



IAEA

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

Atoms For Peace

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In reply please refer to: A1.33.43

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2004-06-10

The Secretariat of the International Atomic Energy Agency presents its compliments to The Secretariat of the International Atomic Energy Agency (the Agency) presents its compliments and has the honour to attach a copy of the notification sent to the Member States of the Agency regarding the Scientific Forum that will take place on 21 and 22 September 2004 at the Austria Center, Vienna.

The Secretariat hereby invites your organization to be represented at this meeting and would appreciate it if the name(s) of the person(s) designated to attend would, in due course, also be communicated to the Secretariat.

The Secretariat of the Agency avails itself of this opportunity to renew the assurances of its highest consideration.

Enclosure

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2004-06-10

The Secretariat of the International Atomic Energy Agency (Agency) presents its compliments to the Ministries of Foreign Affairs of the Member States of the Agency and has the honour to request that they draw the attention of the appropriate governmental authorities to the Agency's intention to hold a Scientific Forum during the forty-eighth regular session of the General Conference on the theme of *Nuclear Fuel Cycle Issues and Challenges*. The Scientific Forum will take place on 21 and 22 September 2004 in Conference Room C of the Austria Center, parallel to the formal proceedings of the General Conference. There will be three sessions on the following topics: *Advanced Fuel Cycles and Reactor Concepts*, *Waste and Spent Fuel Management Issues*, and *Research Reactor Fuel Cycle and Related Issues*.

The *first* session is expected to cover key issues in fuel cycle options, achievements and prospects for advanced reactor design and fuel cycle, holistic consideration of fuel cycle systems for sustainable development as well as key issues requiring research and development programmes. The *second* session will examine spent nuclear fuel management, advances in reprocessing of spent fuel as well as in treatment of wastes from reprocessing of spent fuel. The *third* session will focus on research reactor fuel issues including replacement of HEU, research reactor utilization and spent fuel management.

Governments to which this note is addressed are invited to designate representatives for participation in the Forum. The Agency encourages Member States to include in their delegations representatives from organizations dealing with the issues mentioned above. The Secretariat would be grateful if the attached Tentative Programme and Participation Form could be brought to the attention of the authorities, institutions and persons that might be interested.

Governments are requested to inform the designated participants that, if they require visa to enter Austria, they should submit the necessary application to the nearest diplomatic or consular representative of Austria as soon as possible.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the Ministries of Foreign Affairs of the Member States of the Agency the assurances of its highest consideration.

Enclosure

SCIENTIFIC FORUM 2004
NUCLEAR FUEL CYCLE ISSUES AND CHALLENGES

TUESDAY, 21 SEPTEMBER 2004

10:00 – 13:00 hours

Opening Address: M. ElBaradei, Director General of the IAEA

Session 1: Advanced Fuel Cycles and Reactor Concepts

The keynote presentations will be followed by a panel discussion.

Keynote Topics:

- Key issues in fuel cycle options
- Achievements and prospects for advanced reactor design and fuel cycle
- Holistic consideration of fuel cycle systems for sustainable development
- Key issues requiring research and development programmes

13:00 – 15:00 hours Break

TUESDAY, 21 SEPTEMBER 2004

15:00 – 18:00 hours

Session 2: Waste and Spent Fuel Management Issues

The keynote presentations will be followed by a panel discussion.

Keynote Topics:

- Spent nuclear fuel management
- Advances in reprocessing of spent fuel: Partitioning
- Advances in treatment of wastes from reprocessing of spent fuel: transmutation, solidification

WEDNESDAY, 22 SEPTEMBER 2004

10:00 – 13:00 hours

Session 3: Research Reactor Fuel Cycle and Related Issues

The keynote presentations will be followed by a panel discussion.

Keynote Topics:

- Fuel issues: Replacement of HEU

- Research reactor utilization
- Spent fuel management and decommissioning

At this session the outcome of the Senior Regulators Meeting on Application of the Code of Conduct on the Safety of Research Reactors will also be presented.

For further information please contact:

International Atomic Energy Agency

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To register online and for further information please go to

<http://www-pub.iaea.org/MTCD/Meetings/Meetings.asp>



Scientific Forum
21-22 September 2004, Austria Center, Vienna
during the 48th Regular Session of the IAEA General Conference

Nuclear Fuel Cycle Issues and Challenges

A. PARTICIPATION FORM

To be sent to the International Atomic Energy Agency, Vienna International Centre, Wagramer Strasse 5, P.O. Box 100, A-1400 Vienna, Austria, [Telefax No. +43-1-26007], <http://www-pub.iaea.org/MTCD/Meetings/Meetings.asp>.

FAMILY NAME:	ALL INITIALS OF GIVEN NAMES:	MR./MS
INSTITUTION:	FULL ADDRESS:	
	FOR URGENT COMMUNICATIONS PLEASE INDICATE: TELEFAX NO.: TELEPHONE NO.: E-MAIL:	
NATIONALITY:	GOVERNMENT OR ORGANIZATION:	
MAILING ADDRESS (IF DIFFERENT FROM ADDRESS INDICATED ABOVE):		