

# Premier Consulting and Advisory Services

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## SERVICES

NSTS provides premier consulting and advisory services to both government and private sector companies.

NSTS also offer innovative design, planning, development and deployment solutions focused on fuel cycle design and optimization.

risk free solutions for  
your business needs

## NSTS INNOVATIONS

Our services encompass a range of innovative analytical products, including:

- Fuel cycle code development
- Fuel cycle scenario studies
- Future generation reactor and nuclear power plant concepts
- High Level Waste partitioning and transmutation



### ENRICHMENT AND CONVERSION

- Diffusion and centrifuge technologies



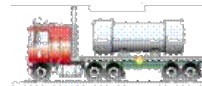
### FUEL FABRICATION

- UO<sub>2</sub> and MOX



### CORE DESIGN AND OPTIMIZATION

- LWR and fast reactor core physics
- Licensing and reload safety analysis



### PACKAGING AND TRANSPORTATION

- Fresh LWR (UO<sub>2</sub>, MOX and Reprocessed UO<sub>2</sub>)
- Irradiated LWR (UO<sub>2</sub>)



### REPROCESSING

- PUREX



### STORAGE

- Spent LWR fuel wet and dry storage
- Pu residue storage
- Radioactive waste storage



### GEOLOGIC DISPOSAL

- LLW and HLW geologic disposal

DEDICATED TO ACHIEVING EXCELLENCE IN THE NUCLEAR SECTOR

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