td>
<td>PNRA</td>
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<td>Mr. Kristof Horvath</td>
<td>HAEA</td>
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<td>National Regulatory Body</td>
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<td>Mr. Mohamed Reda Ezz El-Din</td>
<td>Nuclear &amp; Radiological Regulatory Authority</td>
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<td>Ms. Irina Sokolova</td>
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<td>Mr. Gabriel Terigi</td>
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<td>Mr. Majd I. Hawwari</td>
<td>EMRC</td>
<td>Jordan</td>
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Programme Committee - Expectations

• During this consultancy
  • Finalize the announcement paper
  • Suggest session chairpersons
  • Suggest invited and keynote speakers
  • Suggest invited international organizations

• Moving forward
  • Review and acceptance of contributed papers
  • Development of the final programme for the conference
Conference History

• This will be the fourth in the series of conferences on Effective Nuclear Regulatory Systems
  • Facing Safety and Security Challenges, Moscow 2006
  • Further Enhancing the Global Nuclear Safety and Security Regime, Cape Town 2009
  • Transforming experience into regulatory improvements, Ottawa 2013
  • The Need for Continuous Improvement, Vienna 2016
Draft Announcement Paper

- Developed based on conference history
- Suggested sub-title:
  - The Need for continuous improvement
- Standard Layout
  - Background
  - Objectives and Expected Outcomes
  - Topics
  - Target Audience
  - Programme Structure
  - Synopses, Papers and Proceedings
  - Administrative Sections
Objectives and Expected Outcomes

- Review development since Ottawa Conference in 2013
- Review from Fukushima Daiichi Accident
- Discuss ways to address challenges from emerging technologies
- Discuss the influence of strong regulatory safety culture on licensee
- Discuss role and responsibilities of regulators in implementation of Vienna Declaration
- Discuss effectiveness of IAEA peer review services
Five (5) suggested topics

1. Regulatory lessons learned and actions taken
   - Results and updates from:
     - International Expert Meetings
     - Report on the Fukushima Daiichi accident

2. Challenges in regulating new and emerging technologies
   - Complexity of new technologies in medical and industrial applications
   - Challenges faced in and strategies for regulating new technologies
3. Human and organizational factors
   • Regulation and oversight of human and organizational factors
   • Safety culture
     • Regulation and self-assessment
     • Influence of regulator on industry safety culture
   • Lessons learned with respect to defence in depth
   • Beyond the compliance approach
4. Options for implementation of the Vienna Declaration: Regulators views
   • Challenges in:
     • Establishing national requirements for new NPP
     • Ensuring that systematic safety assessment are carried regularly for existing plants and lessons learned from periodic safety review analysed.

5. Review of IAEA Peer Review Services: Experiences and Best Practice
   • Review of IRRS, IPPAS, EPREV and OSART
Submission of Synopses/acceptance

- Submit synopsis of two pages (800 words) maximum in electronic format via IAEA-INDICO - **Deadline 19 October 2015**
  - Participation form (Form A)
  - Form for submission of paper (Form B)
  - Grant Application Form (Form C)
- Acceptance of synopsis by Agency – **Notification by 16 November 2015**
- Submit contributed paper of seven pages – **Deadline 2nd January 2016**
- **Conference date: 11-15 April 2016**
Thank you for your attention