

**Technical Meeting on “Guiding Principles for Applying Computer Security to Instrumentation and Control Systems at Nuclear Facilities”, 23 to 27 September, 2013 Mumbai, India**

The meeting was held at The Regenza by Tunga, a hotel at Navi Mumbai from September 23 – 27, 2013. The purpose of the meeting was to develop and review areas that should be addressed in the IAEA guidance on computer security for digital instrumentation and control systems at nuclear facilities to include the integration of safety and security considerations during the lifecycle of digital control systems.

Twenty delegates from various countries including India, Russia, USA, Germany, Armenia, Canada and Korea participated in the meeting. They represented R&D institutes (BARC, IGCAR, KAERI), Regulators (AERB & CNSC), Utility (NPCIL, Rosatom) and Vendors (Areva). Indian delegates comprised of the I&C developers from various power and research reactors and waste management facilities.



Mr. R.M. Suresh Babu, CnID, BARC - Indian coordinator of the meeting - welcomed the delegates on the opening day of the meeting. Mr. C.K. Pithawa, Director E&I Group, BARC delivered a talk on the I&C security issues and emphasised the urgent need to have an international guidance document on this topic. Speaking on the occasion, Dr. K.L. Ramakumar, Director Radiochemistry & Isotope Group, BARC and Chairman, Advisory Council, GCNEP, introduced the objectives and activities of GCNEP. Mr. Donald Dudenhoefter - IAEA coordinator - explained the meeting objectives. Mr. SAV Satya Murty, Director E&I Group, IGCAR outlined various security features and controls for I&C systems.

Talks from various delegates on their country-specific experience with activities related to and implementation of I&C security were followed by extensive discussions to finalise the structure and contents of the document. In due course of the weeklong meeting, 25 guiding principles and 145 detailed guidelines for security were discussed and finalized.



Control Instrumentation Division (CnID) of Bhabha Atomic Research Centre (BARC), Mumbai organized the meeting. The funding for the event was provided by the Global Centre of Nuclear Energy Partnership (GCNEP).