



*Atoms for Peace and Development*

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

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The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Workshop on Regulatory Inspection Programmes for Research Reactors for Arab Atomic Energy Agency (AAEA), Arab Network of Nuclear Regulators (ANNuR), Forum of Nuclear Regulatory Bodies in Africa (FNRBA)** to be held in Rabat, Morocco, from **12 to 16 November 2018**.

The purpose of the workshop is to provide practical information to enable the participating countries to enhance their capabilities for the regulatory inspections of research reactors. The workshop will also provide a forum for the participants to discuss their national practices and to exchange their experience related to the subjects covered, as well as to identify good practices and areas that need improvement with regard to regulatory inspection and enforcement programme.

The event will be held in English.

Member States are invited to designate one or more participants for this event. Member States are strongly encouraged to identify suitable women participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Such assistance may be offered upon specific request to normally one participant per country provided that, in the IAEA's view, the participant on whose behalf assistance is requested will make an important contribution to the event. The application for financial support should be made at the time of designating the participant.

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

Designations should be submitted through the established official channels not later than **10 October 2018** for the attention of the Scientific Secretary of the event, Ms Hayley Sears, Department of Nuclear Safety and Security, IAEA, Vienna International Centre, PO Box 100, 1400 Vienna, Austria (Tel.: +43 1 2600 22033; Fax: +43 1 26007; Email: [H.Sears@iaea.org](mailto:H.Sears@iaea.org)). Designations should also be

copied to the Administrative Secretary for the event, Ms Beatrice Predescu (Email: [I.B.Predescu@iaea.org](mailto:I.B.Predescu@iaea.org)). The full names and complete contact details (including postal address, telephone/fax numbers, and email address) of designated participants should be provided.

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to assure the IAEA's Member States of its highest consideration.



2018-09-25

Enclosures:            Participation Form (Form A)

                                 Prospectus



# Participation Form

## Workshop on Regulatory Inspection Programmes for Research Reactors for Arab Atomic Energy Agency (AAEA), Arab Network of Nuclear Regulators (ANNuR), Forum of Nuclear Regulatory Bodies in Africa (FNRBA)

**Rabat, Morocco**

**12–16 November 2018**

To be completed by the participant and sent to the competent official authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

Family name: (e.g. Smith)		First name(s): (e.g. John)		Mr/Ms
Institution:				
Full address:				
For urgent communications please indicate:		Tel.:		
		Fax:		
		Email:		
Nationality:		Designating Government or organization:		
Mailing address (if different from address indicated above):				
Do you intend to submit a paper?		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Would you prefer to present your paper as a poster?		Yes <input type="checkbox"/>	No <input type="checkbox"/>	
Title:				





**Arab Atomic Energy Agency (AAEA)  
Arab Network of Nuclear Regulators (ANNuR)  
Forum of Nuclear Regulatory Bodies in Africa (FNRBA)**

**Workshop on Regulatory Inspection Programmes  
for  
Research Reactors**

**Hosted by the  
Government of the Kingdom of Morocco**

**through the  
Moroccan Agency for Nuclear and Radiological Safety and Security  
AMSSNuR  
Rabat, Morocco**

**12–16 November 2018**

**Prospectus**

## **A. Introduction**

The Code of Conduct on the Safety of Research Reactors (the Code) and the IAEA safety standards require comprehensive and systematic regulatory oversight throughout all stages of the lifetime of a research reactor. The feedback from the IAEA's international meetings (2008 to 2018) and various regional meetings on the application of the Code have indicated that there is a need in many Member States to improve the capabilities of regulatory bodies for oversight of research reactor safety. The results of IAEA safety review missions have identified, in many cases, areas for improvements to the regulatory oversight of research reactors, specifically the need to establish and implement systematic inspection programmes.

In response, the IAEA conducted several workshops in 2014 and 2015 aimed at enhancing regulatory supervision of research reactors, with a focus on establishing inspection programmes. Additionally, the IAEA has been developing a training package on regulatory inspections of research reactors to provide a resource for regulatory bodies to use in the training of inspection staff. The development of this training package is an Arab Network of Nuclear Regulators project under the Global Nuclear Safety and Security Network. The training material is in the final stage of publication by the IAEA, and has been tried in several activities under the Arab Network of Nuclear Regulators (ANNuR), Forum of Nuclear Regulatory Bodies in Africa (FNRBA) and Asian Nuclear Safety Network (ANSN), including in Australia, Egypt, Ghana, Malaysia, and South Africa.

