

NUCLEAR

TESTING

- Mechanical
 - Tension/compression tests on an Instron with load capability to 100 kN
- Thermal (Cryogenic to High Temperature)
- Flowing Gas (He, N₂, H₂, Inerts)
- Hard Vacuum to Moderate Pressure
- Data Acquisition and Analysis
 - LabView® experiment control and data acquisition software
- NovaTech can define, conduct and manage test programs.
- Tests can be performed on single components or full system tests can be developed.
- Special fixtures can be designed and fabricated in-house



Testing configuration for distortion of nuclear fuel assemblies during operation



Testing configuration NHTSC burn evaluation for transport casks



Instron Tensile Tester



High Temperature Test Stand