

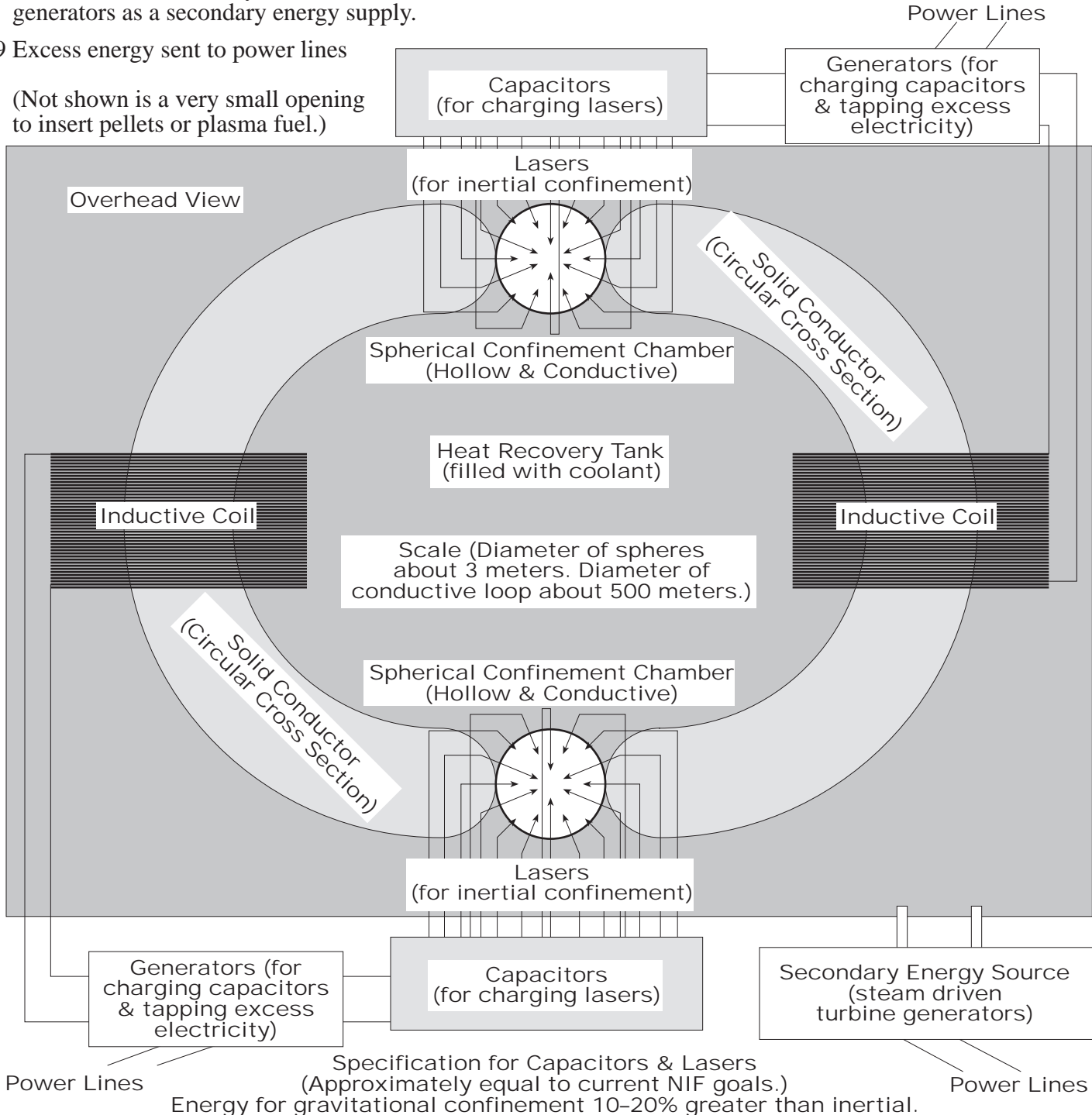
**Patent concept for a Nuclear Fusion  
Inertial/Gravitational Confinement Reactor**

Key patent device is a spherical, conducting confinement reactor that provides: supplemental confinement by using massive electromagnetically induced gravitational forces; and the fusion explosion induces in the spherical reactor electromagnetic opposite fields that can be tapped directly by electromagnetic induction to draw off excess energy.

**Process**

- 1 Generators charge capacitors.
- 2 40% of energy to Lasers—inertially implode target.
- 3 60% of energy to Coils—gravitationally implode target.  
(Lengthens fusion burn by confining with added force)
- 4 Explosion of plasma induces opposite fields in confinement reactor's wall—propagates thru loop
- 5 Electromagnetic fields tapped by inductive coils
- 6 Coils power generators and recharge capacitors
- 7 Excess energy sent to power lines
- 8 Coolant in heat recovery tank drives steam turbine generators as a secondary energy supply.
- 9 Excess energy sent to power lines

(Not shown is a very small opening to insert pellets or plasma fuel.)



Overhead View

Capacitors  
(for charging lasers)

Generators (for  
charging capacitors  
& tapping excess  
electricity)

Lasers  
(for inertial confinement)

Spherical Confinement Chamber  
(Hollow & Conductive)

Solid Conductor  
(Circular Cross Section)

Heat Recovery Tank  
(filled with coolant)

Inductive Coil

Inductive Coil

Scale (Diameter of spheres  
about 3 meters. Diameter of  
conductive loop about 500 meters.)

Spherical Confinement Chamber  
(Hollow & Conductive)

Solid Conductor  
(Circular Cross Section)

Lasers  
(for inertial confinement)

Generators (for  
charging capacitors  
& tapping excess  
electricity)

Capacitors  
(for charging lasers)

Secondary Energy Source  
(steam driven  
turbine generators)

Power Lines

Specification for Capacitors & Lasers  
(Approximately equal to current NIF goals.)  
Energy for gravitational confinement 10-20% greater than inertial.

Power Lines