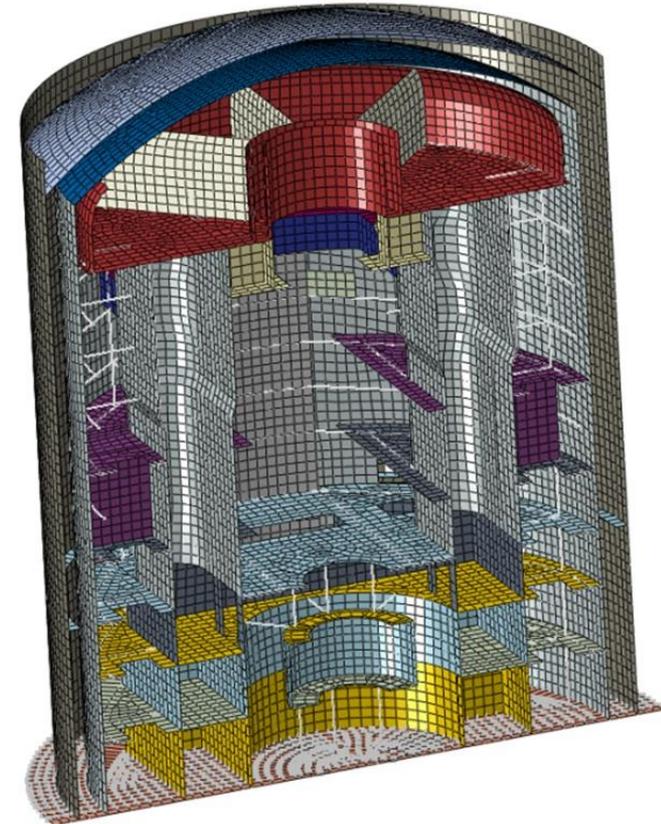


# Design of AHWR buildings and Generation of Floor Response Spectra

- Design basis reports of seven buildings of AHWR viz. Reactor Building, Fuel Building, Control Building, Service Building, Station Auxiliary Building, Backup Control Building and Diesel Generator Building considering all the design loads are prepared.
- FE models are generated and static along with seismic analysis is carried out.
- Floor Response Spectra are being generated on each floor of all the seven buildings by performing Time history analysis.



**Finite Element Model of AHWR Reactor Building**