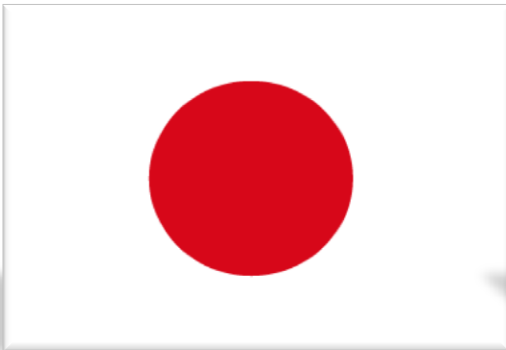


Sandia National Laboratories (SNL) Organizational Update

1 December 2011

Risa Mongiello
Sandia National Laboratories





Sandia National Laboratories (SNL) Nonproliferation Mission

- SNL is a national laboratory that serves the United States' security interests through excellence in science, technology, and engineering to achieve reductions in the proliferation of dangerous materials.
- SNL's Global Security programs reduce existing and emerging proliferation and terrorism threats to U.S. security by creating sustainable solutions through international cooperation. Global Security centers on:
 - Chemical/Biological/Radiological/Nuclear Threat Reduction
 - Global Security Engagement



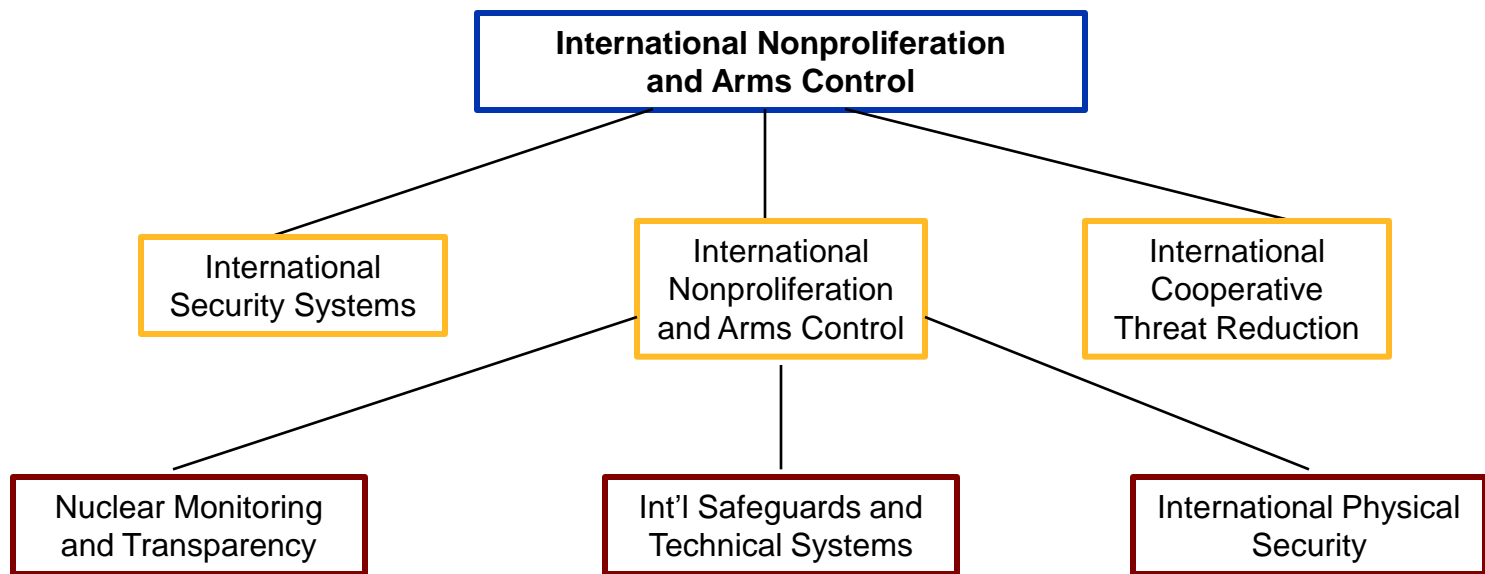
SNL Nonproliferation and Cooperative Threat Reduction Center

- Reorganization: October 2010
- Objective: Reducing proliferation and terrorism threats to U.S. national security through global technical engagement.
- Three Groups:
 - International Security Systems
 - International Cooperative Threat Reduction
 - International Nonproliferation and Arms Control
 - Safeguards



