

## EXTENDED KEY DEADLINES

30 January 2015	Submission of abstracts (including Forms A and B);
30 January 2015	Submission of grant applications (Forms A and C);
27 February 2015	Notification of acceptance of abstracts;
30 March 2015	Submission of accepted full paper (max. 4 pages).

## REGISTRATION

No registration fee is charged.

## LANGUAGE

The conference will be held in English.

## CONFERENCE WEB PAGE

Detailed information on administrative procedures, including registration, submission of papers and grants, is provided on the conference web page:

[http://www-pub.iaea.org/iaemeetings/46529/  
International-Conference-on-Operational-Safety](http://www-pub.iaea.org/iaemeetings/46529/International-Conference-on-Operational-Safety)

Please include reference number  
IAEA-CN-227 in all communications.

## CONTACT INFORMATION

### Conference Address

International Atomic Energy Agency  
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### Scientific Secretary of the Conference

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### Administration and Organization

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# International Conference on OPERATIONAL SAFETY

23–26 June 2015  
Vienna, Austria



14-47801

Organized by the



**IAEA**

International Atomic Energy Agency

## BACKGROUND

The IAEA organized the last international conference on operational safety in 2010, during a period when a renaissance of the nuclear industry was considered to be on the horizon. In 2011, however, the nuclear safety world changed as a consequence of the accident that took place at the Fukushima Daiichi Nuclear Power Station.

Currently, there are over 400 nuclear power plant units in operation worldwide, and around 150 units are in various stages of decommissioning. Some 50 units have been shut down following the Fukushima Daiichi Nuclear Power Station accident and consideration is being given to whether they will restart their operation or will enter the decommissioning stage. Around 70 units are under construction and several countries have announced their intention to embark on new nuclear power programmes or expand existing programmes.

This diverse situation poses a number of operational safety challenges to the nuclear industry and, in particular, to utilities that are planning, constructing, commissioning, operating or decommissioning nuclear power plants.

This conference will build on the consensus already achieved and seek further opportunities for the improvement of operational safety worldwide.

## OBJECTIVES

The purpose of the conference is to review the progress of operational safety improvements being introduced in the light of the Fukushima Daiichi Nuclear Power Station accident and to foster the exchange of information on operational safety performance and operating experience at nuclear power plants. The conference seeks to achieve and consolidate international consensus on:

- The role of operational safety peer reviews as a powerful tool for confirming the commitment of nuclear power plant owner/operator organizations to safety improvements and for promoting the application of IAEA safety standards;
- The need for further development of the IAEA safety standards in order to continuously reflect the state of the art in operational safety;
- How to implement, in a harmonized manner, the lessons learned from the Fukushima Daiichi Nuclear Power Station accident and, in particular, those related to operational safety;
- The importance of operational experience feedback and periodic safety reviews for the enhancement of plant safety;
- Safety culture and leadership as drivers for continuous safety improvements;
- The responsibility of corporate management for safety improvements throughout the lifetime of a nuclear power plant;
- The adequate management of long term operation for nuclear power plants, including ageing management, and additional R&D needed to define the limiting factors for plant life extension.

## TOPICS

- International operational safety peer reviews: How do these help to improve nuclear safety and to build transparency, trust and confidence?
- Corporate management of safety: How can we improve the effectiveness of the corporate management from commissioning to decommissioning of nuclear power plants, including early closure?
- Post-Fukushima operational safety improvements: What is the impact of the implemented safety upgrades on operational safety?
- Operating experience: How can we improve the effectiveness of operational experience feedback?
- Leadership and safety culture: How can we achieve a common understanding and appreciation of leadership and safety culture?
- Long term operation: What have we learned from preparation for operation beyond the original design lifetime?

## AUDIENCE

The conference is directed at a broad range of experts in the area of safe nuclear operations, including professionals from different disciplines involved in the operational safety of nuclear power plants. It is aimed at both licensees and governmental officials, including persons from nuclear utilities, regulatory bodies, the industry and academia as well as senior policy makers.

