

NEA Web Event: Launch of the newly published NEA report:

Regulatory implementation of the equivalent dose limit for the lens of the eye for occupational exposure

Successes and challenges to the approaches identified through a survey of regulators

7 March 2022 13:00 – 15:00 (CET, UTC+1)

What is the topic?

The Nuclear Energy Agency (NEA) invites all interested policy makers, regulators, practitioners and researchers, to participate in an online web-event to launch its newly issued report on “*Regulatory implementation of the equivalent dose limit for the lens of the eye for occupational exposure: Successes and challenges to the approaches identified through a survey of regulators*” (NEA/CRPPH(2021)1, soon available on <https://www.oecd-nea.org/>

This report was produced by the NEA Expert Group on the Dose Limit for the Lens of the Eye (EGDLE) created in 2019 by the Committee on Radiological Protection and Public Health (CRPPH), with the objective of providing an opportunity for regulators and stakeholders to share lessons learned in the practical implementation of the International Commission on Radiological Protection’s (ICRP’s) recommended equivalent dose limit for the lens of the eye for occupational exposures. It summarises the practical experiences of regulators and stakeholders worldwide in implementing the ICRP’s recommended equivalent dose limit for the lens of the eye for occupational exposure, including successes and challenges to the approaches.

How to join the event?

Please follow this [registration link](#). After completing the link, you will receive a confirmation email with the details to join the web event.

Moderators

- Ms Christina Dodkin, Chair of the NEA Expert Group on the Dose Limit for the Lens of the Eye (EGDLE), Radiological protection specialist, Canadian Nuclear Safety Commission, Canada
- With the assistance of the NEA technical secretariat, M. Jan-Hendrik Kruse (radiological protection specialist) and Dr Jacqueline Garnier-Laplace (Deputy Head), Division on Radiological Protection and Human Aspects of Nuclear Safety (RP-HANS)

Panellists

- Dr Borislava Batandjieva-Metcalf, Secretary of the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR)
- Prof Marie-Claire Cantone, Vice-Chair of the EGDLE, Vice-Chair of the International Radiation Protection Association (IRPA) Task Group on the implementation of the eye lens dose limit, Professor of Applied Physics at the University of Milan, Italy
- Dr Marie-Anne Chevallier, member of the EGDLE, Chair of Working Group 2 on "Harmonisation of Individual Monitoring" of the European Radiation Dosimetry Group (EURADOS), researcher in dosimetry at the Institute of Radiological Protection and Nuclear safety, France

- Dr. Salah Djeflal, Canadian Nuclear Safety Commission's lead technical advisor for Canada's Federal Nuclear Science and Technology research project on eye lens dosimetry, Chair of the Canadian Advisory Committee for ISO, Canada
- Dr Liz Ainsbury, Chair of EURADOS Working Group 10 on "Retrospective Dosimetry", member of ICRP Committee 1 on "Radiation Effects", Principal Radiation Protection Scientist, UK Health Security Agency
- Dr Thomas Otto, Representative from the International Commission on Radiation Units and Measurements (ICRU).
- Prof Werner Rühm, Chair of the International Commission on Radiological Protection (ICRP) and former chair of EURADOS

Programme – Monday 7 March 2022

13:00 – 13:05 CET

Opening and welcome address

William D. Magwood, IV, Director-General, Nuclear Energy Agency

13:05 – 13:30 CET

Overview of the report

Christina Dodkin, Chair of the NEA Expert Group on the Dose Limit for the Lens of the Eye

- Main findings collected by a survey targeting national regulatory authorities
- Identified areas of improvement and conclusions
- Next steps to facilitate continued dialogue and information exchange

Q&A session with the audience for sharing overall feedback on the report and ask for clarification

13:30-14:50 CET

Moderated panel topical discussion

- **Theme 1: implementation aspects**

(e.g., use of personal protective equipment, harmonisation of accreditation and technical specifications for Hp(3) eye lens dosimeters, improvement of the availability of eye lens dosimeters worldwide, use of surrogate dosimeters and correction factors, quality of related data in National Dose Registries, education and training)

Theme 1 will be introduced by key highlights from *Dr Djeflal, Dr Otto, Prof Cantone, and Dr Chevallier*, followed by a 20-min Q&A session.

- **Theme 2: research needs**

(e.g., critical literature review, ongoing or planned research projects and their contribution to advancing aspects of radiological protection of the eye and/or improving eye lens dosimetry, insights on research that may impact our understanding of the effects of radiation exposure on the lens of the eye).

Theme 2 will be introduced by key highlights from *Dr Batandjieva-Metcalf, Prof Rühm, and Dr Ainsbury*, followed by a 20-min Q&A session.

14:50-15:00 CET

Wrap up and concluding remarks

Christina Dodkin, Chair of the NEA Expert Group on the Dose Limit for the Lens of the Eye
