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International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

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2015-01-27

Subject: Invitation to a Regional Workshop on Methodology for Development of Safety Assessment for Storages and Repositories, Krasnoyarsk, Russian Federation, 15-19 June 2015

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned workshop under the framework of TC Project RER/9/107 – Strengthening Radioactive Waste Management Capabilities. The purpose of the workshop and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the IAEA will cover the cost of return international travel from the home country to Krasnoyarsk, Russian Federation and provide Daily Subsistence Allowance (DSA) for the duration of the workshop in line with IAEA rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-workshops-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Mr Andrejs Salmins (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than 2 April 2015.

Yours sincerely,

Manase Peter Salema

Director

Division for Europe

Department of Technical Cooperation

Enclosure: Prospectus

International Atomic Energy Agency

Regional Workshop on Methodology for Development of Safety Case and Safety Assessment for Storages and Repositories

PROSPECTUS

- Project Number & Title:** RER9107 “Strengthening Radioactive Waste Management Capabilities”
- Place (City, Country):** Krasnoyarsk, Russian Federation
- Dates:** 15 – 19 June 2015
- Deadline for Nominations:** 2 April 2015
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with Government of Russian Federation through the Siberian Federal University, Krasnoyarsk
- Host Country Organizer:** Mr Sergey V. Verkhovets,
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Language:	The workshop will be held in English and Russian
Purpose:	The workshop objective is to discuss methodology for development of safety case and safety assessment for storages and repositories of radioactive waste.
Expected Output(s):	Improved knowledge on methodology for development of safety case and safety assessment for storages and repositories of radioactive waste. The expected outputs are from presentations which aim to share the experiences and best practices achieved.
Scope and Nature:	<p>This five-day workshop will include overview lectures outlining the experience on methodology for development of safety case and safety assessment for storages and repositories of radioactive waste. The workshop will also include national presentations of participating Member States and discussions focused on specific experiences and problems encountered. These will be all aligned to cover:</p> <ul style="list-style-type: none"> • Operational frameworks and safety principles and safety requirements for storage; • Content of the safety case and safety assessment for storage/disposal; • Maintenance and documents of the safety case and safety assessment; • Components of the safety case and interacting processes; • Assessment context and the description of the facilities and activities; • Development and justification of scenarios for storages and repositories. Postulated initiating events; • Formulation and implementation of assessment models. Performance of calculations and analysis of assessment results; • Evolution of the safety case and graded approach. Defence in depth and reliability; • Expected lifetime of facilities, storage and long term storage. • Objectives and attributes of the regulatory review process; <p>Participants will present their experience and problems encountered on developing and using the results of safety case and safety assessment for storages and repositories of radioactive waste.</p>
Background Information:	<p>Every country that uses nuclear technology involving radioactive materials, including mining and milling of radioactive ores generates some quantities of radioactive waste. Such waste needs to be processed through segregation, treatment, conditioning and packaging to be either stored or disposed. Storage and disposal of radioactive waste need to be dealt with in all MS's. There is continuous need to improve technology and human resources to enhance and strengthen the technical capacity, efficiency and safety of existing or for building new predisposal waste management facilities related to waste processing or storage. Countries with small amounts of radioactive waste usually do not have solutions for final disposal. Since predisposal management of radioactive waste needs to be aligned with the disposal solutions, timely determination of integrated national policy and strategy is essential for the safe and effective management of radioactive waste. There is a need to assist in</p>

defining efficient ways to improve existing waste management practices and to assist in the resolution of particular or common problems in MSs to address advanced approaches in radioactive waste management, such as integrated approach in planning and waste strategies implementation, waste minimization, recycling and reuse options, quality assurance and other requirements of predisposal waste management.

The main activities on this Project are group events to share experiences and on-job training for key staff to learn best practices. This project allows to strategically focus on training and other activities of groups of MS's at similar levels of programme development, thus optimizing resources, delivering more deep than generic messages and also enhancing connections between the MS's.

Participation: The workshop is open to all beneficiaries of the project. The maximum number of participants is 25. The target countries are: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Georgia, Greece, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Montenegro, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Tajikistan, The Former Yugoslav Republic of Macedonia, Turkey, Ukraine and Uzbekistan.

Participants' Qualifications: The participants should be specialists in radioactive waste management. The participants should prepare in advance overview presentations outlining national experience and issues related to development of safety case and safety assessment for storages and repositories of radioactive waste.

Nomination Procedure: Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Mr Andrejs Salmins (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than **2 April 2015**.

Administrative and Financial Arrangements: Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to **Krasnoyarsk, Russian Federation**, and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the workshop do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the workshop, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.