

VARIATION OF ^{222}Rn ACTIVITY CONCENTRATION IN WORKPLACE

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ABSTRACT

The aim of this report was to demonstrate the impact of different approaches to determining of the average radon activity concentration for the calculation of effective dose from radon. Continual set of data for modelling of temporal variations was obtained. We found out that frequency distributions of measured radon activity concentration differ for various parts of day and year.

Key words: Indoor radon, frequency distribution, daily and annual variation, effective dose, mean activity concentration.