Containment structure

- Pressurized water (primary loop)
- Water and steam (secondary loop)
- Water (cooling loop)

Liquid
Vapor

Pump

Steam generator (heat change)

Turbine
Alternator

Cooling tower

Water vapor

Pump

Reactor vessel

Control rods

Reactor core

Water coolant (280 °C)

Water coolant (330 °C)

Pressurizer

Condenser

Cooling water

Water vapor

Containment structure

Pressurized water (primary loop)

Water and steam (secondary loop)

Water (cooling loop)