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Assessment of contaminations of environmental media by NORM

Abstract

Article 47 EU BSS requires from the EU Member states to carry out tasks given in the following items:

- (a) achieving and maintaining an optimal level of protection of the environment and the population;
- (b) checking the effectiveness of technical devices for protecting the environment and the population;
- (c) acceptance into service, from the point of view of surveillance of radiation protection, of equipment and procedures for measuring and assessing, as appropriate, exposure and radioactive contamination of the environment and the population.

However, the term “environment” refers so far in the BSS solely to non-human biota (flora, fauna). But environmental protection can be seen in a broader sense, too. Besides human health and biota also the environmental goods water, soil and air can be considered as worthy of protection by themselves. In the presentation some of the aspects resulting from this point of view will be discussed. It will be outlined which criteria and standards in particular related to NORM could be applied.