



A bi-weekly publication informative of current safety activities and developments taking place in the countries participating in the Extrabudgetary Programme (EBP) on the Safety of Nuclear Installations in South-East Asia, Pacific and Far East Countries

**Regional Workshop on Practical NPP Construction Experience**  
Beijing, China, 17-23 October 2012



*Group photo of the IAEA Technical Officer and experts during the meeting in Beijing, China*

The objective of this workshop was to provide the participants with fundamental knowledge as well as practical experience of project management during the construction phase of a nuclear power plant (NPP).

The workshop was arranged under the framework of the ANSN and hosted by the Chinese government through an agreement with the International Construction Training Centre (ICTC). It was the first activity organized in this Centre since its establishment in 2011.

The workshop was attended by the IAEA technical officer and participants from Bangladesh, Indonesia, Malaysia, Philippines, Thailand and Vietnam.

The workshop consisted of three sessions, which included a classroom course on October 17<sup>th</sup> to 19<sup>th</sup>, a field visit to a NPP site on October 20<sup>th</sup> to 22<sup>nd</sup>, and a closing session on October 23<sup>rd</sup>.

The workshop was opened by Mr. Dong Yuchuan, the Vice-Chairman of China Nuclear Engineering Cooperation (CNEC) and the Director of the ICTC, who welcomed the participants and highlighted the importance of safety and quality assurance during the construction phase of a nuclear power plant. He also briefed the participants on the history of the ICTC and pointed out that this Centre will provide

necessary training for countries embarking on nuclear power with the support of the IAEA. On behalf of the IAEA, Mr. Guo thanked China Nuclear Engineering Cooperation for hosting this first workshop since ICTC establishment and gave an overview of ANSN activities as well as briefly introduced the IAEA Safety Standards.

Developments in countries that are actively building infrastructure to introduce nuclear were presented by participants during the first session of the workshop. In the same session experts from the International Construction Training Centre delivered presentations covering the following topical areas:

- Nuclear Island of Civil Construction Projects Management.
- Projects Management of Nuclear Island Installation.
- Technical Management of Nuclear Island Installation.
- Quality Management of Nuclear Island Installation.
- Engineering Management of Nuclear Island Installation.

After the classroom session, a technical visit to the Ningde NPP site in Fujian Province was organized for the participants. Onsite, a brief introduction of the project and of construction management activities was given by the site manager. Participants were also invited to take a technical tour around units 1, 2, 3 and 4.

During the closing session, all the participants expressed their appreciation to both the IAEA and the ICTC for the organization of a valuable workshop where they received practical knowledge and experience about management activities during the construction phase of a nuclear power plant.

The meeting achieved its objectives and provided a forum for all the participants to exchange information as well as to present current status and future activities related to the development of nuclear power in their respective countries. The International Construction Training Centre successfully hosted the first workshop of this kind since its establishment allowing experts to share knowledge and practical experience of nuclear power plant construction management.



## Recent and forthcoming ANSN activities and other IAEA activities in Asia:

### **1st Plenary meeting VIC**

19 September 2012

### **Regional Workshop on Implementation of Capacity Building IT Modules Republic of Korea**

26-27 September 2012

### **Regional Workshop on Occupational Health and Psychological Test and Evaluation of NPPs Staff and Annual Meeting of OSTG**

China, 3-6 October 2012

### **Seminar on Policy on Human Resource Development for Safety Infrastructure**

Vienna, 11-12 October 2012

### **4<sup>th</sup> Annual Meeting ANSN Topical Group on Government and Regulatory Infrastructure**

Philippines, 18-19 October 2012

### **Regional Workshop on Practical NPP Construction Experience**

China, 17-23 October 2012

### **Regional Workshop Understanding and Implementation of the concept of Leadership and Management for Safety, Under Asian Nuclear Safety Network (ANSN)**

Republic of Korea, 5-7 November 2012

### **Regional Workshop on Communication and Consultation with Interested Parties**

Republic of Korea, 5-7 November 2012

### **Annual Meeting of Topical Group Communication**

Republic of Korea, 8-9 November 2012

### **Annual Meeting of the Leadership and Management for Safety Topical Group (LMSTG) for the Regulatory Bodies**

Republic of Korea, 8-9 November 2012

### **3rd ANSN SATG Web-based seminar (WEBINAR) on RELAP5 Exercise and Application to VVER**

21-23 November 2012

### **Regional Workshop on Capacity Building IT Modules**

Republic of Korea, 28-30 November 2012

### **Consultancy Meeting to finalize the Technical Guideline on Verification and Validation (V&V) of Safety Analysis Code**

Vienna, 19-21 December 2012

### **ANSN/SATG Web-based Seminar (WebinarII) on Heat Transfer Modelling for RELAP5 Basic Exercise**

Vienna, 20-22 December 2012

The knowledge gained through the implementation of the ANSN activities is being progressively uploaded in the Asian Nuclear Safety Network (ANSN) knowledge base and can be accessed at <http://www.ansn.org>

Information on ANSN can be obtained from Mr. M. Takahashi, [m.takahashi@iaea.org](mailto:m.takahashi@iaea.org)