

Target Audience

The conference is directed at a broad range of experts in the area of nuclear safety, including professionals from the different disciplines involved in the safety of nuclear power plants, installations in other parts of the fuel cycle and research reactors. It is aimed at both licensees and governmental officials, including persons from regulatory bodies, the industry and academia as well as senior policy makers.

Registration Fee

No registration fee is charged to participants.

Key Deadlines

Paper submission: 17 June 2008
Grant applications: 17 June 2008

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Conference web site:

The detailed announcement/call for papers and further information is available at the conference web site:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=158>

International Conference on Topical Issues in Nuclear Installation Safety

Ensuring Safety for Sustainable Nuclear Development

Mumbai, India
17–21 November 2008

Organized by the
International Atomic Energy Agency (IAEA)

Hosted by the
Government of India
through the
Atomic Energy Regulatory Board



Background

Over the years, the IAEA has organized several international conferences on topical issues in various areas of nuclear safety. The conferences have yielded recommendations and triggered activities that have served to increase international cooperation and to promote the exchange of vital information to enhance nuclear safety. The present conference continues this work by focusing on nuclear installation safety.

Objectives

The objective of the conference is to foster the exchange of information on topical issues in nuclear safety, especially on issues that ensure safety for sustainable nuclear development. The conference will identify foundations for international consensus on the basic approaches for dealing with these issues, and will propose recommendations concerning:

- The vital role of national regulators and international organizations in the global harmonization of nuclear safety;
- Opportunities for nuclear development: the perspectives of vendors and operators;
- Safety infrastructure for nuclear programmes;
- Safety management and operational experience feedback; and
- The relationship between safety and security requirements.

Topics

The main part of the conference will be devoted to the following key topical issues which have been identified as subjects for the contributed papers.

Topical Session 1: Safety Infrastructure for Nuclear Programmes

Part 1: Challenges to Safety Infrastructure for Nuclear Programmes

- Legislation and legal instruments
- Regulatory infrastructure
- Nuclear safety infrastructure
- Stakeholders' involvement.

Part 2: New Entrants to the World Nuclear Community: How do we get there?

- Considerations before taking the decision to launch a nuclear power programme
- Assessment of infrastructure development status
- Milestones in the development of a national nuclear power programme
- Sharing nuclear infrastructure
- Managing the first nuclear power plant
- The role of research reactors: safety issues and trends.

Topical Session 2: Safety Management and Operational Experience Feedback: How to get better?

Part 1: Safety Management and Technical Aspect

- Building sustainable learning programmes: mutual learning
- Safety culture: overcoming the barriers
- Safety assessment and advances in technology programmes: learning more, getting better.

Part 2: Operational Experience Feedback

- Operational experience: a comprehensive system to improve safety
- Analysing operational experience
- Sharing and implementing the lessons learned from operational experience.