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BACKGROUND

FCT Fellow at ITN from 2004 to 2010;

Radiation Protection Scientist at UK
Health Security Agency from 2014 to
2019;

Senior Technician at APA until 2024;

At the moment is a Radiation
Protection Specialist at IAEA

IAEA Standards on Radon

Abstract

Radon and its decay products are a major source of natural radiation exposure to the public and workers worldwide. Recognizing its radiological significance and the need for consistent management, the International Atomic Energy Agency (IAEA) establishes requirements and guidance for protection against exposure due to radon in its Safety Standards. The General Safety Requirements Part 3 (GSR Part 3) sets the fundamental framework, identifying radon exposure as an existing exposure situation and assigning responsibilities to governments and regulatory bodies to develop national strategies for its control. Complementary guidance is provided in documents such as SSG-32 - Protection of the public against exposure indoors due to radon and other natural sources of radiation, SRS-98 - Design and conduct of indoor radon surveys, and TECDOC-1951 - Protection against exposure due to radon indoors and gamma radiation from construction materials. Together, these publications provide practical recommendations for implementing the requirements of GSR Part 3, supporting a graded and integrated approach to radon risk management that combines measurement, mitigation, and long-term control within the overall system of radiation protection. Beyond the Safety Standards, the IAEA supports Member States through a range of capacity-building and knowledge-sharing activities related to radon. These include the development and dissemination of information materials, technical guidance documents, and online resources, as well as the organization of international and regional workshops, training courses, and expert missions.

This talk will provide details on these IAEA publications and activities.



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