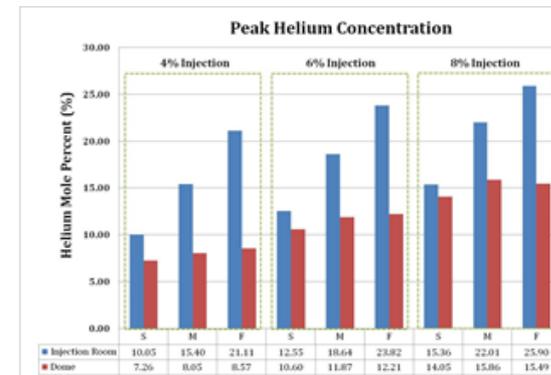
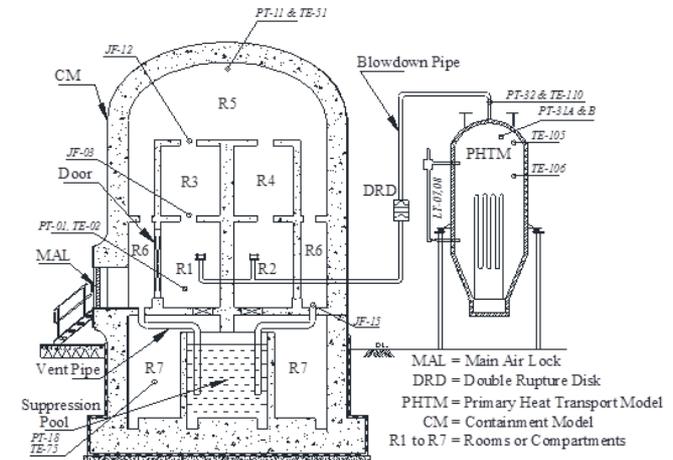


Experimental and Numerical studies for Containment Thermal Hydraulics and helium distribution in Containment Studies Facility (CSF)

- Containment studies facility is a 1:250 scale model of standard 220 MWe reactor containment.
- It has used extensively for containment thermal hydraulic studies during loss of coolant accident.
- The transient pressure and temperature data post blow down have been evaluated experimentally and used for code validation.
- A large number of helium distribution experiments in multi-compartment CSF have also been carried out to evaluate the strength of stratification and data has been used for validation of CFD codes available to RSD.



Helium Distribution Experiments in CSF