

Category	Subcategory	Material	Quantity	Location	Remarks
1. Reactor Core	Fuel Elements	Uranium Dioxide	100 kg	Reactor Core	Highly radioactive, requires shielding.
		Plutonium	5 kg	Reactor Core	Highly radioactive, requires shielding.
		Graphite Moderator	200 kg	Reactor Core	Lowly radioactive, requires shielding.
2. Fuel Cycle	Spent Fuel	Spent Fuel Elements	100 kg	Spent Fuel Pool	Highly radioactive, requires shielding.
		Uranium Hexafluoride	50 kg	Enrichment Plant	Highly radioactive, requires shielding.
3. Reactor Components	Structural Materials	Reactor Vessel	100 kg	Reactor Core	Highly radioactive, requires shielding.
		Control Rods	50 kg	Reactor Core	Highly radioactive, requires shielding.
4. Waste	Low Level Waste	Contaminated Tools	100 kg	Waste Storage	Lowly radioactive, requires shielding.
		Contaminated Clothing	50 kg	Waste Storage	Lowly radioactive, requires shielding.
5. Research	Isotopes	Cesium-137	100 kg	Research Facility	Highly radioactive, requires shielding.
		Strontium-90	50 kg	Research Facility	Highly radioactive, requires shielding.

TABLE I. CATEGORIZATION OF NUCLEAR MATERIALS.