

Seismic Qualification for Safety Related Systems of AHWR, CHTR, Dhruva, MACE -Hanle , KAPP-3&4 and Seismic Margin Assessment by Shake Table Testing

- Seismic qualification of new facility and Re-qualification of old facility for all safety related system, Piping, Mechanical components are carried out for design loads such as dead weight, thermal load, seismic, flow induced vibration (FIV) and wind loads.
- Shake table testing is also performed for Seismic Margin Assessment. Seismic response reduction device are developed for retrofitting of old facility.



Buckling Restrained Bracing (BRB)



Shape Memory Alloy (SMA) Damper



Shake Table Testing of Steel Frame with BRB