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International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

National Liaison Officer

Vienna International Centre, PO Box 100, 1400 Vienna, Austria

Phone: (+43 1) 2600 • Fax: (+43 1) 26007

Email: Official.Mail@iaea.org • Internet: <http://www.iaea.org>

In reply please refer to: RER9110-005

Dial directly to extension: (+431) 2600-22992

2015-03-06

Subject: Invitation to a Regional Train-the-Trainer Course on Regulatory Oversight of Licences' Human and Organizational Factors, Chisinau, Republic of Moldova, 22 to 26 June 2015

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned training course under the framework of TC Project RER/9/110 – Strengthening the Inspection Capabilities and Programmes of the Regulatory Authorities. The purpose of the training course and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the Agency will cover the cost of return international travel from the home country to Chisinau, Republic of Moldova and provide a stipend for the duration of the training course in line with Agency 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 Training Course available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/train-course/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Mr Andrei Chupov (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 27 April 2015.

Yours sincerely,

Manase Peter Salema

Director

Division for Europe

Department of Technical Cooperation

Enclosures: Prospectus

International Atomic Energy Agency

Regional Train-the-Trainer Course on Regulatory Oversight of Licensees' Human and Organizational Factors

PROSPECTUS

Project Number & Title:	RER/9/110 - Strengthening the Inspection Capabilities and Programmes of the Regulatory Authorities
Place (City, Country):	Chisinau, Republic of Moldova
Dates:	22-26 June 2015
Deadline for Nominations:	27 April 2015
Organizers:	The International Atomic Energy Agency (IAEA) in collaboration with the Government of the Republic of Moldova through the National Agency for Regulation of Nuclear and Radiological Activities (NARNRA).
Host Country Organizer:	Mr Artur BUZDUGAN National Agency for Regulation of Nuclear and Radiological Activities (NARNRA) A. Russo str., 1 Chisinau 2068 Republic of Moldova Tel: 00373 22311 140 Fax: 00373 68064777 E-mail: artur_buzdugan@yahoo.com
Language:	English
Purpose:	The purpose of this 'train the trainers' course is: to introduce the concept of human and organizational factors (HOF); to allow participants to develop knowledge on, and gain an understanding of, how to widen the more classical inspection approaches used in nuclear safety regulation from a rather technical viewpoint to cover other aspects related to integrated management systems and HOF, as well as to consider the interaction of these aspects in a systemic way; to promote the importance of having a professional and constructive liaison with the licensee, as indicated in the Safety Requirements publication Governmental, Legal and Regulatory Framework for Safety (IAEA Safety Standards Series No. GSR Part 1), especially for dealing with HOF in an effective manner; and to enable participants to become acquainted with the training materials so that they can implement courses on this topic in their respective countries.
Expected Output(s):	Participants will be expected to gain sufficient knowledge and understanding on how to prepare and implement inspection programmes for overseeing HOF and IMS, and to organize a similar training course at national level.

Scope and Nature: Throughout the training course, there will be presentations related to relevant IAEA publications as well as presentations delivered by experts to share their experience on inspection of HOF and IMS.

Exercises and discussions during breakout and plenary sessions will allow the participants to further understand and practice how to oversight HOF and IMS during inspections.

Through this 'Train-the-Trainer' training course, the necessary information and materials will be provided to the participants in order to facilitate the organization of training course on this topic in their own organization.

Background Information:

The implementation of TC project RER/9/110 is primarily aimed to assist participating countries that have nuclear power plants in reinforcing their inspection capabilities and practices.

The regulatory bodies have to oversee the operator's activities to ensure that the facility is operated safely. In the course of its routine activities, the regulators have to make judgements on the acceptability of safety level of the regulated facilities. A key challenge for regulators is to define a reliable approach that is systematic, comprehensive, based on well-defined acceptable criteria and guidelines and pragmatic in order to reach sound conclusions and make timely decisions in an efficient and effective manner.

Different countries have adopted different approaches to develop their inspection programmes and practices and the project is intended to facilitate the review the various practices and share the experiences to date. Taking into account new programmes and modern practices and the life extensions of many existing reactors, it is important to ensure that inspection activities focus on those areas which pose higher risk. Furthermore, the expansion of existing nuclear power programmes requires additional attention to HOF from the early construction stages. The project is also aimed to provide assistance in defining regulatory requirements, prepare guides and integrate the oversight of HOF programmes and IMS of the operator within the regulatory inspection programmes as necessary.

The design of the project envisages the participation of counterparts from those countries of the region that are currently operating nuclear power plants or executing the decommissioning of them. The participation in the project activities of candidates from countries embarking on a nuclear power programme will be considered on a need basis depending on the nature of the activities.

Safety is the result of a systemic interaction between individuals, organizations and technology has been highlighted in many instances and by several past severe accidents such as the Chernobyl accident in 1986, and the Fukushima Daiichi accident in 2011.

Consequently, a regulatory body should pay special attention to not only technical, but also managerial, and human and organizational issues. In conducting inspections and when communicating with licensees, a regulatory body shall consider all factors which may positively or adversely influence the safety-related performance of humans and organizations.

- Participation:** The training course is open to 30 participants.
- The target countries are: Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Belarus, Bulgaria, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Latvia, Lithuania, Malta, Poland, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Slovenia, The former Yugoslav Republic of Macedonia, Tajikistan, Turkey, Ukraine and Uzbekistan.
- However, priority will be given to candidates from countries that are currently operating or decommissioning nuclear power plants. Candidates from countries embarking in a nuclear power programme or operating non-power nuclear facilities will be considered on need basis.
- Participants' Qualifications:** The participants should be experienced staff members from the regulatory bodies or their technical support organizations who are directly involved in the planning, implementation or assessment of the inspections to nuclear power plants and, to a lesser extent, to no-power nuclear facilities. Candidates from nuclear power plants are also invited to participate as long as they have direct involvement in the implementation of inspections in their facilities.
- The training course will be conducted in English and candidates should have sufficient English proficiency to participate in the training course without difficulty.
- 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 Training Course available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/train-course/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Mr Andrei Chupov (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 **27 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 Chisinau, Republic of Moldova, and a stipend sufficient to cover the cost of their accommodation, food, and minor incidentals. Shipment of accumulated training course materials to the participants' home countries is not the responsibility of the IAEA.
- The organizers of the training course 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 training course, 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.