

Fill in the following chart on nuclear fusion and fission

	Fusion	Fission
What is it (definition)?	Combining atoms	Splitting atoms
What type of atoms?	Light atoms ex: (hydrogen)	Heavy atoms ex: (uranium)
Where does it occur naturally?	in the sun - needs high heat & pressure	all radioactive decay
Uses by humans?	none	- atomic bombs - nuclear reactors (power plants)
What waste is produced?	clean non-radioactive helium	radioactive waste that must be buried.