

# International Nuclear Security

*Partnering for a Secure World*

The consequences of nuclear terrorism represent a grave threat to national and international security. To help address the risk of nuclear material theft or sabotage of nuclear facilities, the Office of International Nuclear Security (INS), under the U.S. Department of Energy's National Nuclear Security Administration (DOE/NNSA), works with partner countries and multilateral organizations to enhance nuclear security worldwide.

## Mitigating Threats to Nuclear Facilities

Maintaining an effective domestic nuclear security regime that responds to changing threats and risks is the responsibility of all States. INS partners with a range of nuclear stakeholders including international organizations, government agencies, competent authorities, operators, nuclear facility managers and staff, and guard force organizations to help build or improve nuclear security capabilities. Through these interactions, INS shares knowledge to improve capability and capacity to address the full spectrum of threats to nuclear security.

## Strengthening Global Nuclear Security Practices

INS has more than 20 years of experience working with international partners to enhance nuclear security and can draw upon the extensive technical capabilities of the U.S. DOE National Laboratories. INS provides the expertise, tools, and systematic approach necessary to improve and sustain effective nuclear security.

INS achieves this objective by:

- Providing technical support for the IAEA efforts to improve nuclear security worldwide through the development of guidelines and training, conduct of training activities, and International Physical Protection Advisory Service (IPPAS) missions
- Coordinating with partner organizations to develop and foster the adoption of effective nuclear security technical and performance standards and guidelines for material in use, storage, and transport

## Nuclear Security Engagement and Training

INS works with partner countries to implement nuclear security training and conduct best practice and technical exchanges. These activities facilitate engagement between technical professionals on topics including:

- Nuclear Security Principles
- Physical Protection



- Response Force Practices
- Nuclear Material Accounting and Control
- Fixed Site Security
- Transportation Security
- Cyber Security Impacts on Nuclear Security
- Nuclear Security Culture
- Mitigating the Insider Threat

Working with training centers and nuclear security support centers, INS fosters sustainable indigenous training programs through support for curriculum development and instructor training to help expand nuclear security training capacity internationally.

## Nuclear Security Enhancements and Infrastructure Support

INS works with international partners to support the design and implementation of nuclear security systems at all types of nuclear facilities. In addition, INS engages with partners to implement nuclear security infrastructure at training centers, and enhance programs related to nuclear security culture, regulatory development, and associated inspections.

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