Steady and stable power generation beyond several 100 MW

- **Primary heat transfer system**
  - PWR: 15.5MPa, 290～325℃
  - Electric output: 254 MWe

- **Turbine system**
  - Thermal efficiency: 34.4%
  - Tritium release: 318 Ci/y/loop

It is less than the restricted amount of T disposal for PWR in JA.

Overall tritium breeding to fulfil self-sufficiency of fuels
Breeding blanket was developed to meet the target overall TBR (> 1.05) in the condition of the pressure tightness against in-box LOCA.