Project Topics

The role and effect of silver in SiC

SiC as a cladding material (non-TRISO applications)

Fission product transport in UC/UCO

High temperature materials for gas reactor heat exchangers

Minor actinide bearing metallic fuels

Swelling of stainless steel under fast fluence

Alternate geometries of metallic fuels (e.g., slotted, annular, etc.)

Inert matrix actinide-bearing fuel concepts