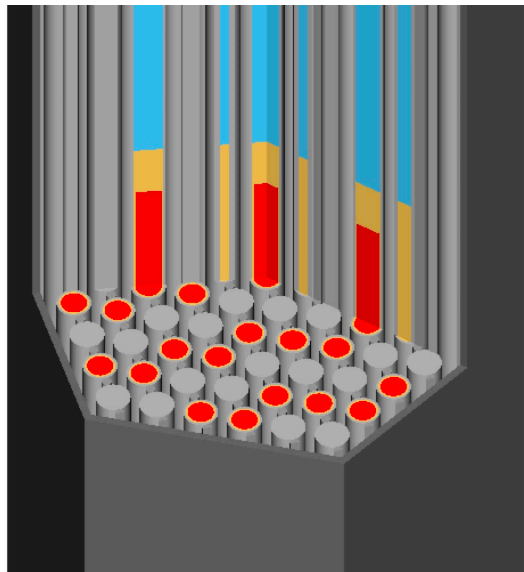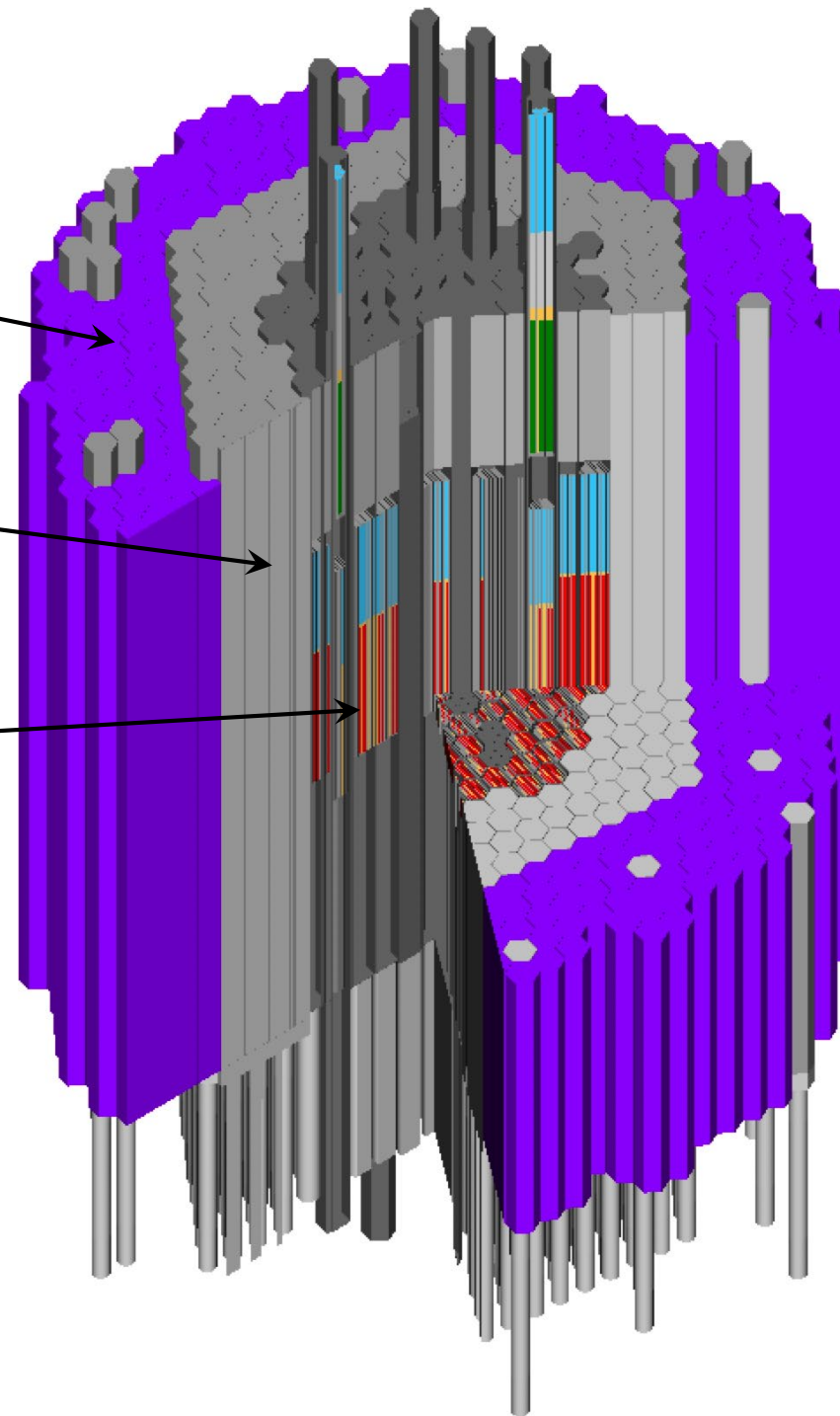# Experimental Breeder Reactor II

Homogenized blanket assemblies

Reflector assemblies

Heterogeneous driver assemblies

- Sodium-cooled fast reactor with high enriched UO$_2$ driver fuel and depleted uranium blanket assemblies, operated by Argonne National Laboratory between 1964 and 1994

- SCALE/KENO model based on: *Chad Pope, Idaho State University, "Experimental Breeder Reactor II Benchmark Evaluation", DE-NE0008301, December 2017.* https://neup.inl.gov/SiteAssets/Final%20%20Reports/FY%202014/14-6700%20NEUP%20Final%20Report.pdf

- Not displayed: sodium inside/outside the reactor, reactor vessel

  - Model generated by: F. Bostelmann (ORNL) with support from SCALE team and University of Michigan