

AUDIENCE

The conference is directed at a broad range of experts in the area of nuclear safety and security regulation, bringing together the world's senior regulators responsible for the areas of nuclear and radiation safety and nuclear security.

KEY DEADLINES (Extended)

- 30 October 2012 Submission of extended synopsis (including Form B)
- 30 October 2012 Submission of grant applications (Form C)
- 30 November 2012 Notification of acceptance of paper
- 7 January 2013 Submission of full paper (only upon request by the IAEA, including Form A)

Any participant not submitting a paper should submit Participation Form A through the appropriate authority as soon as possible.

PAPER SUBMISSION

Extended synopses and full papers must be submitted to: RegConf2013@iaea.org

REGISTRATION

No registration fee is charged.

LANGUAGE

The conference will be held in English.

CONFERENCE SECRETARIAT

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CONFERENCE WEB PAGE

<http://www-pub.iaea.org/iaeameetings/41986/International-Conference-on-Effective-Nuclear-Regulatory-Systems>

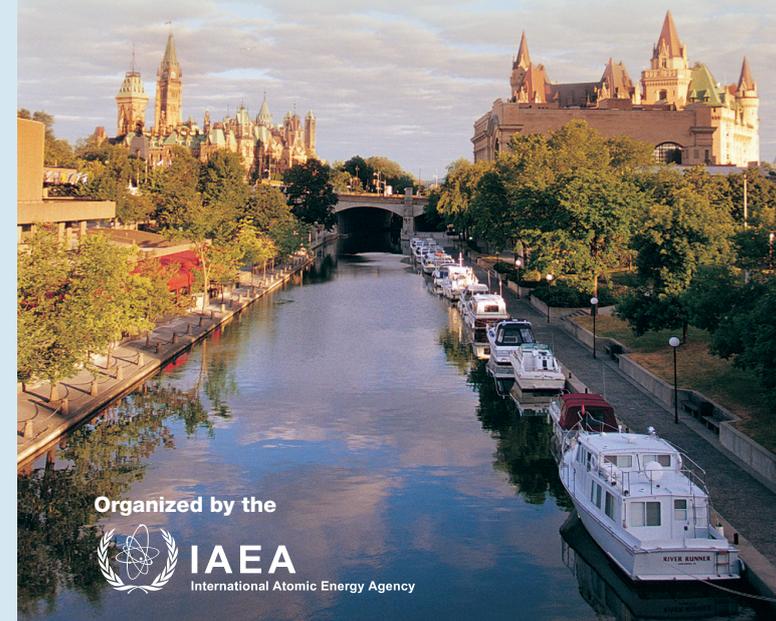
Please include reference number IAEA-CN-198 in all communications.



International Conference on EFFECTIVE NUCLEAR REGULATORY SYSTEMS

Transforming experience into
regulatory improvements

8–12 April 2013
Ottawa, Canada



Organized by the



IAEA

International Atomic Energy Agency

Hosted by the
Government of Canada

Through the



Canadian Nuclear
Safety Commission

[www.iaea.org/meetings
CN-198](http://www.iaea.org/meetings/CN-198)

BACKGROUND

The International Conference on Effective Nuclear Regulatory Systems, to be held in Ottawa in 2013, will continue the tradition established by the two preceding conferences on this subject, which were held, respectively, in Moscow in 2006 and in Cape Town in 2009. Like these earlier conferences, the forthcoming one will play a vital part in the global efforts undertaken by senior nuclear safety and security regulators to review issues that are important to the global nuclear regulatory community, and will focus, in particular, on the key role of regulators in ensuring safety and security.

This conference is being organized in connection with the implementation of the IAEA Action Plan on Nuclear Safety. It will be the first major event specifically devoted to nuclear regulatory systems following the accident at TEPCO's Fukushima Daiichi nuclear power plant. The implications of the accident for all nuclear regulators — not only those from countries with operating nuclear power plants — will be addressed.

OBJECTIVES AND EXPECTED OUTCOME

The purpose of this conference is to review and assess ways of further improving the effectiveness of regulatory systems for facilities and activities taking into account lessons learned from the Fukushima Daiichi accident, as well as to propose specific actions in order to:

- a) Enhance regulatory measures aimed at preventing the occurrence and minimizing the consequences of nuclear accidents;

- b) Address lessons learned and challenges in the management of radioactive waste and spent fuel, with a focus on long term management and disposal;
- c) Enhance transparency and communication among regulators and relevant stakeholders;
- d) Strengthen international cooperation on emergency management;
- e) Support newcomer countries in establishing and strengthening the regulatory framework for their emerging nuclear power programmes;
- f) Enhance safety and security culture in the light of human and organizational factors.

TOPICS

The following topical issues have been identified as subjects for the conference sessions:

Topical Issue No. 1: Regulatory Lessons Learned and Actions Taken

This session will address the lessons learned and actions taken by regulators since the 2009 conference in Cape Town and, in particular, the lessons learned from the Fukushima Daiichi accident.

Topical Issue No. 2: Waste Management and Spent Fuel Safety

This session will address lessons learned and challenges in the management of radioactive waste and spent fuel, with a focus on long term management and disposal. The experience gained by Member States and international organizations with regard to ways of ensuring a high level of safety worldwide in the management of radioactive waste and spent fuel will be of special interest.

Topical Issue No. 3: Emergency Management

This session will address issues related to the role of regulators in nuclear emergencies. Particular attention will be given to the lessons learned and improvements made in emergency preparedness and response following a major accident. The consistency of approaches as well as the efficiency of the chain of command and decision making among neighbouring countries in specific regions should be subject to continuous improvement.

Topical Issue No. 4: Emerging Programmes

This session will discuss the impact of the Fukushima Daiichi accident on the progress of nuclear programmes in countries embarking on the use of nuclear power. The requirements of early integration of safety, security and safeguards will be considered, and the interface between safety and security and how to achieve synergies will be a central point of this session.

Topical Issue No. 5: Human and Organizational Factors, Safety and Security Culture

This session will be devoted to the safety and security culture within the regulatory body. It will also look at the regulatory oversight of programmes established to strengthen human performance and to improve the internal organization at nuclear facilities in order to achieve the highest possible level of safety and security.

