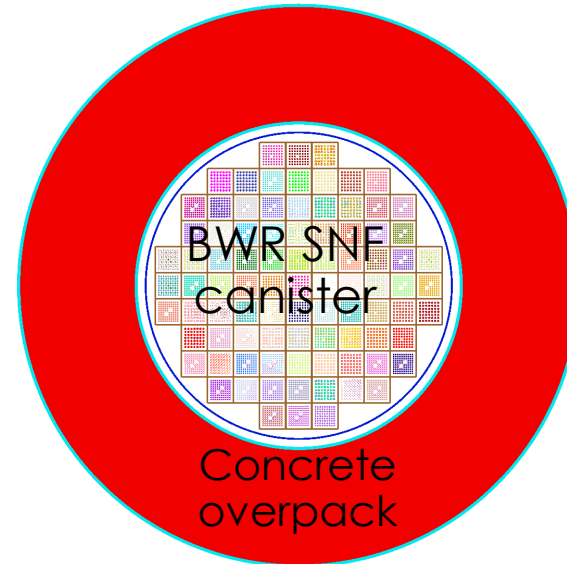


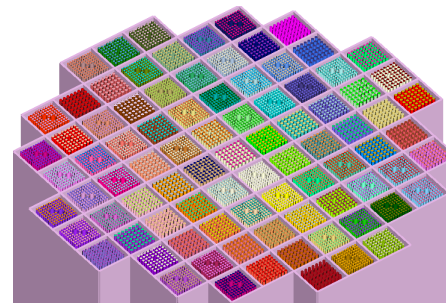
# Generic BWR SNF Storage Cask Model

- Model enabling calculation of external storage cask dose rates as a function of canister SNF loading
- Concrete radial thickness ~ 70 cm
- 89 BWR fuel assemblies
- Pin-by-pin fuel assembly model
- Axial burnup profile on 10 axial fuel zones
- Cylindrical dose rate tally mesh
- Maximum dose rate values within tally regions at cask surface and at one meter from the surface

Horizontal cross-sectional view of the cask model



Fuel basket model



3D dose rate map (mrem/h)

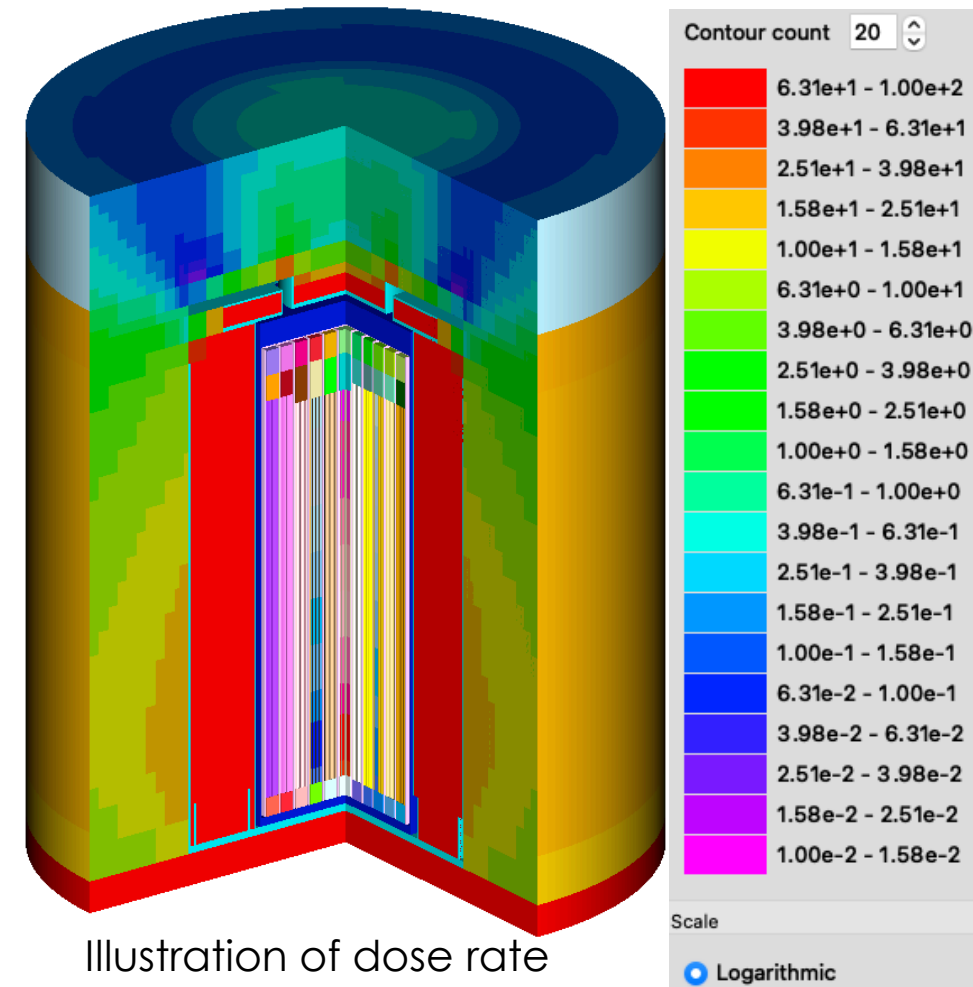


Illustration of dose rate values <100 mrem/h