SNL International Nonproliferation and Arms Control Division

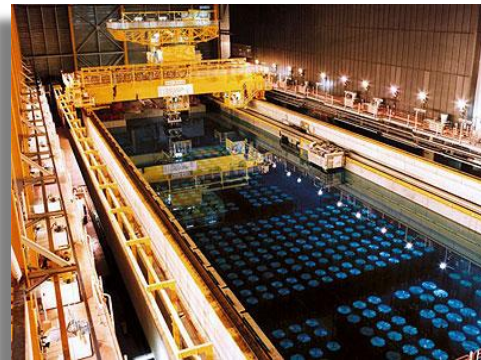
- Mission: Develop technologies and approaches for use in safeguards, monitoring, and security systems that provide transparency essential to arms control and nonproliferation



Int'l Safeguards and Technical Systems Dept.

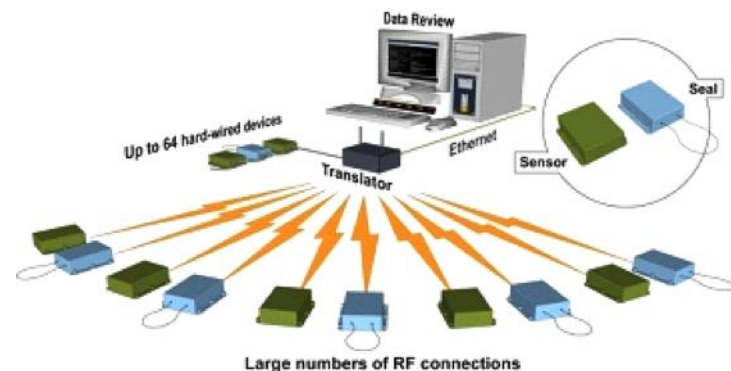
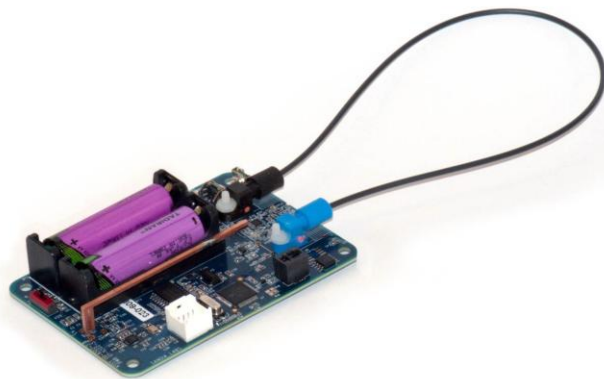
Mission: Identify, develop, evaluate and deploy technical solutions in support of Sandia National Laboratories Global Security mission. From border security to international safeguards, the department supports a variety of technical and international customers. Particular areas of expertise include:

- Information assurance and analysis
- Intrusion detection sensors, video, and communication technologies
- Containment/surveillance technologies
- Systems integration
- Assessment
- Training, and
- Development



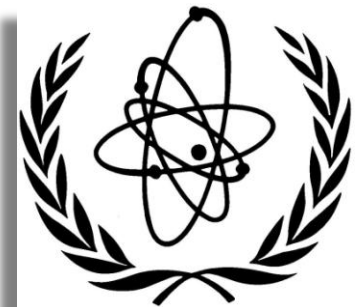
Nuclear Monitoring and Transparency Dept.

- Mission: Conduct technical product development and evaluation, technical policy analysis, field testing and cooperative programs (both domestic and international) to address significant problems in the areas of materials monitoring, treaty verification, arms control and cooperative science and technology development.



International Physical Security

- Mission: Provide leadership and support to the U.S. Department of Energy (DOE) and the International Atomic Energy Agency (IAEA) in international physical protection of nuclear materials in use, storage, and transport, against the threats and risks of theft and radiological sabotage.



SNL Support for International Nuclear Safeguards

- International Safeguards and Technical Systems Department provides support for DOE/NNSA's International Nuclear Safeguards and Engagement Program (INSEP).

- Projects include engagement with:

- Japan
- Republic of Korea
- Argentina
- Brazil
- Brazilian-Argentine Agency for Accounting and Control of Nuclear Materials (ABACC)
- European Atomic Energy Community (EURATOM)
- International Atomic Energy Agency (IAEA)





Questions?