

**11. Incorrect. The answer is true not false.** Spent fuel is about 95% U-238 but it also contains about 1% U-235 that has not fissioned, about 1% plutonium and 3% fission products, which are highly radioactive. In a reprocessing facility the spent fuel is separated into its three components: uranium, plutonium, and waste containing fission products. Reprocessing enables recycling of the uranium and plutonium into fresh fuel, and produces a significantly reduced amount of waste (compared with treating all spent fuel as waste).