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Safeguards

9

Role of IAEA safeguards

Credible assurance that countries are honouring their international obligations (under the NPT) not to divert nuclear material from peaceful use to a nuclear weapon (or other nuclear explosive device).

- > In safeguards planning scenarios, **the State** itself is the prime 'actor'.
- > A State's international safeguards obligations extend to facility operators.



In non-nuclear weapon states (NNWS) the IAEA needs to verify both

declared material and lack of undeclared material.

*uranium, plutonium, thorium







1240 non-destructive assay systems for the measurement of nuclear material



Maintained

1414 surveillance cameras at nuclear facilities





nuclear material in selected facilities to which safeguards had been applied remained in peaceful activities

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 new core/fuel designs, plant layouts, SF management, fuel cycle facilities, IAEA equipment



- Enhanced security and 'inherent' PR do not necessarily mean simpler safeguards
 - ➤ 'safeguardability': often overlooked external component of PR

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transnational supply arrangements



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- External engagements:
 - > Raising awareness with stakeholders through third-party interactions and collaborations

