Update on NEA Activities

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International Waste Safety Standards Committee (WASSC)
44 Meeting, 13-17 November 2017
NEA Update

New member countries:

- Argentina
  - CNEA ([Comisión Nacional de Energía Atómica](https://example.com))
    September 1, 2017.

- Romania
  - Nuclear Agency & Radioactive Waste (ANDR),
    October 1, 2017
NEA Structure and Technical Committees

Office of the DG

Steering Committee

NEA Divisions

Legal Affairs & Strategic Resources

Nuclear Safety Technology & Regulation

Radiological Protection & Human Aspects of Nuclear Safety

Radioactive Waste Mgmt.

Nuclear Science & Databank

Nuclear Development

Technical Committees

NLC

CNRA

CNSI

CRPPH

RWMC

NSC & DataBank

NDC

FSC

IGSC

WPDD

RF
New technical committee - CDLM

The (Technical Committee on Decommissioning of Nuclear Installations and Legacy Management) CDLM is proposed to lead NEA activities in the areas of decommissioning of nuclear installations and legacy management:

• To continue the ongoing work on decommissioning and dismantling of various nuclear facilities (reactors, radioactive waste and spent fuel storage facilities, reprocessing facilities) and reactor types;

• Continue the work in the area of legacy management, particularly to address the management of legacy waste, waste sites and releases of legacy sites.
New technical committee - CDLM

- In the 134\textsuperscript{th} meeting (April 2017), the Steering Committee discussed an RWMC recommendation to establish a new standing technical committee (STC) to improve the ability of the NEA to assure strategic focus on the decommissioning of nuclear facilities and management legacies from past radiological activities.
- A Decision Paper [NEA/NE(2017)12] has been submitted to the Steering Committee regarding the creation of this new Committee on Decommissioning of Nuclear Installations and Legacy Management ("the Committee").
- In the 135\textsuperscript{th} meeting (24-25 October 2017), the Steering Committee was proposed by the NEA Secretariat to establish the CDLM; however, the decision was postponed to April 2018 due to request of some member countries.
- The NEA is now continuing preparation to the CDLM creation.
Working parties

Integration Group for Safety Case - IGSC

• New group – Crystalline Club
  • Requested by Russian Federation, supported by Czech Republic and Japan, approved in IGSC-18 in 2016, and created in 2017.
  • Building upon the success of the Clay Club / Salt Club, primary objective is to promote scientific studies on characterization of crystalline rocks via joint undertakings of common interests.
  • Membership: 24 official members from 7 countries (Canada, Czech Republic, Germany, Japan, Russian Federation, Spain, United States)

• New publications
  • “Communication on the Safety Case for a Deep Geological Repository” (2017);
Working parties

Working Party on Decommissioning and Dismantling - WPDD

• New group – Task Group on Optimising Management of Low-level Radioactive Materials and Waste from Decommissioning started working in 2017
  • Strategic considerations for minimisation of low-level radioactive waste resulting from decommissioning building on recent the CPD study on recycling and reuse of material

• New publications
  • “Addressing Uncertainties in Cost Estimates for Decommissioning Nuclear Facilities” (2017);
  • “Recycling and Reuse of Materials Arising from the Decommissioning of Nuclear Facilities” (2017);
  • “Radiological Characterisation from a Waste and Materials End-State Perspective - Practices and Experience” (2017)
Expert groups

EGIRM (Expert Group on Inventorying and Reporting Methodology)
- Methodology is published (Sept. 2017);
- Participation in the joint initiative (IAEA, EC and NEA) on development of joint reporting tool;
- Development of recommendations on RW volume recalculation;
- The workshop on the methodology implementation;

EGPMRW (Expert Group on Predisposal management of RW)
- Report is going to be published in the end of year

RK&M (Records, Knowledge and Memory initiative)
- KIF (Key Information File) concept report is ready for publication;
- SER (Set of Essential Records) – drafting (ready for publication in Feb);
- Regulatory catalogue – (2Q 2018);
- Final report – (2Q 2018)
NEA/RWM recent events

Joint Workshop (FSC/IGSC) – 14-15 Sept 2017, Paris

• The common aim is to increase confidence in the safety cases via an enhanced stakeholder involvement and communication with all stakeholders.

Key findings

• Safety case communication – ultimately how to build a trust.
• Personal contact is more appropriate to build a trust – share emotion.
• Added value of collaboration between IGSC and FSC (and WGPC);
  ✓ Develop common “language” and “sense” between technical and non-technical people;
  ✓ Learn each other’s prospective, experience and find the better way;
  ✓ Social Media replaces nothing – but complements everything
NEA/RWM oncoming events

• Workshop on the implementation of the waste inventory presentation methodology - 28 Feb-1 Mar 2018, Paris;

• Workshop on the regulation of decommissioning – 20-21 Jun 2018, Paris;
