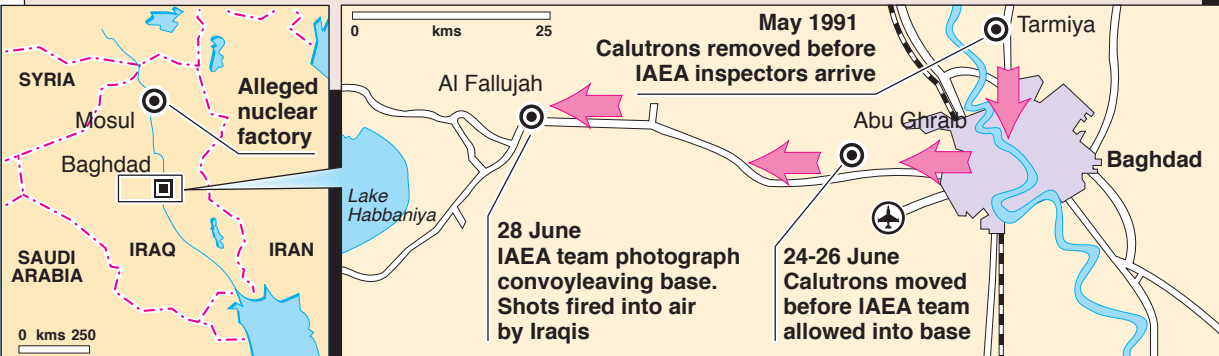


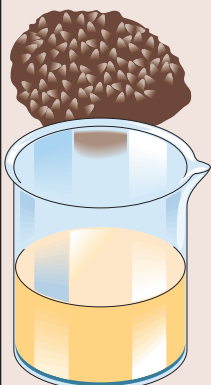
# Iraq hides nuclear secrets to U.N. inspectors

Iraq is suspected of building calutrons to enrich uranium for nuclear weapons. International Atomic Energy Agency (IAEA) officials are denied access to the equipment



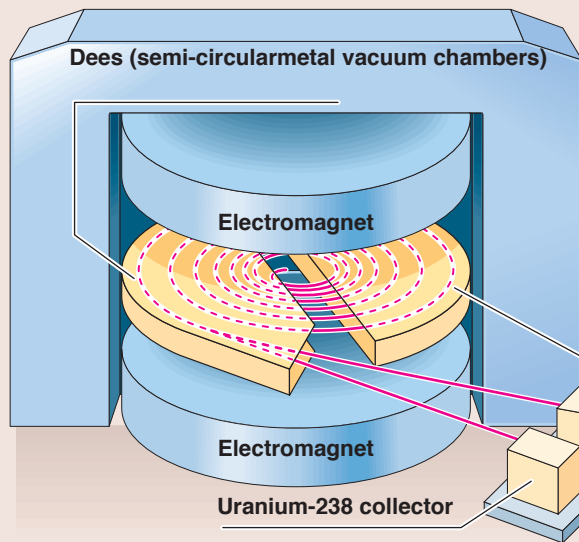
## How weapons-grade uranium-235 can be obtained using a calutron

Highly enriched uranium-235 is separated from heavier isotopes of uranium-238 using an electro-magnetic accelerator called a calutron



**Stage 1**  
Uranium dioxide is chemically extracted from naturally occurring pitch blend

**Stage 2**  
Uranium dioxide is covered to uranium tetrachloride



**Stage 3**  
Uranium tetrachloride is vaporized and injected into centre of calutron

**Stage 4**  
Pulses of electricity force beam of uranium molecules to spiral out from centre of dees. Heavier uranium-238 molecules spin out farthest like a stone being swung on a string

**Stage 5**  
Uranium-235 is collected and purified