Practices on Nuclear Security and International Cooperation

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Outline

• Introduction
• Chinese Efforts in Nuclear Security and International Cooperation
• Practices and Experiences
• Conclusion
Introduction

- Nuclear security is an important issue faced by every state.
- Lots of activities have been conducted by states and international community.
- China makes great effort in developing nuclear security.
- International cooperation is a very useful element in the development.
Chinese Efforts

• Legal Framework
  – Regulation, Rule, Guideline,
  – Rule on the Physical Protection of Nuclear Material and Nuclear Facilities is revised in 2008
  – New Guidelines are under development.
  – Workshops were conducted to make these new regulations more acceptable and feasible.
Chinese Efforts (Cont’d)

• Technical Training
  – More than 10 workshops per year
  – Cooperation with IAEA and member states.
Chinese Efforts (Cont’d)

• Technical Training
  – Security System Design
  – Design Basis Threat
  – Vulnerability Analysis
  – Vital Area Identification
  – Insider identification and mitigation
  – Nuclear security culture

Dr. Mohamed ElBaradei, IAEA DG and Mr. Sun Qin, Chairman of CAEA participated the unveiling ceremony of CAEA-IAEA Joint Training Center (5 December 2006)
Chinese Efforts (Cont’d)

• Training Applicants
  – Administrators
  – Site Managers
  – Facility operators
  – Security operators
  – Security System Analyzers
  – Security Personnel for Major Public Events
  – Customs Personnel
Chinese Efforts (Cont’d)

- Joint Projects
  - Security System Upgrades

BEFORE

AFTER

Chinese Efforts (Cont’d)

• Joint Projects
  – CAEA/IAEA Nuclear Security Cooperation and Support Arrangement
    • IAEA provided nuclear security consultation, advisory missions, training and assistance in response to nuclear security.
    • The IAEA and CAEA worked together to enhance nuclear security arrangements for the Beijing 2008 Olympic Games.
Practices and Experience

• Regulation Drafting

Chinese Government

CAEA

IAEA

Facility

Regulation

Regulation (Draft)
Practices and Experience (Cont’d)

• The Establishment of the Joint Training Center
  – Established in 2006
  – Based on the Safeguards Lab in CIAE
  – Instructors resources
  – Delivering trainings for other member states
Practices and Experience (Cont’d)

Scenario-Based Training on Radiation Emergency Response for Global Initiative to Combat Nuclear Terrorism in 2007

Practices and Experience (Cont’d)

- Diversity Training Approach
  - Different courses are delivered to different attendants

<table>
<thead>
<tr>
<th>Trainee</th>
<th>Training Plan</th>
<th>Training Method</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Level Manager</td>
<td>Awareness</td>
<td>Overview Lecture, Case Study</td>
<td>1-2 hrs</td>
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<tr>
<td>Public Security Official</td>
<td>Awareness, SBE</td>
<td>Special Report, Equipment Operation Procedures, Response Plan, SBE</td>
<td>3-5 days</td>
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<td>Awareness, TTE, SBE</td>
<td>Special Report, Equipment Operation Procedures, TTE &amp; SBE</td>
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Conclusion

- China is always against any forms of terrorism and makes great effort in developing nuclear security.
- International cooperation is helpful to improve China national nuclear security regime.
- China is willing to make continuous efforts to promote the development of nuclear security and international cooperation.
One World, One Dream

Thank You!