

Neutrons for New Discoveries and Solutions

3-SOURCE STRATEGY

- 1 national laboratory
- 2 world-class facilities
- 3 advanced neutron sources

High Flux Isotope Reactor



- Highest steady-state brightness of thermal and cold neutrons
- Parametric studies
- Kinetics



- Highest peak brightness of cold neutrons
- Broader perspective
- Materials in action

Proton Power Upgrade (PPU):

- Doubles the power of the existing accelerator structure
- Provides new science capabilities for atomic resolution and fast dynamics
- Provides a platform for STS

- Highest peak brightness of thermal neutrons
- High-resolution crystallography
- Fast and high-energy dynamics

Second Target Station

Spallation Neutron Source