

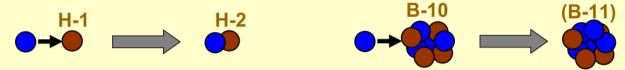
"Schicksal" der Neutr onen im Kernreaktor



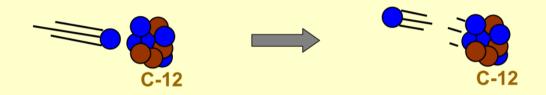
Leckage: Neutronen "fliehen" aus Reaktor



Absorption: Neutronen werden von Kernen "geschluckt"

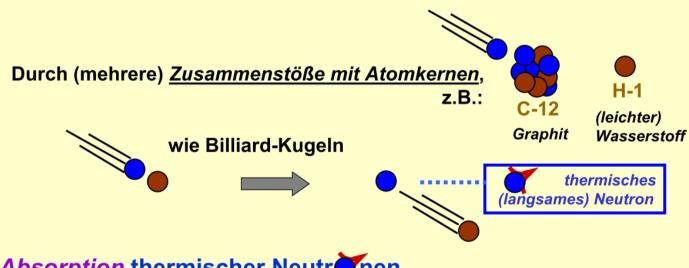


Moderation: schnelle Neutronen werden "gebremst"









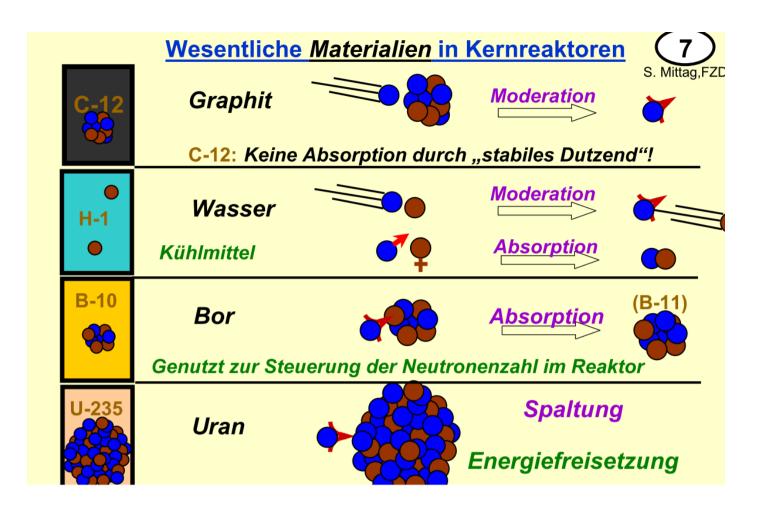
Absorption thermischer Neutronen

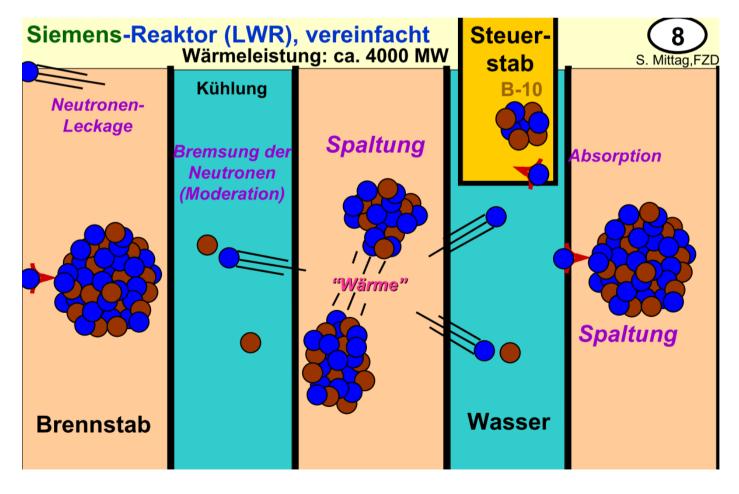


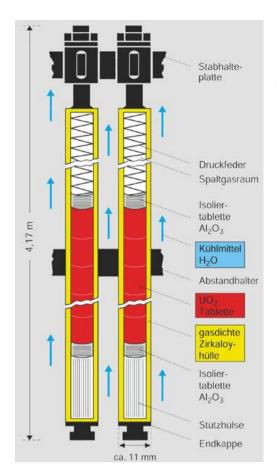


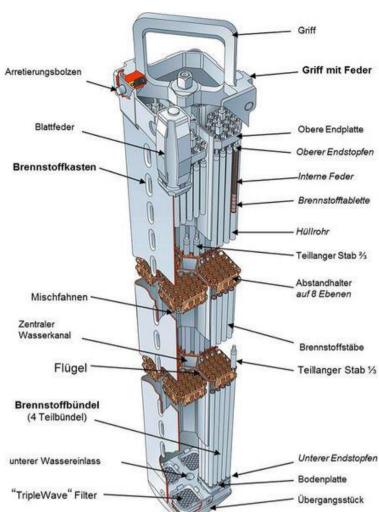


schwerer Wasserstoff

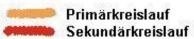


