



Foro Iberoamericano de Organismos Reguladores
Radiológicos y Nucleares



“Regional Priorities for Nuclear and Radiation Safety in the Ibero-american region”



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Vienna, 1st to 3rd December 2014*

FORO Members

ARGENTINA



Autoridad Regulatoria Nuclear

BRASIL



Comissão Nacional de Energia Nuclear

CHILE



Comisión Chilena de Energía Nuclear

COLOMBIA



Ministerio de Minas y Energía

CUBA



Centro Nacional de Seguridad Nuclear

SPAIN



Consejo de Seguridad Nuclear

MEXICO



Comisión Nacional de Seguridad Nuclear y Salvaguardias

PERU



Instituto Peruano de Energía Nuclear

URUGUAY



Autoridad Reguladora Nacional en Radioprotección

About FORO (1)

Who are we?

*an association of **Nuclear and Radiological regulators** created in 1997 with the aim of promoting **Radiation Protection, Nuclear Safety and Security** at the highest level in the region.*

Our Vision

*being a fruitful environment for strengthening **safety** through the **exchange** of information and practices, as well as through **technical and scientific projects** in matters of mutual interest.*

Our Language

Spanish

About FORO (2)

Our Mission

- *Promote **Safety**,*
- ***Exchange** of information and knowledge,*
- *Sharing of knowledge and development of **projects of common interest**,*
- ***Harmonization** of the regulatory practices, and*
- ***Cooperation** with national, regional and international organizations and associations with **similar objectives**.*

FORO Structure

Plenary

Annual meeting of the **Heads** from the member organisations to **share** regulatory practices, **debate** on national commitments, **define** strategy and **endorse** FORO results and budget.

Steering Committee

Biannual meetings of **senior experts** from the member organisations to review the **Technical Programme**, follow-up the projects and execute the strategy defined by the Plenary.

Secretariat

Institutional contact point, responsible for the **documentary** and the **administration** of FORO. Supporting and following-up FORO actions.

FORO - IAEA

- IAEA acts as the **Scientific Secretariat** of FORO: being the main **scientific reference**, IAEA's experts participate in the development of FORO Projects.
- IAEA **administrates** the FORO funds through an Extra-Budgetary Programme.
- IAEA **publishes** FORO results and/or **uses** them to develop guidance or normative.
- IAEA contributes with FORO to the **spread of FORO results** in Ibero-American Region (in Spanish) and worldwide.
- IAEA supports **translation of FORO results** into other UN languages.

FORO Program (1)

- *FORO develops its Technical Program giving **priority to regional and national needs** and taking into account the IAEA's Action Plan.*
- *FORO projects are of **regulatory interest** and **innovative**. No duplication with other international organisations.*
- *FORO projects are financed through an **IAEA Extra-Budgetary Program**, with only **contributions from its members**.*
- ***100 regulatory specialists** from the member organisations are networking in groups, sharing their experiences, good practices and lessons, addressing problems by means of technical projects and other activities, and making the results available to others.*

FORO Program (2)

- ***Radiation protection of workers***
- ***Radiation protection of patients***
- ***Radiation protection of the public and the environment***
- ***Emergency preparedness and response***
- ***Accident and Incident Management***
- ***Control of radiation sources***
- ***Decommissioning and closure of Installations***
- ***Radioactive waste management***
- ***Nuclear safety***
- ***Transport of radioactive material***
- ***Knowledge management***
- ***Human and organizational factors***
- ***Physical security***
- ***Legal issues***

FORO Activities (1)

Seven projects completed:

- 1. Prevention of **accidental exposures** in radiation therapy through the application of probabilistic risk assessment (**SEVRRRA** tool);*
- 2. Collaborative approaches between regulatory and health authorities for regulatory control of **medical exposures**;*
- 3. Regulatory assessment and inspection of **NPPs' ageing management and long-term operation**;*
- 4. Control of **inadvertent radioactive material from scrap metal in recycling industries**;*

