

Fuel Salt Circulating Pump (FSCP) for IMSBR

- ❖ The FSCP has been designed to operate at 665 °C in radioactive molten fluoride salt environment.
- ❖ It is a vertical shaft, single stage, sump type pump.
- ❖ The motor and the upper mechanical bearing located above the biological shield to allow for easy maintenance and repair.
- ❖ Hydrostatic bearing and non-contact mechanical seal at lower end of the shaft.
- ❖ Major material of construction Ni-Mo-Cr-Ti alloy.

