



**International Atomic Energy Agency**  
**Security Guidance and Associated  
Assistance Programs**



**Office of Nuclear Security**  
**Department of Nuclear Safety and Security**

# Observed (Security) Gaps in Regulatory Infrastructure

- **Nuclear law.**
- **Existing regulations.**
- **Categorization scheme.**
- **Registry of sources.**
- **National threat definition.**
- **Security principles and risk.**
- **Enforcement authority.**
- **Coordination.**



# Nuclear Law

- **Does not clearly authorize source security regulation.**
  - ITE Mission (OLA)
  - Nuclear Security Legal Handbook, vol. I and II.
  - Model Legal Framework for the Use of Radiation Sources and for the Management of the Associated Radioactive Waste.

# Existing Regulations

- **Do not define or compel appropriate physical protection requirements.**
  - Review of Current Regulations and Comment on draft Regulations, upon request.
  - IAEA Model Regulations (pending).
  - Revised IAEA Guidance (NSS #11 vs. TecDoc 1355).



# Categorization Scheme

- **Does not exist or does not organize sources based upon potential risk.**
  - RS-G 1.9 (Categorization of Sources).
  - Code of Conduct.
  - Nuclear Security Series no. 11 “Security of Radioactive Sources”



# Registry of Sources

- **Incomplete and/or information management system is inadequate.**
  - RAIS (numerous other tools).
  - Verified Inventory Program (NSRW).



# National Threat Definition

- **Is not being used, if one exists.**
  - Design Basis Threat Workshop (NSNS).
  - National Threat Assessment.
  - Based upon analysis of Risk and Potential Consequence.



# Security Principles and Risk

- **Regulatory and operator staff unfamiliar with security principles and potential risk.**
  - Training Courses (NSNS)
  - Deterrence
  - Detection and Assessment
  - Delay
  - Response
  - Security Management





# Enforcement Authority and Coordination

- **National Law does not provide adequate enforcement authority to regulatory body or enforcement is too complicated.**
  - OLA
- **Coordination with other governmental bodies, such as Customs, Transport Ministry, Police, etc is necessary .**



# Requesting Assistance

The IAEA's Office of Nuclear Security has, through the Nuclear Security Fund, established a program to provide (upon formal written request to the Director) advice and support to assist the efforts of Member States to strengthen their nuclear (and radioactive material) security regimes.

For further information, please visit our website:

<http://www-ns.iaea.org/security/>

