

# Comprehensive Safeguards Agreement (CSA) Basics

(INFCIRC/153 (Corrected))

## STATE OBLIGATIONS

### Establish a State System of Accounting and Control

- Designate a State Authority with responsibility and authority to ensure safeguards obligations are met
- Normally entails establishing laws, regulations, and procedures (a national legal and regulatory framework) to include:
  - » A measurement system for determining quantities of nuclear material<sup>1</sup> received, produced, shipped, lost, or otherwise removed from inventories
  - » Procedures for physical inventory of nuclear material
  - » A record-keeping system at facilities, locations outside facilities (LOFs), and the State Authority, which tracks imports, exports, and inventories of nuclear material and changes thereto
  - » Procedures for carrying out safeguards tasks including reporting to the IAEA

<sup>1</sup> Nuclear material is any quantity and physical or chemical form (except ore and ore residues) of uranium, plutonium, and thorium.

### Facilitate Access for IAEA Inspectors

#### Reasons for access:

- **Ad hoc inspections:** Verify initial inventory and changes thereto; identify and verify quantity and composition of nuclear material prior to export
- **Routine inspections:** Verify consistency of reports with facility records; verify nuclear material; verify information related to inventory abnormalities
- **Special inspections:** Verify information in special reports and obtain access when prior information and explanations are

“not adequate” for the IAEA to fulfill its responsibilities

- **Design information verification:** Verify safeguards relevant design information from construction through routine operations, shutdown, and decommissioning

#### Possible locations:

- Declared nuclear facilities and LOFs

#### Advance notice:

- Varies: set schedule, short notice, or unannounced

### Cooperate with the IAEA

- Provide correct, complete, and timely submissions of information
- Respond to requests for amplification or clarification of information
- Facilitate timely IAEA access to facilities and LOFs
- Respond to inspector designations and other IAEA requests
- Issue visas for designated inspectors in a timely manner
- Grant privileges and immunities to IAEA staff
- Provide protection against third party liability for nuclear damage
- Conclude Subsidiary Arrangements and Facility Attachments and comply with their procedures

### Provide Information to the IAEA (official submission by the State Authority)

- Location, chemical composition, and amount of all nuclear material in all peaceful nuclear activities within the territory of the State or under its jurisdiction anywhere
- Transfers of nuclear material between material balance areas
- Advance notification of imports from and exports to non-nuclear weapon States of all safeguarded material exceeding one effective kilogram
- Design information on facilities and information on LOFs, including details about the purpose, capacity, location, material flow, and layout

## IAEA OBLIGATIONS

- Apply safeguards to all nuclear material
- Cooperate with the State
- Protect confidential State information
- Provide notice of approvals and withdrawals of IAEA inspectors
- Provide advance notification for all types of access, except for unannounced routine inspections
- Conduct independent measurements and observations
- Avoid hampering nuclear development or causing undue interference in nuclear activities
- Provide the State with the results and conclusions from inspection and verification activities
- Limit requests for information and data to minimum necessary

