

## Information on

- Participation
- Submission of papers
- Registration
- Grants

can be obtained from  
<http://www.iaea.org/worldatom/Meetings/2003>

## Registration

There is no registration fee.

## Language

The conference will be held in English.

## Contact persons

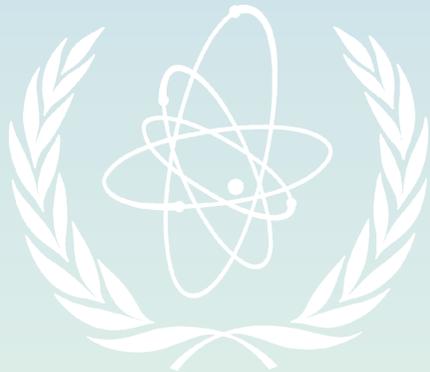
Scientific Matters and Paper Submission

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# International Conference on Storage of Spent Fuel from Power Reactors



Organized by the  
International Atomic Energy Agency (IAEA)



Held in co-operation with the  
OECD Nuclear Energy Agency (OECD/NEA)

**Vienna, Austria**  
**2-6 June 2003**

## Background

The management of spent nuclear fuel is a key aspect characterizing the use of nuclear power around the world. At the international level, there is an ongoing debate focused on this issue. At the national level, spent fuel management often provokes public concern.

Moreover, many countries are deferring a decision on spent fuel management. This has led to an increasing amount of spent fuel that needs to be stored, and for longer than expected storage periods.

Meetings on spent fuel storage have been organized by the IAEA about once every four years since 1987.

## Objectives

The objectives of the conference are to:

- Review recent advances in spent fuel storage technology;
- Exchange information on the state of the art of and prospects for spent fuel storage;
- Review and discuss the worldwide situation and the major factors influencing national policies in this field;
- Exchange information on operating experience;
- Identify the most important directions for future national efforts and international co-operation in this area.

## Audience

The conference aims to bring together scientists, designers, operators and regulators to exchange information, discuss issues, identify available information and exchange operating experience in spent fuel storage.

## Programme Structure

The **opening session** will include welcoming addresses by representatives of the IAEA and the OECD/NEA, as well as keynote lectures on the spent fuel storage situation worldwide.

A series of **topical sessions** will then cover the topics relating to spent fuel storage. The chairpersons will summarize the sessions and the related **poster sessions**.

At the **concluding session**, the topical session chairpersons will present their summaries, which should lead to the formulation of recommendations for the scientific community.

## Scope of the Topical Sessions

The following issues will be covered in the topical sessions:

- **National programmes:** status and trends of spent fuel storage in Member States, the national policies for the back end of the fuel cycle.
- **Technologies:** technological approaches for long term storage, new storage concepts, re-racking of fuel pools, spent fuel and material behaviour in long term storage.
- **Experience and licensing:** licensing practices, licence extension and re-licensing.
- **R&D and special aspects such as:** highly enriched fuel, high burnup fuel, MOX fuel, influence of advanced reactor operations, quality and maintenance of records.