

IAEA CONTACT PERSONS

Scientific matters and paper submission

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Administrative matters, participation and grants

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REGISTRATION

There is no registration fee.

WORKING LANGUAGE

The conference will be held in English.

IMPORTANT DEADLINE

10 December 2009

REFERENCE TO BE USED IN ALL CORRESPONDENCE

CN-178

CONFERENCE WEB PAGE

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=38089>

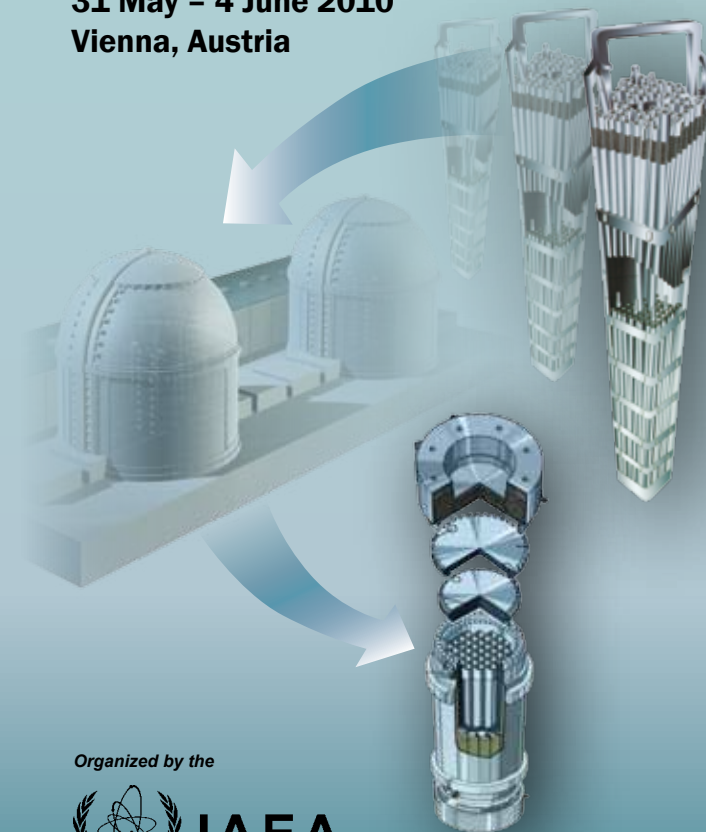


IAEA

International Atomic Energy Agency

International Conference on Management of Spent Fuel from Nuclear Power Reactors

31 May – 4 June 2010
Vienna, Austria



Organized by the



IAEA

International Atomic Energy Agency

In cooperation with the



OECD Nuclear Energy Agency (OECD/NEA)

OBJECTIVES

The objectives of the conference are to:

- Provide a forum to participants from national and international organizations dealing with strategies and processes of spent fuel management;
- Discuss recent technology advances in spent fuel storage and their contribution to safety improvements (i.e. burnup credit applications);
- Exchange information on state-of-the-art technology and the perspectives for long term storage (i.e. spent fuel ageing, integrity and long term data management);
- Exchange information on operating experience in storage facilities;
- Exchange views and strategies pertaining to the current global outlook for spent fuel management including reprocessing and disposal;
- Discuss the safety framework of spent fuel management;
- Provide an update of the status of national spent fuel disposal projects;
- Discuss international cooperation in regional and multilateral spent fuel management facilities;
- Discuss public perceptions and other stakeholder issues of spent fuel management activities.

AUDIENCE

The conference aims to bring together scientists, designers, operators and regulators from Member States to exchange information and views on the topics mentioned.

PROGRAMME STRUCTURE

The opening session will include welcoming addresses by representatives of the IAEA and the OECD/NEA, as well as keynote lectures by invited governmental representatives on strategic issues of spent fuel management.

A series of topical sessions will cover issues relating to national programmes in spent fuel management, regional trends, technology and safety/security aspects of wet and dry storage, licensing and regulation, quality assurance, design control, operating experience, R&D, and special aspects of spent fuel storage, including in-service inspection, heat removal, and other engineering considerations.

The chairpersons will summarize the sessions and the related poster sessions and will prepare recommendations for the concluding session.

The president of the conference will present the findings of the conference which should lead to the formulation of findings and recommendations for stakeholders in the area of nuclear energy application.

LIST OF TOPICS

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

- Strategic issues: Large and smaller programmes
- Regulatory framework
- Licensing, including extensions, and regulatory practices for SF storage facilities
- Safety issues within spent fuel transport
- Round table on stakeholder issues
- Technological innovations for storage
- Fuel and material behaviour in long term storage
- Operating experience in wet and dry storage
- Managing high burnup and MOX spent fuel
- Fast neutron reactors systems
- Fuel reprocessing status and challenges
- Managing the disposal of spent fuel
- Potential SFM interface issues
- Managing legacy and damaged spent fuel
- Forthcoming issues for newcomer states
- Future strategies

