IAEA – BARC -GCNEP
Regional Training Course on Information and Computer Security Advanced Practices for Nuclear Security

Date: 10-14 November 2014

Place: Navi Mumbai, INDIA

I&C security and Information security is an important part of nuclear security. An effective computer security program needs to be developed, executed and updated so that cyber attack on our nuclear facilities can be avoided. This RTC helps participants to familiarise with the methodology for development of such a computer security programme.

Topics covered:
- Computer/Digital Asset identification
  - *The types of systems required to be protected from cyber threat Safety classification of Systems, Structures and Components (SSC). The use of a graded approach in the protection of systems Critical Systems (CS) and Computer Essential Assets (CEA), consequence analysis, risk management Computer security assessment team composition*
- Threat / Consequence Awareness Review
- Attack Vectors
- Cyber-Threat Assessment
  - *Discuss the elements of a threat assessment, discuss cyber threats within nuclear security.*
- Policy Development
- Information Security/Exercise
- Computer security plan Development
- Developing Cyber Regulation
  - *Discuss the Legislative and Regulatory Basis for Nuclear Security (NS)*
  - *Discuss the DBT as a regulatory tool for computer security*
- Computer Security Metrics
- Computer Security Assessment Programme
- Computer Security Incident Response Capability