



A 3D cutaway diagram of a nuclear reactor core assembly. The diagram shows a central reactor core (red cylinder) surrounded by a shield wall (blue curved surface). Above the shield wall is a layer of shielding (green panels) and a layer of electronics (blue blocks). The entire assembly is housed within a concrete structure (gray). Labels with white backgrounds and black text identify the components: 'Shielding', 'Electronics', 'Shield wall', and 'Reactor core'.

Shielding

Electronics

Shield
wall

Reactor
core