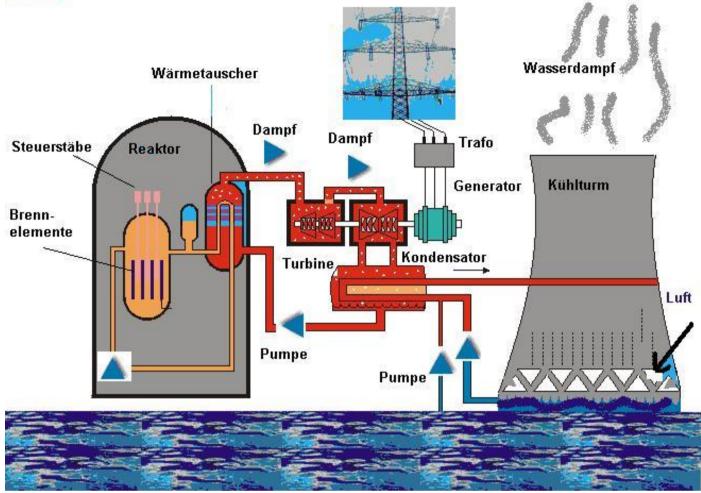


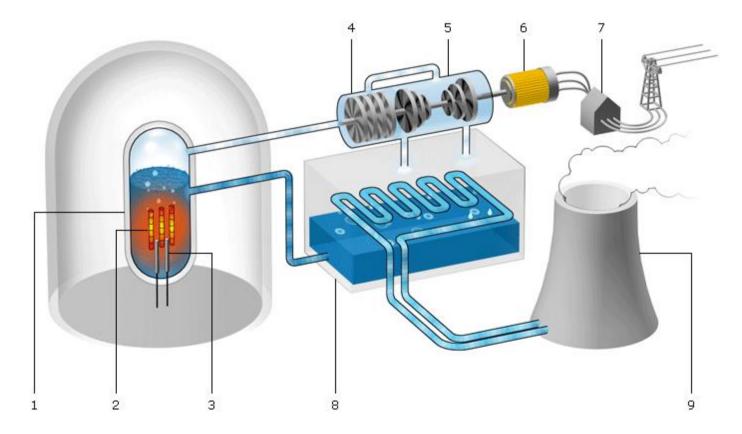


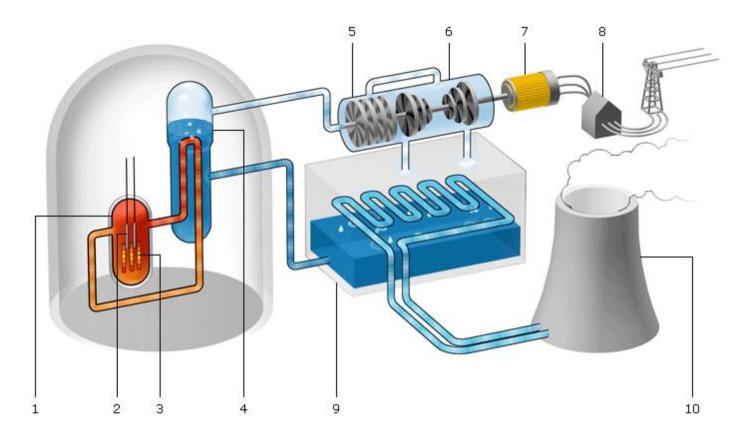












Druckwasserreaktor

Reaktortypen

Тур	Moderator	Kühlmittel	Druckwasser	Siedewasser	Brennstoff	Vorteil
Schwerwasserreaktor	Deuterium	Wasser	möglich	möglich	Natururan	Natururan
Leichtwasserreaktor	normales Wasser	Wasser	möglich	möglich	angereichertes Uran	normales Wasser
Siedewasser- Druckröhrenreaktor	Grafit	Wasser		nötig	angereichertes Uran	Einfach, kein Druckbehälter, nur Röhren, Wasser ohne Kontakt mit Brennelementen