Scope of Materials Problems for Nuclear Energy

University of Wisconsin

Fission	**Fusion**
Fuel	*First Wall*
Cladding	*Blanket Struc.*
Core Struc.	*Breeder*
Contol Rods	*Reflector*
Reflector	*Shield*
Pressure Vessel	*Direct Conv.*
	Electrical Insul.
	S/C Magnets
	Lasers
	Optics
	Accelerators
	RF or Particle Beams

Piping ---------->
Pumps---------->
Heat Exchangers---------->
Turbines---------->
Generators---------->
Transmission---------->