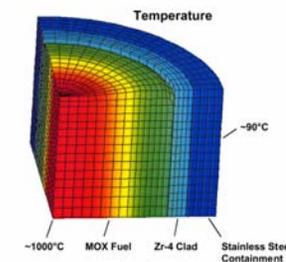
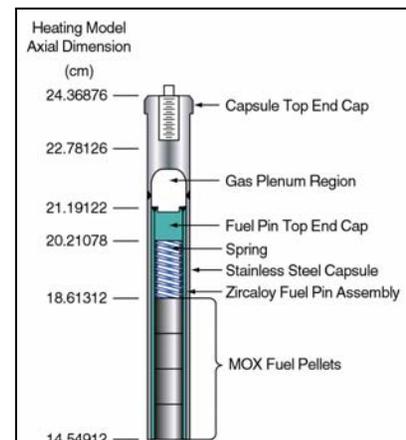


Thermal Hydraulics and Irradiation Engineering Group

Thermal, Fluid & Irradiation Experimentation

- Materials irradiation in HFIR, ATR (INEEL), Ford reactor (U.of MI)
- Heat transfer measurements
- Fluid flow characterization
- Two-phase flow



Heat Transfer, Fluid Flow & Reactor Safety Analysis

- Reactor thermal hydraulics
- Nuclear fuel behavior
- Severe accident analysis
- Computational fluid dynamics
- Explosion and aerosol transport analysis
- Support for experimental design

