

CATEGORIZATION OF NUCLEAR MATERIAL

Material	Form	Category		
		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)
	—uranium enriched to 20% ²³⁵ U or more	—	10 kg or more	Less than 10 kg ^(c)
	—uranium enriched above natural, but less than 10% ²³⁵ U ^(d)	—	—	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)

(a) As identified in the Statute of the IAEA.

(b) Material 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.

(c) Less than a radiologically significant quantity should be exempted.

(d) Natural 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.

(e) Other 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.