FORO Activities (2)

- 5. Assessment of **stress tests** performed to NPPs in the FORO countries;*
- 6. **Harmonisation** of regulatory criteria in **emergency preparedness and response**;*
- 7. **Licensing of cyclotrons** for the production of radionuclides for positron emission tomography in medical applications.*

FORO Activities (3)

Four projects under development:

- 1. **Capacity building** for regulatory staff related to the **safety** of nuclear reactors;*
- 2. Guidelines to promote and develop **safety culture** on practices involving the use of **ionizing radiation**;*
- 3. **Clearance** criteria in radioactive installations;*
- 4. **Risk assessment** methodology for **industrial practices** using ionising radiations.*

FORO results diffusion (1)

Our main Tool

*FORO has assigned the highest priority to the development of an **Iberoamerican Knowledge Sharing Network (La RED)** as the main tool to facilitate and enhance knowledge sharing among its members, the staff from **other regulatory agencies** and public in general.*

Iberoamerican Region

*sharing a common language, borders and history, regulators from the Region are **invited as observers** to FORO Plenary meetings and to **exchange knowledge and results** through La RED.*

IAEA Technical Cooperation

*FORO experts participate in **TC workshops** to present FORO results.*

FORO's RED

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EL FORO | ACTIVIDAD | CONOCIMIENTO

BIENVENIDO

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Manual del curso de Posgrado en Protección Radiológica y Seguridad de las Fuentes de Radiación 2008

Noticias

25 | MARZO | 2013

+ Publicaciones



El Foro Iberoamericano de Organismos Reguladores Radiológicos y Nucleares (FORO) fue constituido en 1997 como una asociación dedicada a contribuir y promover la seguridad nuclear, radiológica y física en la región iberoamericana.

El FORO está constituido por los organismos reguladores radiológicos y nucleares de Argentina, Brasil, Chile, Cuba, España, México, Perú y Uruguay. [Ver más](#)



Resultados del análisis probabilista de seguridad de tratamientos de radioterapia con acelerador lineal.

FORO's RED

Noticias



News

25 | MARZO | 2013



Evaluación del nuevo portal colaborativo del FORO por el Grupo de Gestión Integrada de la Información (GII), Río de Janeiro – Brasil

Durante los días 18 al 22 de marzo del 2013 se celebró, en la sede de la Comisión Nacional de

Energía Nuclear (CNEN) en Río de Janeiro, la reunión del Grupo de Gestión Integrada de la Información (GII) del FORO y del Organismo Internacional de Energía Atómica (OIEA) con el objetivo de evaluar la operatividad y eficiencia del nuevo portal del FORO, teniendo para ello la colaboración de dos miembros del Grupo de Tecnología de la Información (GTI)

19 | FEBRERO | 2013



Primera publicación conjunta FORO-OIEA de los resultados obtenidos del proyecto "Análisis Probabilista de Seguridad de Tratamientos de Radioterapia con Acelerador Lineal" (APS)

Recientemente se han publicado los resultados del trabajo del FORO "Análisis Probabilista de Seguridad



+ Publicaciones

en Protección Radiológica y Seguridad de las Fuentes de Radiación 2008

Áreas temáticas



Link to Thematic Areas

Protección radiológica ocupacional



Protección radiológica del paciente



Protección radiológica del público y ambiente



Preparación y respuesta a emergencias



Investigación y seguimientos de accidentes e incidentes



Control de fuentes



Clausura y cierre de instalación



Gestión de residuos



Seguridad nuclear



ANÁLISIS DEL INFORME



"Conceptos básicos de la gestión de residuos radiactivos"



Video Homenaje al Dr. Dan Beninson



"Potential exposures"



Decommissioning of Medical, Industrial and Research Facilities, Safety Standards Series, Safety Guide, No WS-G-2 2 Clausura de instalaciones médicas, industriales y reactores nucleares Colección de normas de seguridad Guía, Nr



