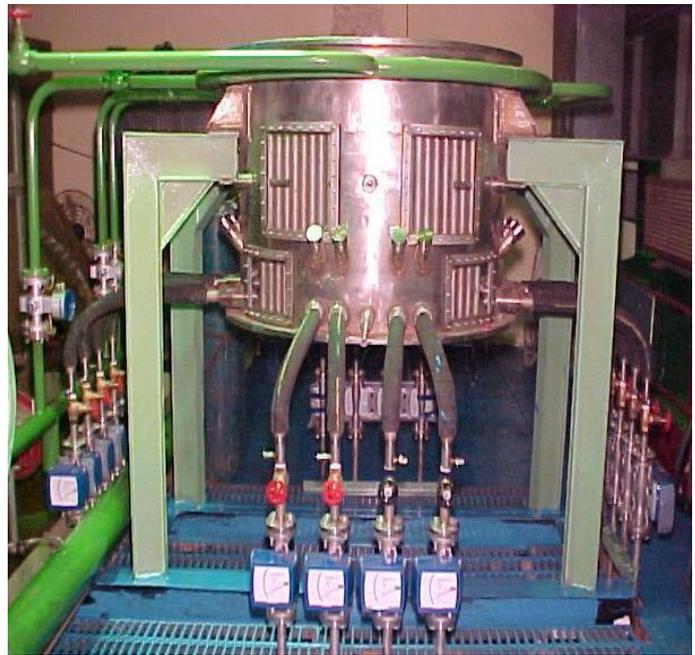


Advanced Heavy Water Reactor (AHWR)

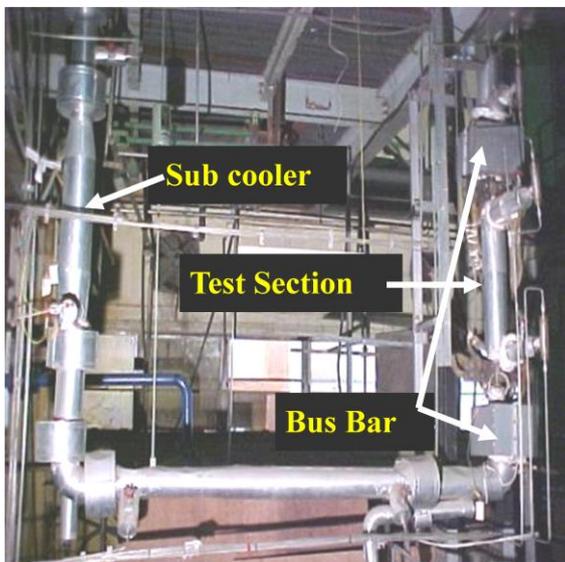
Photograph of some of the experimental facilities are shown below. Extensive experiments have been performed in these test facilities.



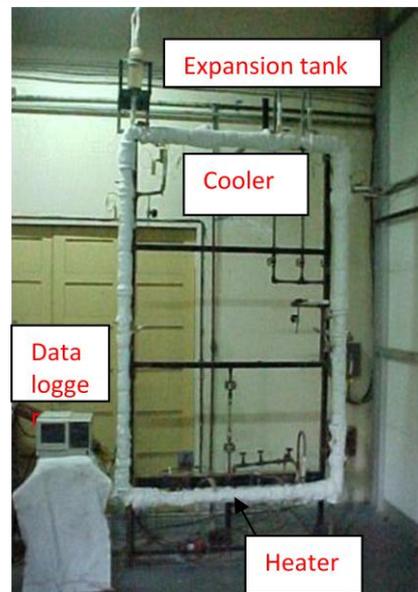
3 MW Boiling Water Loop



Moderator Flow and Liquid Poison Injection Experimental facility



High Pressure Natural Circulation Loop



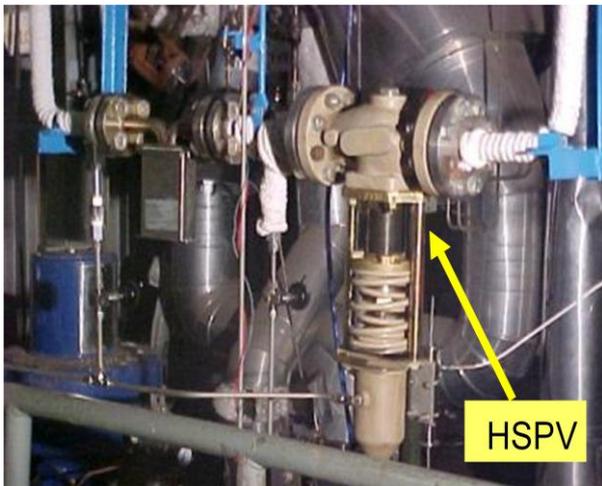
Instability Demonstration Facility



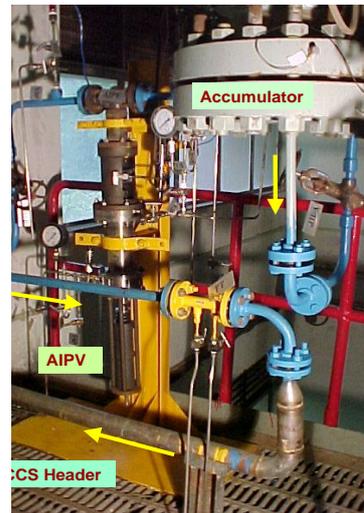
Test Facility for Passive Containment Cooling system



Test Facility for Passive Containment Isolation system



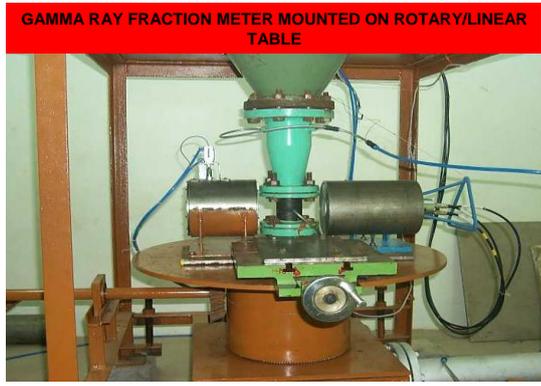
Testing of Hot Shut down Passive Valve



Testing of Passive Valve for injection of water from Emergency Core Cooling system



Electrically heated 54 Fuel Rod Simulator used for Thermal Hydraulic Experiments



Two-phase Flow Meter