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

IAEA-KINS Workshop on Radiation Safety and Emergency Response in the Medical or Industrial Use of Radiation

Hosted by the
Government of the Republic of Korea

through the
Korea Institute of Nuclear Safety

Daejeon, Korea
10 - 14 June 2019

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Prospectus
A. Introduction

Radiation safety is a crucial technical objective that must be achieved in the use of radiation and controlled by national regulatory framework. Further, in accordance with the international standards, it is required to prepare for any potential hazard with a comprehensive emergency plan.

In support of the member countries of The Arab Network of Nuclear Regulators (ANNuR), Asian Nuclear Safety Network (ANSN) and Forum of Nuclear Regulatory Bodies in Africa (FNRBA), this workshop is being designed and implemented in cooperation with the INSS (International Nuclear Safety School) of KINS to share the practical knowledge and experience necessary to achieve the radiation safety and to establish emergency plan.

The cooperation mechanisms include the Practical Arrangement between KINS and the Department of Nuclear Safety and Security of the IAEA in 2008, the MOUs between KINS and the networks of ANNuR and FNRBA in 2010, and the agreements on the technical secretariat role of the IAEA for ANNuR and FNRBA in 2015.

B. Objectives

The workshop is intended to provide the participating member countries with practical knowledge and information necessary to achieve safety in the medical or industrial use of radiation, and to establish and implement emergency plans against the radiation hazards involved.

It is also aimed at 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 the regulatory control and management of radiation.

C. Target Audience

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

Participants should be members of nuclear safety regulatory bodies or technical support organizations from the member countries, responsible for the radiation safety and emergency response of the medical or industrial use of radiation, of the three regional networks of ANNuR, ANSN and FNRBA, and should hold a science or engineering degree, preferably related to radiation safety.

Participants could also be trainers who want to train staff in their respective organizations or safety-specialized professionals who would like to expand their knowledge.

Participants should have sufficient proficiency in English to participate in the workshop without difficulty.

The total number of participants will be limited to thirty (30).
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 content related to the control and management of radiation safety and emergency response, and some simulation trainings.

The basic knowledge will consist of the IAEA safety standards and Korean regulatory practices will be presented as practical knowledge and experience.

The major contents of the IAEA presentations come from the following standards, but not limited to:

- IAEA Safety Standards Series No. SF-1, *Fundamental Safety Principles*;
- 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* and supporting safety guides

Examples of the topics include regulatory framework on radiation safety, safety control in the medical or industrial use of radiation, radiological emergency response, and simulation trainings for licensing procedures, dose assessment and emergency response.

In addition, participants will make country presentations to share the status, any issues and future plans related to radiation safety and its related emergency cases in order to promote mutual benchmarking among the participants.

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 5 April, 2019.
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 at the INSS (International Nuclear Safety School) of KINS (Korea Institute of Nuclear Safety), Daejeon, Republic of Korea.

I. Organization

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://ansn.iaea.org

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