

KEY DEADLINES

- 15 January 2014** Submission of extended synopsis (*including Forms A and B*)
- 15 January 2014** Submission of grant applications (*Forms A and C*)
- 15 February 2014** Notification of acceptance of synopses

Participants whose official designations have been received by the IAEA will receive further information on the IEM approximately two months before the beginning of the meeting. This information will also be posted on the IEM web page.

PAPER SUBMISSION

Synopses must be submitted to: iem7@iaea.org

CONFERENCE WEB PAGE

Detailed information on administrative procedures, including participation, submission of papers, registration and grants, is provided on the conference web page: www.iaea.org/meetings

Please include reference number IAEA-CN-233 in all communications.

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International Experts Meeting on Severe Accident Management in the Light of the Accident at the Fukushima Daiichi Nuclear Power Plant



IAEA Action Plan on Nuclear Safety

IAEA Headquarters
17–20 March 2014
Vienna, Austria



CN 233
<http://www-pub.iaea.org/iaeameetings/2014>



BACKGROUND

Against the backdrop of the accident at the Fukushima Daiichi nuclear power plant in March 2011, an IAEA Action Plan on Nuclear Safety was approved in 2011. The Action Plan sets out a comprehensive programme of work, in 12 major areas, to strengthen nuclear safety worldwide.

Plans for on-site and off-site response to severe nuclear reactor accidents have existed since the beginning of the use of nuclear power, and these plans have evolved as the industry has learned lessons from nuclear accidents. For example, severe accident management is a concept that was developed to prepare operators to mitigate the impacts of core damage events at nuclear power plants. Severe accident management was first introduced in the 1990s with the creation of severe accident management guidelines (SAMGs) following recognition that post-Three Mile Island emergency operating procedures did not adequately address severe core damage conditions. Additionally, the off-site response to a rapidly evolving severe accident has evolved based on the realization that it must be prompt and optimized in terms of risk and it must consider factors such as the loss of off-site infrastructure due to a coincident extreme natural event.

This International Experts Meeting (IEM) is being organized based on the Action Plan item on Communication and Information Dissemination. The meeting programme is derived from two other Action Plan items, Safety Assessment and Emergency Preparedness and Response. These two items are being brought together because it has been shown that both these areas are essential to the successful management of severe nuclear reactor accidents.

PURPOSE AND OBJECTIVE

The objective of this IEM is to gather and share knowledge and experience gained in the light of the Fukushima Daiichi nuclear accident concerning severe accident management, and to identify lessons learned and best practices. This information can then be used to guide future actions for both Member States and the IAEA.

TOPICS TO BE COVERED

The IEM will focus on:

- Sharing improvements made to severe accident management programmes following the Fukushima Daiichi accident;
- Discussing the appropriate regulatory treatment of severe accident management;
- Discussing how to train and equip operators to effectively implement SAMGs;
- Identifying any knowledge gaps related to the implementation of SAMGs and how to fill these gaps;
- Discussing linkages between on-site and off-site response plans during a severe accident;
- Identifying potential priority areas for research and development.

These objectives will be discussed in the main session of the conference in the context of the various topic areas relevant to nuclear safety, and separate technical sessions will address aspects of these topics in more detail. Presentations will be given on each topic by internationally recognized experts.

TARGET AUDIENCE

The IEM is targeted primarily at international experts concerned with severe accident management, in particular experts from national regulatory bodies, operating organizations and technical support organizations. The IEM will pay particular attention to the strategies employed for both on-site and off-site response and how best to integrate these strategies.

REGISTRATION

No registration fee is charged.

LANGUAGE

The conference will be held in English.

