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Determination of personal effective dose at NORM workplaces

Czech legacy require measurement and determination of effective doses at workplaces (Atomic law and it´s implementing regulation). National Institute for Nuclear, Chemical and Biological Protection (SUJCHBO, v.v.i.) ensures the service of personal dosimetry and the service connected with measuring and determining of effective doses of workers at NORM workplaces. The main goal of the contribution is presenting of the SUJCHBO approach to the determination of effective doses caused by radon decay products inhalation at different type of NORM workplaces. Measuring principles, the calculation of the effective dose, and the radon metrology are introduced in the presentation. The presentation describes also different possibilities of the annual effective dose estimation within the complicated net of radiation protection units and in the framework of accepting a new conversion coefficients.

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