



BWXT Highlights

70+

years manufacturing naval and commercial nuclear components and reactors

40+

nuclear reactor system designs led and / or supported

425+

nuclear reactor cores shipped to the U.S. Naval Nuclear Propulsion Program

325+

commercial nuclear steam generators manufactured

2

privately held NRC (Nuclear Regulatory Commission) licenses to process highly enriched uranium (HEU)

11,000

highly skilled employees at BWXT and owned companies

4 million+

square feet of manufacturing

9,000+

research and test reactor nuclear fuel elements delivered

100s

of Kgs per year of TRISO fuel production capability

2 million+

Canada Deuterium Uranium (CANDU) fuel bundles provided

25+

high-consequence government sites managed

6

decades supporting U.S. space exploration programs

500+

patents held worldwide

BWXT[®]

What We Do



Advanced Technologies

- Advanced Nuclear Reactors
- Space Applications
- Additive Manufacturing



Commercial Nuclear Fuel

- CANDU Fuel
- Fuel Handling & Engineered Solutions
- Nuclear Non-Proliferation



Commercial Nuclear Components

- Steam Generators
- Heat Exchangers
- Reactor Vessels
- Isotope Production Equipment
- Spent Fuel and Waste Containers
- Condensers



Complex Site Operations

- Nuclear Operations, Science and Technology
- Environmental Management & Nuclear Facility Cleanup
- Safety & Licensing (Kinectrics)



Laboratory Services

- Failure Analysis
- Nondestructive Evaluation & Inspection Systems
- Strategic Materials
- Material Qualification and Testing (Kinectrics)



Advanced Fuels & Special Materials

- TRISO Fuel
- Downblending, Conversion, Enrichment and Purification of Uranium
- Two NRC Category 1 Licenses



Naval Nuclear

- Nuclear Power and Propulsion
- Design Engineering & Manufacturing
- HEU Nuclear Fuel



Nuclear Medicine

- Diagnostic Imaging
- Radiotherapeutic Treatments
- Contract Development and Manufacturing



Nuclear Projects and Services

- Steam Generator Services
- NDE Services
- Reactor Services
- Life-Cycle Management
- On-site Component Modifications or Replacement
- Heat Exchanger Services
- Owners Engineering, Radiochemistry, Decontamination (Kinectrics)



Research Test Reactors

- Fuel Plates and Fuel Powder
- Low-Enriched Uranium Fuel Development



Transmission and Distribution (Kinectrics)

- High Voltage and Current Lab
- Smart Grids
- Connection and Hardware
- Overhead Conductor Testing
- High Voltage Cable Testing and Commission In-Situ

People Strong.
INNOVATION DRIVEN >

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