46th Meeting of the Radiation Safety Standards Committee (RASSC)
24-26 June 2019
(Agenda Item R6.1)

Mid-Term Review (2018-2020)

Tony Colgan
Scientific Secretary
Main Priorities - 1

Implementation of GSR Part 3 (International Basic Safety Standards)

- National workshops organized in Bahrain, Indonesia, Morocco, Oman and South Africa
- National workshops planned in Botswana and Saudi Arabia
- Regional workshops organized in Europe (Cyprus) and Asia and the Pacific (Singapore)
- Regional workshops planned in Africa (Tanzania) and Americas (Argentina)
Main Priorities - 2

Updated Guidance on Exemption and Clearance

- Consultants’ Meetings organized in February 2018, July 2018 and January 2019
- Technical Meeting organized in March 2019
- Consultants’ Meetings planned for June/July 2019
- Regular updates to RASSC and WASSC
- Both documents proceeding in step
Main Priorities - 3

Graded Approach to Regulation

DS513: Leadership, Management and Culture for Safety

TECDOC: Application of the Graded Approach in Regulating Radiation Sources Facilities and Activities
Main Priorities - 4

Radionuclides in Food and Drinking Water

- Steering Group meetings in December 2018 and [September 2019]

- Dietary dose assessment carried out by WHO, based on literature review carried out by IAEA

- Information document on radionuclides in food, feed and drinking water to be prepared for Codex Committee on Contaminants in Food

- Presentations made to RASSC and EPReSC in June 2018 and June 2019
Main Priorities- 5

Use of Radiation Sources to Expose People for Non-Medical Purposes

- New safety guide *Radiation Safety of X-Ray Generators and Radiation Sources Used for Inspection Purposes and for Non-Medical Human Imaging* approved by the CSS

- National Workshop organized in UAE, October 2018

- Regional Workshop planned for Asia and the Pacific in China in October 2019
Additional Activities

Optimizing Radiation Protection of Workers

- Presentations on occupational radiation protection in the design of SMRs

Radon in Homes and Workplaces

- Safety report on radon surveys
- Safety report on building codes and building mitigation
- Safety report on control of building materials
- New safety guide *Protection of Workers against Exposure due to Radon* (DS519)

Cooperate with UNSCEAR and Other Relevant International and Professional Organizations on the Possible Implications of Emerging Scientific Information on Radiation Safety Guidance

Documents

- Opinion on review/revision of Safety Fundamentals
- Technical Meeting 1-4 October 2019
Additional Activities

Uncertainties, Conservatism and Proportionality in Assessment and Practice

- Two documents on graded approach

Management of Existing Exposure Situations

- Safety report on *Living in Contaminated Environments*

Radiation Protection in Veterinary Medicine

- Safety report *Radiation Protection and Safety in Veterinary Medicine* approved and awaiting publication

Implementation of Lessons Learnt from the Fukushima Daiichi NPP Accident in the Review and Revision of Radiation Safety Guidance Documents

- Ongoing work by all Committees

Radiation Exposure of Aircrew and Space Crew

- Discussed in BSS workshops in Cyprus and Singapore
Additional Activities

Technical Meeting

Implications of the New Dose Conversion Factors for Radon
IAEA Headquarters, Vienna
1-4 October 2019
Thank You!