



Arab Network of Nuclear Regulators (ANNuR)
Asian Nuclear Safety Network (ANSN)
Forum of Nuclear Regulatory Bodies in Africa (FNRBA)
Korea Institute of Nuclear Safety (KINS)

Joint IAEA-KINS Regional Workshop on Radiation Safety and Emergency and Response

Hosted by the
Government of the Republic of Korea

through
Korea Institute of Nuclear Safety (KINS)

Daejeon, Korea
25 - 29 June 2018

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Prospectus

A. Introduction

Radiation safety is a crucial technical objective that must be achieved in the peaceful use of nuclear energy and emergency preparedness is the ultimate measure against any potential radiation hazard during the operation of nuclear facilities.

In support of the embarking countries of nuclear power programme, this international workshop is to share the practical knowledge and experience necessary to achieve the radiation safety of nuclear facilities and to prepare for any operational emergency that could result in any radiological hazard to the public and the environment.

The IAEA and KINS jointly implement this workshop as part of their annually planned activities in accordance with the cooperation mechanisms among the ANNuR, ANSN, FNRBA, IAEA and KINS. The mechanisms include the Practical Arrangement between KINS and the Department of Nuclear Safety and Security of the IAEA in 2008, including the ETTG (Topical Group on Education and Training) activities of ANSN, the MOU between KINS and ANNuR in 2010, and the MOU between KINS and FNRBA in 2010.

For this workshop, the IAEA and the International Nuclear Safety School (INSS) of KINS will deliver training programmes, texts and teaching tools based on their technical expertise in the area of radiation safety and emergency preparedness and response (EPR) for nuclear or radiological emergencies.

B. Objectives

Focusing on supporting the embarking countries of nuclear power programme, this workshop is intended to provide practical guidance on the above mentioned topics, necessary to Member States for improving their knowledge in order to achieve the radiation safety of nuclear facilities and to prepare for protecting the public and the environment in any potential nuclear or radiological emergency.

Towards global safety harmonization, the workshop will also be a benchmarking opportunity, providing 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 competence.

C. Target Audience

Participation in the workshop is subject to designation by governmental or national organizations.

For the effectiveness, candidates should be professional staff members of nuclear safety regulatory bodies or technical support organizations from the member countries of one of the three (3) regional

networks of ANNuR, ANSN or FNRBA, and have a science or engineering degree, preferably related to radiation protection and/or emergency preparedness and response.

As the workshop will be conducted in English, participants should have sufficient proficiency to follow lectures and express themselves in that language without difficulty.

The total number of participants will be limited to thirty (30) from the embarking countries of the three (3) networks.

D. Working Language

The working language of the workshop will be English.

E. Structure

Major activities of the workshop consist of lectures by the IAEA and KINS instructors, focusing on the contents related to radiation safety and EPR.

The lectures will focus on IAEA Safety Standards and practical guidance on EPR. In addition, the regulatory practices of Korea will be introduced for the purpose of sharing practical knowledge and experience.

For the EPR area, the lectures and contents will address the revision of IAEA Safety Requirements on EPR and the IAEA guidance on considerations in EPR for a State Embarking on a Nuclear Power Programme.

The contents include the following standards, but not limited to:

- IAEA Safety Standards Series No. SF-1, *Fundamental Safety Principles*;
- IAEA Safety Standards Series No. GSR Part 1, *Governmental, Legal and Regulatory Framework for Safety*, and supporting safety guides;
- IAEA Safety Standards Series No. GSR Part 3, *Radiation Protection and Safety of Radiation Source*, and supporting safety guides;
- IAEA Safety Standards Series No. GSR Part 7, *Preparedness and Response for a Nuclear or Radiological Emergency* (published 2015) and supporting safety guides

Examples of the topics to be addressed during the Workshop include the framework of radiation protection, the As Low As Reasonably Achievable (ALARA) principle, EPR infrastructure, emergency consideration in site selection, practice to develop EPR framework, and role of the IAEA in EPR, radiological emergency preparedness of Korea, environmental radiation monitoring.

Technical visit to the Korea's radiation facilities and KINS facilities may be added to the programme for better achievement of the workshop objective.

F. Application Procedure

Prospective participants from the Asian Nuclear Safety Network (ANSN) member countries should first apply through the ANSN website (<https://ansn.iaea.org>). Participants from the Arab Network of Nuclear Regulators (ANNuR) and the Forum of Nuclear Regulatory Bodies in Africa (FNRBA) should send their nomination forms to the IAEA Project Management Officer, Mr Woon Kap Cho, via email to: W.K.Cho@iaea.org.

If requested by their 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 30th April 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 be sent to the IAEA Project Management Officer, Mr Woon Kap Cho, via email to: W.K.Cho@iaea.org, copied to the IAEA's official email address (Official.Mail@iaea.org), or via fax to: +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 of the procedures to be followed with regard to administrative and financial matters.

The IAEA will provide participants with a travel allowance. The host organizer, KINS, will provide the participants with accommodation, food and minor incidental expenses.

The copying and shipping of accumulated workshop materials to the participants' home countries do not fall under the responsibility of the IAEA and the host organizer.

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 its related activities, 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

The workshop will take place in the International Nuclear Safety School (INSS) of Korea Institute of Nuclear Safety KINS), Daejeon, Republic of Korea.

I. Organizations

IAEA Project Management Officer:

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

J. GNSSN and ANSN Website

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

<https://gnssn.iaea.org/main/pages/default.aspx>

<https://ansn.iaea.org>



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