

Steel Containment Test Facility

A steel containment test facility with 1:25 linear scale down is commissioned with an aim to study the leak-tightness of containment and long term passive cooling under blackout condition for future nuclear reactors. It is designed for internal pressure 1.85kg/cm^2 and temperature 150°C . The geometrical details of the containment are dia - 2m, height - 2m (steel containment), dia - 2.5m and height - 2.8m (external shield). Various tests completed at different accidental temperatures for different combinations of flow rate of water and air + water.



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