



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

## **Joint IAEA-KINS Regional Network Meeting on Basic Professional Training Course for Nuclear Safety**

**Hosted by the**  
Government of the Republic of Korea

**through the**  
Korea Institute of Nuclear Safety

**Daejeon, Korea**  
**15 -26 October 2018**

**Ref. No: EVT1802276**

# **Prospectus**

## **A. Introduction**

The IAEA's Basic Professional Training Course (BPTC) for Nuclear Safety is intended to provide a broad overview of all the safety concepts and their application to the design and operation of nuclear power plants and research reactors. Its nature and scope are primarily oriented towards junior professionals recently involved in nuclear safety-related activities. It is also appropriate for highly specialized professionals who lack a broader view of nuclear safety. The course provides an overview and basic training for future professionals involved in the development of regulatory bodies and technical and scientific support organizations (TSOs).

This regional network meeting on BPTC is being implemented in cooperation with the International Nuclear Safety School (INSS) of the Korea Institute of Nuclear Safety (KINS) in the Republic of Korea.

In accordance with the Practical Arrangement between KINS and the Department of Nuclear Safety and Security of the IAEA, concerning cooperation on nuclear safety matters, in 2008, each year the INSS hosts several experts' meetings, workshops and training courses within the framework of the Asian Nuclear Safety Network (ANSN). KINS also signed MOUs with Arab Network of Nuclear Regulators (ANNuR) and with Forum of Nuclear Regulatory Bodies in Africa (FNRBA) in 2010, which are the basis of providing workshops and training courses to the two networks.

Streamlining the efforts and strengthening the framework for global nuclear safety, KINS is moving towards topic-based technical events rather than the former region-based, which is open to all three (3) regional networks accommodating the needs of the member countries.

Considering the previous arrangements made with the networks, however, this meeting is to be widely open to the ANSN and ANNuR member countries as well as FNRBA member countries.

For the meeting, the INSS develops training programmes, texts and teaching tools based on the technical expertise of KINS staff in nuclear safety regulation and the INSS lecturers will mainly deliver the agenda topics to be developed later.

## **B. Objectives**

The meeting is intended to review and provide a broad overview of all the safety concepts and their application to nuclear power plants and research reactors. Its nature and scope are primarily oriented to junior professionals in nuclear safety-related activities, but also appropriate for the trainers who want to teach their staff and the specialized professionals who want to expand their view on nuclear safety.

## **C. Target Audience**

Candidates should be professional staff members of nuclear safety regulatory bodies or technical support organizations, and have a science or engineering degree, preferably related to nuclear energy.

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

The total number of participants will be limited to thirty (30), including a maximum of twenty (20) participants from ANNuR and FNRBA member countries.

## **D. Working Language**

The working language of the meeting will be English.

## **E. Structure**

In reference to the textbook of the BPTC and the IAEA Safety Standards, mainly, the meeting consists of lectures on safety concepts and their practical application necessary in achieving nuclear safety of all the activities relevant to the entire life cycle of nuclear facilities and their safety control and management.

Examples of the topics include nuclear reactor principles, radiation protection, basic principles of nuclear safety, quality assurance, safety analysis, nuclear safety culture, stakeholder involvement, etc. Some technical tours of nuclear facilities may be added to the agenda for better achievement of the meeting objectives.

In addition, participants to be selected as appropriately will make country presentations to share information on the status and any future plans regarding the nuclear safety regulations and the use of atomic energy in their countries.

Prior to joining the meeting, participants are expected to study the reference materials which can be obtained from the IAEA website.

## **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](mailto: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 31 July 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](mailto:W.K.Cho@iaea.org), copied to the IAEA's official email address ([Official.Mail@iaea.org](mailto: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 meeting materials to the participants' home countries do not fall under the responsibility of the IAEA and the host organizer.

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

## **I. Organization**

### **IAEA Project Management Officer and Technical Officer:**

#### **Mr Woon Kap Cho**

Networks Management and Partnership Section  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100

1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 23303  
Fax: +43 1 26007  
Email: [W.K.Cho@iaea.org](mailto:W.K.Cho@iaea.org)

**IAEA Project Assistant:**

**Ms Monica Garcia Montes**  
Networks Management and Partnership Section  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 22832  
Fax: +43 1 26007  
Email: [M.Garcia@iaea.org](mailto:M.Garcia@iaea.org)

**KINS Course Director:**

**Mr Jaewoong Chung**  
Korea Institute of Nuclear Safety  
62 Gwahak-ro, Yuseong  
DAEJEON (34142)  
REPUBLIC OF KOREA

Tel.: +82 42 868 0681  
Fax: +82 42 861 4046  
Email: [k536cjw@kins.re.kr](mailto:k536cjw@kins.re.kr)

**KINS Coordinator:**

**Mr Hantae Lee**  
Korea Institute of Nuclear Safety  
62 Gwahak-ro, Yuseong  
DAEJEON (34142)  
REPUBLIC OF KOREA

Tel.: +82 42 868 0678  
Fax: +82 42 861 4046  
Email: [k501htlee@kins.re.kr](mailto:k501htlee@kins.re.kr)

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

## **J. GNSSN and ANSN Website**

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

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

<https://ansn.iaea.org>



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