



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

### **Workshop on Infrastructures needed for Off-site and On-site Emergency Preparedness and Response Activity, and on Medical Treatment**

Kuala Lumpur, Malaysia, 16-20 November 2009

This workshop was hosted by the Atomic Energy Licensing Board (AELB), the Malaysian regulatory body, and attended by 32 participants from eight ANSN member countries including 15 local participants. During the first two days of the workshop, an IAEA staff member and two experts from Australia and Japan made presentations on overall emergency preparedness and response, and medical aspects for radiation. The latter half of the workshop focused on the infrastructures needed for off-site and on-site emergency preparedness and response activities. In addition to the IAEA presentations, Australia and Japan presented their experiences on off-site and off-site infrastructure. Other Member States presented country reports on their infrastructure of radiation emergency for overexposed or contaminated victims.



Local participants from different fields, such as military, police and fire department and local hospitals, who usually had no opportunity to attend any IAEA workshops or training courses, were able to learn the relevant IAEA guidelines and medical response to radiation emergency. Through the country reports presented, the participants recognized a need of further training medical personnel responding to radiation

emergency in order for them to be able to handle such situation appropriately.

### **Workshop on Safety Assessment for Predisposal Radioactive Waste Management Facilities**

Bangkok, Thailand, 23-27 November 2009

The workshop, hosted by the Government of Thailand through the Thailand Institute of Nuclear Technology (TINT), was attended by approximately 20 scientific, technical and regulatory personnel from Australia, China, Indonesia, Japan, Malaysia, Philippines, Thailand and Vietnam who are involved in development and review of safety assessments, and an IAEA staff member and an expert from Germany. The purpose of the workshop was to provide an introduction to up-to-date approaches in assessing the safety of radioactive waste management facilities and activities, introducing to participants the methodology of DS284, Safety Case and Safety Assessment for Predisposal Facilities, and Safety Assessment Framework (SAFRAN) software tool, and to provide an opportunity to discuss and share experience in carrying out such assessments and in the use of outputs/results from them.

The workshop covered the development and use of the safety case and supporting safety assessment in demonstrating the safety of predisposal waste management facilities and activities. The workshop was introduced with a series of presentations on the concepts of predisposal radioactive waste management safety, IAEA activities related to development and implementation of guidance, application of the SAFRAN software tool, and the TINT Facility safety assessment. The focus of the workshop was on the implementation of a systematic methodology for structuring and developing safety assessment.





The participants expressed interest in the guidance (DS284) and practical application of the SAFRAN software tool as well as related international activities and projects. The TINT Facility test case was successful in illustrating and reinforcing the concepts of safety case and safety assessment. The SAFRAN software tool was seen as beneficial to countries in developing their own safety assessments.

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

#### **Workshop on Infrastructure needed for Off-site and On-site Emergency Preparedness and Response Activity, and Medical Treatment**

Kuala Lumpur, Malaysia, 16-20 November 2009

#### **Workshop on Safety Assessment for Predisposal Radioactive Waste Management Facilities**

Bangkok, Thailand, 23-27 November 2009

#### **Workshop on Public Communication Programme Establishment and Management of NPP projects**

China, 23-27 November 2009

#### **Workshop on Periodic Safety Review of Research Reactors**

Bangkok, Thailand, 30 November-4 December 2009

#### **Workshop on Experience in building up Competence in Nuclear Safety for Countries embarking on Nuclear Power**

Tokyo, Japan, 8-12 December 2009

#### **Workshop on Commissioning Preparation and Management and Annual Meeting of the Topical Group on Operational Safety (OSTG)**

China, 18-22 January 2010

#### **Task Group on Safety Analysis (SATG) Consultancy Meeting to develop IAEA Guidance on Verification and Validation of Computational Tools in Safety Analysis**

Vienna, IAEA, 18-22 January 2010

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>

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