

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 states.
- 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



BEFORE



AFTER

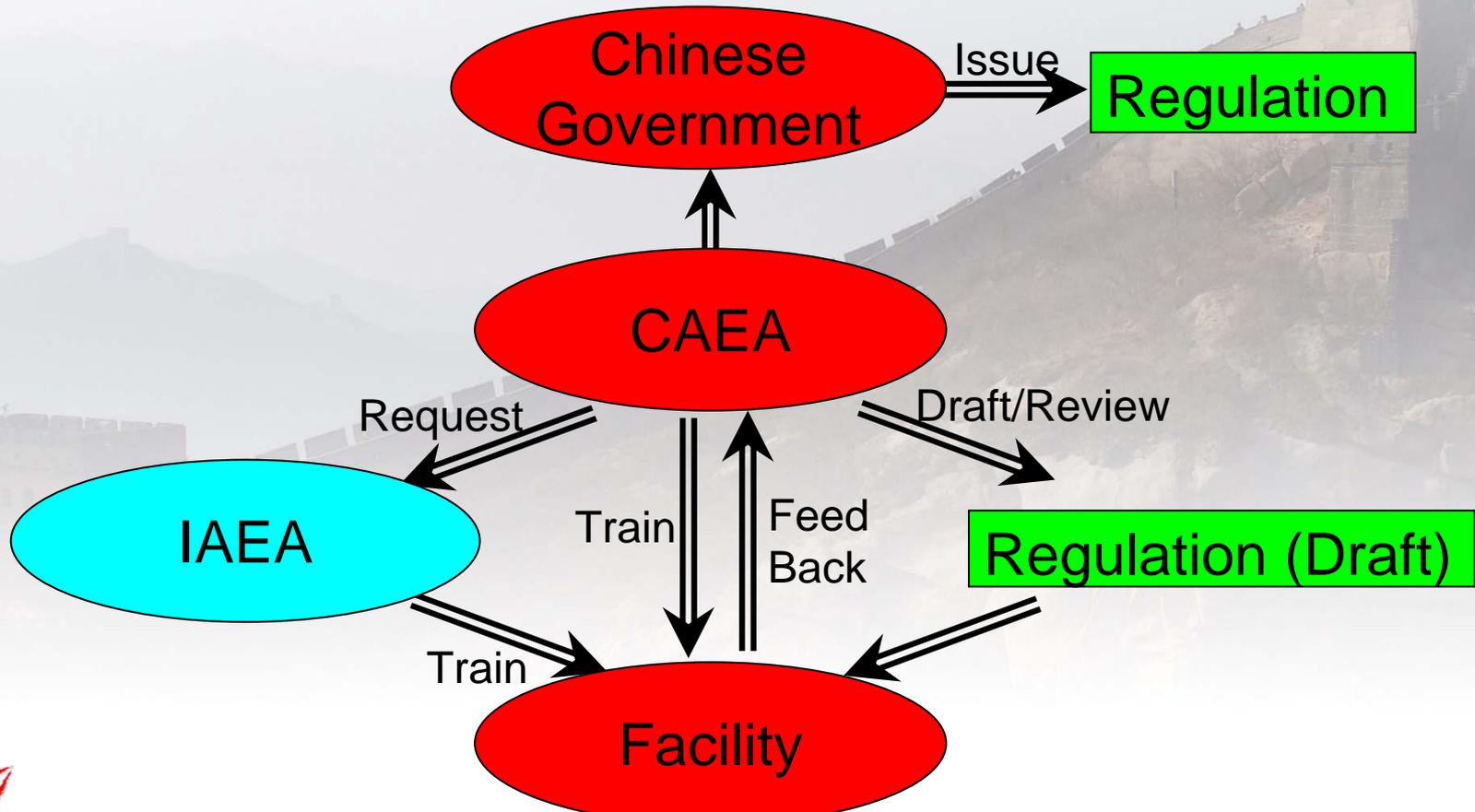
Chinese Efforts (Cont'd)

- 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



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



IAEA Training Course on Physical Protection of Nuclear Material and Facilities for Pakistan in Beijing in December 2008.



Practices and Experience (Cont'd)

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

Trainee	Training Plan	Training Method	Duration
High Level Manager	Awareness	Overview Lecture, Case Study	1-2 hrs
Public Security Official	Awareness, SBE	Special Report, Equipment Operation Procedures, Response Plan, SBE	3-5days
Customs	Awareness, TTE, SBE	Special Report, Equipment Operation Procedures, TTE & SBE	5days
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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

