






Ultra Safe Nuclear Corporation

Micro Modular Reactor (MMR[®])

- High temperature gas cooled reactor
 - Helium coolant – (chemical/neutron inert)
- Reactor output to 45MW_{th} (15MW_e)
- Temperatures
 - “Out of the box” steam 500°C – 600°C
 - Process heat to 900°C (or higher)
- Deployments
 -  2027 – Canadian Nuclear Laboratories
 -  2028 – UIUC (on campus)
- Pilot Fuel Manufacturing Facility (Aug. 2022)
 - Fully Ceramic Microencapsuled (FCM[®])
- Partnerships
 -  Fuel manufacturing
 -  Enriched uranium
 -  EPC
- Industrial heat applications
 - Cement, ceramics, chemical, desalination, distillation, hydrogen, steel, etc.

