



FORO

Foro Iberoamericano de Organismos Reguladores Radiológicos y Nucleares



FORO Technical Program: Finalised Documents

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FORO's Steering Committee

GNSSN Steering Committee
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Probabilistic Safety Analysis of Linear Accelerator Radiotherapy Treatments

➤ IAEA TecDoc 1670 in Spanish (2012)

Proactive safety assessment methods in radiotherapy as a complement to traditional reactive methods, by applying a Probability Safety Analysis (PSA) of the radiotherapy treatment process with a medical linear accelerator (LINAC) to investigate the main causes and sequences of events that can lead to accidental exposure to ionising radiation, and to explore the applicability of this type of analysis.

Self-Assessment of the Regulatory Program for Radiological Protection in Medical Exposures

➤ IAEA TecDoc 1710 in Spanish (2013)

Development of guidelines for a self-assessment of the regulatory program for medical examinations, with the aim of providing the regulatory body with a method for evaluating its program in this area and, consequently, facilitating the development of more efficient regulatory programs that promote compliance with the radiation protection requirements for patients, as established in the basic safety standards.

Establishment of a Common Methodological Guide for Radiological Emergency Analysis and Identification of Lessons

- **Guide for analysis of a nuclear and radiological emergency, under revision for an IAEA TecDoc in Spanish (2023)**

Development of a methodological guide, which provides a standardised basis for the analysis of a nuclear or radiological emergency, in order to strengthen prepared-ness and response actions for this type of event. This guide proposes stages and steps to be followed, ranging from the collection of information at the beginning of the emergency, to the drafting of the final report.

Establishment of Licensing Criteria and Inspection Requirements for Facilities with Cyclotrons for the Production of Radioisotopes used in Medical Applications and Research

- **IAEA TecDoc in Spanish in revision process (2022-2023)**

Establishment of procedures for licensing and inspecting of facilities with cyclotrons for radioisotope production.

Safety Culture in Organisations, Facilities and Activities with Ionising Radiation Sources

➤ IAEA TecDoc 1995 in Spanish (2022)

Provision of a framework for the introduction and practical application of the concept of safety culture in organisations that carry out activities with radiation sources, considering the particularities of radiological and physical protection and safety of the sources.

Guide to Producing a Programme for the Creation and Development of NPP Regulator Competencies

➤ IAEA TecDoc 1794 in Spanish (2016)

Improvement of systems, programmes and practices for training and developing skills among nuclear power reactor regulatory personnel. The resulting guide provides concrete elements, both for embarking countries or with extensive experience, for developing specific aspects based on the analyses and exercises developed in the project, as well as a series of good practices.

Competencies of Regulatory Agency Personnel in Medical and Industrial Radiological Applications

➤ IAEA TecDoc in Spanish to be published soon (2022)

Provision of a tool to enable the development of a program for the creation and development of regulator competencies in medical and industrial practices. Certain parts of the final document are intended to provide assistance in the development of specific aspects of the programme.

Thank you!
¡Muchas gracias!

