BWXT COMPANY HIGHLIGHTS

60+
years manufacturing naval nuclear components and reactors

40+
nuclear reactor system designs led and / or supported

400+
nuclear reactor cores shipped to the U.S. Naval Nuclear Propulsion Program

1
sole supplier of nuclear fuel to the U.S. Navy

2
private licenses held to process highly enriched uranium (HEU)

7,000+
highly skilled employees

4 million+
square feet of manufacturing

8,000+
nuclear fuel elements delivered

100s
of Kgs per year of TRISO fuel production capability

300+
commercial nuclear steam generators manufactured

1.5 million+
Canada Deuterium Uranium (CANDU) fuel bundles provided

12
high-consequence U.S. government sites managed

6
decades supporting U.S. space exploration programs

325+
patents held worldwide
WHAT WE DO

Advanced Technologies
- Additive Manufacturing
- Advanced Reactors
- Radioisotope Development

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

Commercial Nuclear Components
- Steam Generators
- Heat Exchangers
- Reactor Vessels

Complex Operations Management
- Nuclear Facilities & Operations Management
- Nuclear Materials Management
- Environmental Safety & Health Management

Environmental Management
- Waste Management
- Facility Decontamination, Decommissioning & Demolition
- Remediation & Restoration

Laboratory Services
- Failure Analysis
- Nondestructive Evaluation & Inspection Systems
- Strategic Materials

Naval Nuclear Propulsion
- Design Engineering
- Precision Manufacturing
- Nuclear Fuel

Nuclear Medicine
- Development, Manufacturing and Supply of Radiopharmaceuticals and Medical Isotopes
- Diagnostics and Therapeutics
- Contract Research, Development & Manufacturing Services

Nuclear Services
- Steam Generator Services
- PWR Heat Exchanger Services
- Reactor Services

Research Test Reactors
- Fuel Plates & Target Manufacturing
- Fuel Powder
- Low-Enriched Uranium Fuel Development

Space Applications
- Nuclear Thermal Propulsion
- Reactor Design & Fuel Development
- Ground Testing

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Image of Copernicus spacecraft courtesy of NASA