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Uso de Fuentes Radiactivas No Selladas en Medicina Nuclear, Norma UY 105



RED as IAEA's TC Platform

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EL FORO ACTIVIDAD CONOCIMIENTO

CONOCIMIENTO > ÁREAS TEMÁTICAS > TSA1

Áreas temáticas

Sinergia: Autoridades de la región latinoamericana FORO-OIEA



Los representantes de las máximas autoridades de los órganos reguladores de los países miembros del proyecto RLA9079: Bolivia, Brasil, Chile, Colombia, Costa Rica, Cuba, República Dominicana, Ecuador, El Salvador, Guatemala, Haití, Honduras, México, Nicaragua, Panamá, Paraguay, Perú, Uruguay y Venezuela, acordaron buscar una herramienta tecnológica que sirva como base para el intercambio de conocimiento y experiencias en el tema de seguridad radiológica.

Por ese motivo estos países solicitaron al Foro Iberoamericano de Organismos Reguladores Radiológicos y Nucleares (FORO) la apertura de un ambiente de trabajo que permita a todos los Países de la región latinoamericana tener acceso a una plataforma de colaboración.

Acceder

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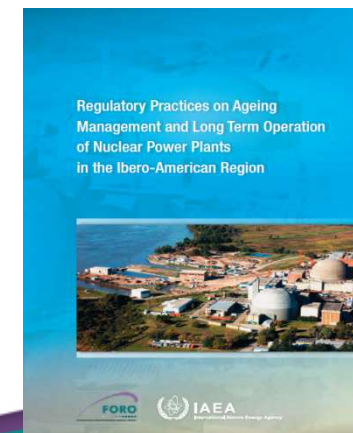
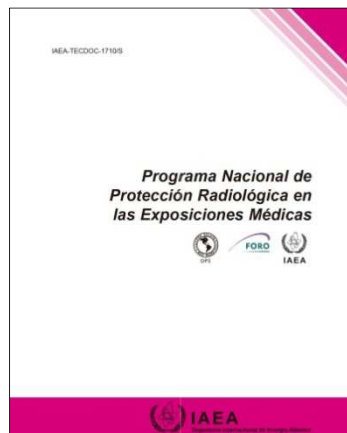
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FORO results diffusion (2)

IAEA GC 2013:

**Measures to strengthen international cooperation in nuclear,
radiation, transport and waste safety**

6) Requests the Secretariat to strengthen its cooperation with the regional regulatory organisations FORO, ENSREG and WENRA in areas of mutual interest, and further requests the Secretariat to promote wide dissemination of technical documents and outcomes of projects developed by these organisations;



FORO Cooperation with other organisations

- *The FORO **values** cooperation with other organizations while maintaining its **independence**;*
- *World Health Organisation (**WHO**) and Pan-American Health Organisation (**PaHO**) cooperated with FORO in the field of radiation protection to patients;*
- *General Secretariat for Ibero-America (**SEGIB**) contributes to the spread of FORO results in the region;*
- *FORO is Special Liaison Organisation of the International Commission on Radiological Protection (**ICRP**);*
- *Cooperation with International Radiation Protection Association (**IRPA**) in areas of mutual interest.*

FORO proposals to cooperate with other associations

- *To create an environment of cooperation taking into account FORO's **principles of independence, equity and a rigorous technical program** aimed at exchanging experience and knowledge among regulatory bodies,*
- *To promote and **spread** among other regions our results and their contribution to **radiation protection, nuclear safety and security.***
- *To optimize the efforts and resources and to maximize the existing **complementary roles** of other networks and associations to achieve objectives at optimal costs.*
- *To continue developing **innovative high level technical projects and activities** in radiation protection, nuclear safety and security.*
- *Share results with other associations and networks in the frame of **IAEA's General Conference.***



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Thanks you
Muchas gracias
Muito obrigado