Within the framework of its programme for enhancing the safety of research reactors, and to build on the results of previous workshops, the IAEA is organizing this Workshop on Regulatory Inspection Programmes for Research Reactors from 12 to 16 November 2018 in Rabat, Morocco.

## **B. Objectives**

The objective of the workshop is to provide practical information to enable the participating countries to enhance their capabilities for the regulatory inspections of research reactors.

The workshop will also provide a forum for the participants to discuss their national practices and to exchange their experience related to the subjects covered, as well as to identify good practices and areas that need improvement with regard to their regulatory inspection and enforcement programme.

## **C. Target Audience**

Participation in the workshop is subject to designation by governmental or national organizations. To ensure maximum effectiveness in the exchange of information, participants should be managers and senior staff responsible for the regulatory inspection of research reactors from IAEA Member States within the ANNuR and FNRBA.

## D. Working Language

The working language of the workshop will be English. No interpretation will be provided.

## E. Structure

- A. This workshop will be based on the draft training material on the regulatory inspection of research reactors, which is in the final stage of publication by the IAEA. This material is intended to be shared with the regulatory bodies of Member States once completed.

The experience from the development of the regulatory inspection programme in the Moroccan Agency for Nuclear and Radiological Safety and Security (AMSSNuR) will be shared with the participants. This inspection programme was developed within the framework of the ANNuR based on the IAEA safety standards.

Presentations will be given by IAEA representatives, followed by discussions with participants, on the preparation and conduct of regulatory inspection, and on inspections of specific topical areas for research reactors that will be selected for practical exercises of simulated inspections.

- B. The participants will give presentations on their national experience and practice concerning regulatory inspection and enforcement programmes for research reactors.
- C. The workshop will include group work activities that will involve practical exercises of simulated inspections using the TRIGA MARK II research reactor at the Centre National de l'Energie des Sciences et Techniques Nucléaires (CNESTEN) in Morocco. The inspection exercises will be based on the training material provided during the workshop.

## F. Application Procedure

Prospective participants should first apply through the GNSSN website (<http://gnssn.iaea.org/sites/annur/>) or (<http://gnssn.iaea.org/sites/fnrba/>). If requested by the national authorities, the completed Nomination Forms should then be endorsed by these authorities and returned through the established official channels (e.g. Ministry of Foreign Affairs, National Atomic Energy Authority, or Office of the United Nations Development Programme). They must be received at the IAEA, Vienna International Centre, PO Box 100, 1400 Vienna, Austria, not later than **10 October 2018**. Nominations received after that date or applications which have not been routed through one of the aforementioned channels cannot be considered.

In case of technical problems with the online nomination system, nominations may also be sent to the Scientific Secretary of the event, Ms Hayley Sears, via email to: [H.Sears@iaea.org](mailto:H.Sears@iaea.org), via the IAEA's official email address ([Official.Mail@iaea.org](mailto:Official.Mail@iaea.org)), or via fax: +43 1 26007. The email should contain the following basic information about the candidate(s): name, age, gender, academic qualifications, present position (including exact nature of duties carried out), proficiency in English, and full working address (including telephone and fax numbers and email address) to enable the IAEA to carry out a preliminary evaluation of the candidate(s).

## **G. Arrangements**

Nominating governments will be informed in due course of the names of the selected candidates and will at that time be given full details on the procedures to be followed with regard to administrative and financial matters.

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.

## **H. Venue**

1. The workshop will be held at the Moroccan Agency for Nuclear and Radiological Safety and Security (AMSSNuR), Rabat, Morocco.

## **I. Organization**

### **IAEA Project Management Team:**

#### **Ms Hayley Sears**

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**IAEA Project Assistant:**

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**Local Organizer:**

**Mr Taib Marfak**

Moroccan Agency for Nuclear and Radiological Safety and Security  
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**ANNuR Contact Person:**

**Mr Daw Saad Mosbah**

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**FNRBA Contact Person:**

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Subsequent correspondence on scientific matters should be sent to the IAEA Project Management Officers and correspondence on other matters related to the workshop to the IAEA Project Assistant.

## **J. GNSSN Website**

Please visit the GNSSN website regularly for new information regarding this workshop:

<http://gnssn.iaea.org>