

A brief history of NORM regulation

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It is 25 years after the first NORM symposium in this series, and therefore a perfect opportunity to look back and review the development and progress of NORM regulations. This presentation starts with a brief overview of the regulatory aspects of NORM in the period before the publication of the Basic Safety Standards by the EU in 2013 (EU-BSS, Euratom directive 2013/59) and IAEA (GSR-part 3) in 2014.

The evolution of the ICRP recommendations regarding NORM are one of driving forces for the regulatory developments, so they will be briefly discussed with respect to their follow up in the IAEA and EU Basic Safety Standards. Finally, some details regarding the regulation of NORM in the EU-BSS will be discussed with special attention to the concepts of conditional/specific exemption and clearance. These concepts are a powerful starting point for the possible application of NORM residues in a more circular economy and therefore their implementation in the regulatory system will be briefly discussed.