



Domestic vs. International Nuclear Safeguards

The differences are so extreme, we must be suspicious when similar hardware, strategies, expertise, and personnel are used.

These differences are widely recognized in theory...but not in practice.

























parameter	mean	median
defeat time for 1 person	2.7 mins	1 min
cost of tools & supplies	\$144	\$5
margin cost of attack	42¢	9¢
time to devise successful attack	5 hrs	12 mins









Problem: Lack of Effective Security Features & Tamper Detection

- MC&A hardware
- intrusion detectors
- GPS tracking systems
- access control devices (including biometrics)
- radiological instruments
- video monitoring systems
- instrumentation enclosures

















