Agency’s Activities in EPR and Potential Support from GNSSN

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• Safety Standards, guidance and tools:
  – EPR Requirements: GSR Part 7
  – Different SS under development
  – Technical guidance on different practical aspects of EPR and associated tools
  – EPRIMS - a tool for self-assessment against GSR Part 7
• EPR capacity building activities:
  – Training events (~ 50 per year, including several Schools of Radiation Emergencies Management)
  – EPREV missions – 20 years of experience
  – Providing advice on EPR through Expert Missions
  – Promotion of Capacity Building in EPR
    • CBC-EPR at regional level for capacity building activities
    • Six CBC-EPR established to date
  – Planned establishment of EPR knowledge network (iNET-EPR)
    • CBC-EPR and educational institutions
    • master degree in EPR
TM on Next Generation Reactors and EPR

• Building on conclusions of 2017 TM
  – 22-25 April, 2019, Vienna
• Discussion among EPR experts, new reactors’ technology developers and safety assessment experts on definition of EPR arrangements, based on GSR Part 7 Requirements and taking into account safety features of new reactors
• Particular focus on SMR
• Analyzing progress made, existing gaps and challenges
TM on Advances in EPR Technology and Arrangements

• TM on Advances in Emergency Preparedness and Response Technology and Arrangements
  – 8-12 April, 2019, Vienna

• Discuss latest advances in EPR technology and arrangements used to respond to emergencies, and to identify potential gaps and possible solutions

• Sharing the current innovative and state-of-the-art solutions to challenging problems
Potential GNSSN Support for Activities in EPR

- Increasing awareness of EPR activities and events across GNSSN members and GNSSN Regulatory Fora (FORO, ANSN, FNBA, ANNuR, EuCAS)
- Fostering participation of experts from this fora in TMs, EPREV missions and development of Safety Standards and technical guidance in EPR
- Participation of iNET-EPR
Potential GNSSN Support for Activities in EPR (cont’d)

• Encouraging Member State participation in:
  – New ConvEx-2f and exercises
  – Revision of EPR-IEComm 2012
  – Registration in new functional areas in EPR-RANET 2018
  – Use of new encrypted information handling capabilities within USIE
  – social media simulation training and exercises
Potential GNSSN Support for Activities in EPR (cont’d)

• Support for continued development of prognosis capabilities for IAEA assessment and prognosis process
  – Assessment procedures and tools are well tested and developed
  – Prognosis procedures and tools are now becoming a focus

• International Radiation Monitoring Information System
  – Helping to increase Member State participation in sharing routine monitoring data
Thank you!