CRPPH activities of interest for RASSC

Olvido Guzmán
CRPPH Secretariat

44th RASSC Meeting, Vienna 6-8 June 2018
CRPPH identified priorities

Committee on Radiological Protection and Public Health (CRPPH)

- Expert Group on International Recommendations (EGIR)
- Expert Group on Legacy Management (EGLM)
- Expert Group on Recovery Management (EGRM)
- Expert Group on experience in the ICRP dose limit lens of the eyes (EGDLE)
- High-level Group on Global Low-Dose Radiation Concordation (HLG-GLDRC)
- Ad-hoc Group on Radiation Risks in Communication (EGRRCC)

Working Party on Nuclear Emergency Matters (WPNE)

- Expert Group on communication platforms.
- Expert Group on Radiological Public Health Aspects of Radiation.
- Expert Group on building nationally adapted frameworks for recovery
- Expert Group on benchmarking on dose projection code outputs
- Update WPNE member country Protective Measures Handbooks.
- Involvement of decision-makers in protective action strategy.
- EGIR on update of ICRP 109, 111 (EPR and recovery).

Other activities

- Post-accident Food Management Framework
- Career Framework
- Attributability of effects

Workshop
- 19-21 Sept. 2018
- 5th Science and Values

NEA Workshop 2019
- 2nd stakeholder involvement
- Theme "risk communication"

Joint Workshop
- CRPPH-KWMC-DLM
- Optimisation in Decommissioning, Waste and Legacy Management

Joint NEA-OECD-EC/JRC Workshop 2020
- ICRP in the nuclear and non-nuclear fields

Joint NEA-WHO Workshop
- Non-radiological health effects of radiation

Possible Joint CRPPH-OLC Workshop
- Emergency preparedness, response and nuclear liability

IRPS
- International RP School – Stockholm, 20-24/8/2018

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Communicating radiation hazards

Outcomes of CRPPH-76 Topical Session

Communicating radiation hazards: index/scale concepts

- Communicating on radiation hazards included in CRPPH PoW future direction
- Addressing radiation risk communication within the CRPPH
  - cannot be done in a single step nor in the short term and
  - it should distinguish actions between experts and with the public.
- Ad-hoc Group on Radiation Risk Concept and Communication (EGRRCC) to define what an step-wise strategy should be for the future work.
- Working paper on the concept of risk, aiming at developing a common understanding of what the RP community means and understands as radiation risk.
NEA 2\textsuperscript{nd} Stakeholder Involvement Workshop

- As one of the outcomes of the session, CRPPH agreed to lead the NEA's 2\textsuperscript{nd} Stakeholder Involvement Workshop on Risk Communication.
- Outcomes of the topical session → inputs for the workshop.
- The workshop will invite all relevant NEA Committees.
- Distinct feature as regards the 1\textsuperscript{st} workshop: members of stakeholder groups will be invited to explain their circumstantial concerns and related understanding needs.

• SAVE THE DATE: September 24-26 2019
INEX 5 Exercise & International Workshop

- Table top exercise
- Addressing EM aspects of Notification, Communication & Interfaces related to Catastrophic Events
- 22 participating countries
- 2 regional playing

Protective actions implemented/ordered in the regional exercise involving:

Slovenia-Austria-Croatia-Hungary-Italy

Germany and the Netherlands

Source: SNSA, Slovenia
Source: BfS, Germany

INEX-5 Reports

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Towards and all-hazards approach in emergency management

Flagship Report
Launch webinar on 12 January 2018

• The report consist of a set of various contributions from the non-nuclear field illustrating the multidisciplinary nature of EPR systems.

• Very positive feedback, external and internal

• Very fruitful collaboration with the OECD family (GOV, ENV) and the EC JRC (eMars Database, Natech) leading to follow-up joint workshop

Joint workshop on EPR in the nuclear and non nuclear fields (2020)
New WPNEM Programme of Work

Driven by follow up of INEX 5 outcomes & activities towards an “all-hazards” approach in EPR

CRPPH

Working Party on Nuclear Emergency Matters (WPNEM)

- Expert Group on real-time communication platforms.
- Expert Group on non-radiological Public Health Aspects of Radiation (in collaboration with WHO)
- Expert Group on building nationally adapted frameworks for recovery
- Expert Group on benchmarking on dose projection code outputs
- Update WPNEM member country Protective Measures Handbooks.
- Involvement of decision-makers in protective action strategy.
- EGIR on update of ICRP 109, 111 (EPR and recovery).

Joint NEA-OECD-EC/JRC Workshop 2020

EPR in the nuclear and non-nuclear fields

Joint NEA-WHO Workshop

Non-radiological health effects of radiation

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Expert Group on International Recommendations (EGIR)

Assessment of the following draft ICRP recommendations

- Effective Dose as a Risk-related RP quantity;
- NORM;
- TG 93 report (update to ICRP 109 and 111 on EPR and recovery).

NEW! Expert Group on sharing lessons learned on implementing the ICRP recommended equivalent dose limit for the lens of the eye for occupational exposures (EGDLLE)
Accident recovery and legacy management

Expert Group on Legacy Management (EGLM)

- EGLM Mandate extended until phase-I work completed and new CDLM is established
- Report finalising phase-I expected to be an NEA flagship report.
- Then, EGLM will be under CDLM and will continue reporting to CRPPH

Expert Group on Recovery Management (EGRM) NEW!

- EGRM will address recovery planning, and recovery framework building
- Driven by CRPPH integrating WPNEM experts
- It will start by describing best practices in developing a recovery framework adapted to national conditions
- First scoping meeting scheduled for Q1 2019
Global Low-Dose Research Coordination

Low radiation doses meaning below to far below about 100 mSv

- Low dose research has been an **objective** of government, industry, and university research programmes for some time
- Low dose research is a **vast subject**, addressing such aspects as:
  - chronic versus acute exposures, dose and dose rate effects, effects of different types of radiation, organ and tissue sensitivity, cellular damage mechanisms and tumour progression pathways, etc.
- **Scoping meeting** in September 2018, Milan, Italy, with representatives of high level research projects and funding organizations to discuss the way forward with this issue.

Also in the field of research within CRPPH: Joint Project Uncertainty and Variability in Organ Doses from Environmental Exposures
NEA International RP School (IRPS)

Preparing tomorrow's RP leaders by learning from today's experts

Understanding the "spirit" of the RP system is an integral component of its effective application.

- 20-24 August 2018, Stockholm University, Sweden
- Application period now closed. 75 applications. Notification by June 2018

Fifth Workshop on Science and Values in Radiological Protection Decision Making

Integrating new scientific and technological developments, and evolving the understanding of social considerations into decision making

- 19-21 September 2018, Milan, Italy
- Registration deadline extended to 25 June 2018
Multi committee joint workshop on optimisation in decommissioning, waste management and legacy management

- The joint workshop could be oriented to explore approaches to build a coherent optimisation framework for decommissioning, waste management, and legacy management from a multidisciplinary perspective.

**Attributing Health Effects to Ionizing Radiation Exposure and Inferring Risk**

- IAEA presentation during CRPPPH-76 on ongoing work at the IAEA
- CRPPPH to explore this issue with interested CRPPPH members at the policy level.
Thank you for your attention

More information @ www.oecd-nea.org
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