



# NUCLEAR OPERATIONS SECURING TOMORROW



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## Proven Success

We began our endeavor into naval nuclear propulsion in the 1950s, when we designed and fabricated components for the USS Nautilus, the world's first nuclear-powered submarine. Today, BWXT reactors power the Navy's Ohio, Virginia, Seawolf and Los Angeles class submarines, as well as the Nimitz and Ford class aircraft carriers.

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## Made to Manufacture

BWXT's state-of-the-art manufacturing facilities supply specialty components and fuel to the U.S. government and commercial industry. In addition to producing nuclear reactor cores, steam generators, electro-mechanical equipment and large, heavy-walled components, BWXT also holds the only two private licenses in the U.S. to handle and store high-enriched uranium (HEU). >

**BWXT**<sup>™</sup>  
BWXT Technologies, Inc.

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## Fueling Research

We serve as the only U.S. domestic supplier of HEU and low-enriched uranium (LEU) aluminum-clad, plate-type reactor fuel assemblies for research and test reactors. Since constructing a dedicated facility in 1981 for the U.S. Department of Energy (DOE) laboratory program, we have delivered more than 8,000 fuel elements to customers around the world.

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## Power for the Next Generation

For more than 40 years, we have dedicated our efforts to supporting the design and development of advanced power systems for various specialty applications. BWXT continues to perfect the fabrication techniques for developing Generation IV reactors. Upon deployment, these passively safe, compact nuclear reactors generate electricity and hydrogen.

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## Locations and Capabilities

### Lynchburg, Virginia

- Manufactures naval nuclear reactors for submarines and aircraft carriers
- Supplies research reactor fuel elements for colleges, universities and national laboratories

### Barberton, Ohio

- Major supplier of heavy fabrications to industry, including components for defense applications
- Performs full-scope, prototype design work coupled with manufacturing integration on the shop floor

### Euclid, Ohio

- Fabricates electro-mechanical equipment for the U.S. government, with capabilities including design, manufacturing, inspection, assembly and testing
- Custom-built autoclaves and other specialized manufacturing equipment to meet customers' demands

### Mount Vernon, Indiana

- Manufactures heavy components for naval nuclear reactors used in submarines and aircraft carriers.
- Utilizes large CNC machine tools coupled with sophisticated welding and heat treating equipment

### Erwin, Tennessee (Nuclear Fuel Services, Inc.)

- BWXT subsidiary that manufactures fuel material for naval nuclear reactors used in submarines and aircraft carriers
- Converts Cold War-era government stockpiles of HEU into material suitable for further processing into commercial nuclear reactor fuel

People Strong

**INNOVATION DRIVEN >** . . . . .

Headquartered in Lynchburg, Va., BWX Technologies, Inc. (NYSE:BWXT) is a leading supplier of nuclear components and fuel to the U.S. government; provides technical and management services to support the U.S. government in the operation of complex facilities and environmental remediation activities; and supplies precision manufactured components, services and fuel for the commercial nuclear power industry. With approximately 6,250 employees, BWXT has 11 major operating sites in the U.S. and Canada. In addition, BWXT joint ventures provide management and operations at more than a dozen U.S. Department of Energy and NASA facilities. Follow us on Twitter @BWXTech and learn more at [www.bwxt.com](http://www.bwxt.com).

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