

CATEGORIZATION OF NUCLEAR MATERIAL

Material	Form	I	II	III
1. Plutonium ^a	Unirradiated ^b	2 kg or more	Less than 2 kg but more than 500 g	500 g or less ^c
2. Uranium-235	Unirradiated ^b	5 kg or more	Less than 5 kg but more than 1 kg	1 kg or less ^c
		—	10 kg or more	Less than 10 kg ^c
		—	—	10 kg or more
3. Uranium-233	Unirradiated ^b	2 kg or more	Less than 2 kg but more than 500 g	500 g or less ^c
4. Irradiated fuel		e	e	Depleted or natural uranium, thorium or low enriched fuel (less than 10% fissile content) ^e

^aAs identified in the Statute of the IAEA.

^bMaterial not irradiated in a reactor or material irradiated in a reactor but with a radiation level equal to or less than 100 rads/hour at one metre unshielded.

^cLess than a radiologically significant quantity should be exempted.

^dNatural uranium, depleted uranium and thorium and quantities of uranium enriched to less than 10% not falling in Category III should be protected in accordance with prudent management practice.

^eOther fuel which by virtue of its original fissile material content is classified as Category I or II before irradiation may be reduced one category level when the radiation level from the fuel exceeds 100 rads/hour at one metre unshielded.