NEA WEB EVENT: REGULATORY IMPLEMENTATION OF EQUIVALENT DOSE LIMIT FOR THE LENS OF THE EYE FOR OCCUPATIONAL EXPOSURE

DISCUSSION PART - THEME 1: IMPLEMENTATION ASPECTS

Marie-Anne Chevallier, Institut de Radioprotection et de Sûreté Nucléaire
Chair of EURADOS WG2
EURADOS Working Group 2: "Harmonisation of Individual Monitoring

- WG2 was assigned the task of setting up a self-sustained program of personal dosemeter inter-comparisons in Europe, since 2008.
- Intercomparison for whole body / whole body neutron / extremity dosemeters
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2019: intercomparison exercise for extremity and eye lens dosemeters

- First one driven by WG2 for routine eye lens dosemeters supplied by Individual Monitoring Services
- Specifications for eye lens dosemeters designed to:
  - estimate $H_p(3)$ which are worn on the head (not on the chest)
  - measure either photons and betas or photons only
EYE LENS DOSIMETRY: RECENT WG2 EURADOS ACTIONS

[ INTERCOMPARISON EXERCICE ]

IC2019ext,eye provided useful results about the current performances for eye lens dosemeters.

More information on the dedicated EURADOS report:

"EURADOS Intercomparison 2019 for Extremity and Eye Lens Dosemeters - Summary of Procedures, Results and Conclusions"
A.F. McWhan, W. Dobrzynska, H. Stadtmann, T.W.M. Grimbergen, M. Figel, A.M. Romero, I. Clairand

Available on the EURADOS website:
EYE LENS DOSIMETRY: WG2 EURADIOS ACTIONS

COLLABORATION BETWEEN EURADIOS AND ISO

- Elaboration of standards dealing with personal dosimetry

Collaborative action: setting up a survey
- Participants: Individual Monitoring Services
- Aim: have an up-to-date overview of the routine practices of individual monitoring services in order to assist ISO in the drafting/revision of standards
- Action on progress with one specific section about eye lens dosimetry

Action all the more of interest as the revision of ISO 15382 is started
- ISO 15382:2015: Radiological protection — Procedures for monitoring the dose to the lens of the eye, the skin and the extremities
Thank you for your attention!