47th Meeting of the Radiation Safety Standards Committee (RASSC)

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(Agenda Item R8.2)

BSS Workshop – Saudi Arabia

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BSS workshop

- After the publication of the BSS (GSR Part 3, 2014):
  - IAEA is actively pursuing its implementation in MS
  - One of the mechanism is through national or sub-regional or Regional workshops
  - Primarily based on MS request

- KSA officially requested IAEA for a national workshop on BSS through Technical Cooperation Project
- The workshop was held during September 1-5, 2019
- Counterpart: Nuclear and Radiological Regulatory Commission (NRRC), Riyadh, KSA
Participants

- One IAEA staff, 3 external experts
- There were 63 participants
  - Nuclear and Radiological Regulatory Commission - NRRC
  - Ministry of Environment, water and agriculture
  - Ministry of Health
  - No. of hospitals including security forces hospital and armed forces hospital
  - Few Universities
  - Saudi customs
  - Civil defense
  - Industries – Schlumberger, Saudi Aramco
  - King Abdulaziz City for Science and Technology
  - King Abdullah City for Atomic and Renewable Energy
Topics covered

- Introduction to International Basic Safety Standards
- Occupational radiation protection
- Public exposure
- Naturally occurring radioactive material
- Non-medical human imaging
- Existing Exposure Situations: Radon, Food, drinking water and Building Materials;
- Exemption and Clearance, Consumer Products
- Arrangements for Emergency Exposure, Fukushima experience
- Medical Uses of Radiation: Diagnostic Radiology, Nuclear Medicine, Radiotherapy; Implications of changes to the dose limit for the lens of the eye.
Conclusions

• NRRC – used it as an opportunity for dialogue between the regulator, qualified experts and various parties in the MS
• Sensitizing efforts
• NRRC in the process of adopting GSR Part 3 in the national regulations (consultant-STUK)
• Workshop provided many explanations on the requirements to better understand the Standards
• Some challenges noted in interpreting the translated versions in Arabic
Conclusions

- There was a great deal of discussion following each presentation.
- The workshop provided an opportunity for the NRRC to inform the regulated facilities and activities of its plan to update the national regulations in line with GSR Part 3, and to obtain feedback.
- Key recommendations on each technical areas conveyed to the counterpart on final day with a presentation.
- NRRC was informed for follow up action.
Thanks for your kind attention!