

BWXT is capable of bridging the gap between today's operating plant needs and supporting the new plants of tomorrow. We know that to achieve the energy goals of the future, we have to respond to the needs of today's industry. We are committed to providing dependable and quality products and services for the existing nuclear plants that have met our energy needs over the past several decades.



Manufacturing

- Operating facilities in Indiana, Ohio, Tennessee,
 Virginia and Ontario, Canada
- Cambridge, Ontario facility N-Stamp certified by the American Society of Mechanical Engineers
- Continuously maintain and modernize sites in order to maximize efficiencies and add value for our customers in commercial nuclear utilities



- State-of-the-art machining centers house multi-axis large gantry robots, multi-spindle gun drills and automated welding machines
- Euclid, Ohio site equipped with precision manufacturing to support the nuclear industry with high-quality components for diverse applications

Engineering

- Comprehensive in-house engineering expertise with ability to support every aspect of nuclear component manufacturing, maintenance and life extension
- Capabilities include structural component design, 3D thermal-hydraulic engineering analysis, weld and robotic process development, and materials engineering
- Custom tool design, life assessment, cleaning process development and qualification, engineering design for field repair and modification of pressure vessels, piping and support

Services

- Full spectrum of services for steam generators and balance-of-plant equipment as well as nondestructive examination and tooling / repair solutions for other plant systems and components
- Advanced robotics and tightly integrated tooling solutions are developed, qualified, tested and demonstrated in BWXT's mockup facilities
- Capabilities are developed in concert with industry organizations and research institutions to meet evolving industry inspection requirements

- Committed to keeping outage inspections and maintenance safe, predictable, on schedule and on budget
- Ability to identify, assess and repair problems with services such as eddy-current and ultrasonic inspections, tube plugging and sample removal, steam generator cleaning and pressure-boundary repair and modification

Advanced Reactors

- Supporting Gen III+ and Gen IV advanced reactor developers in the design, testing, licensing and commercialization of advanced reactor designs, including fuel development and manufacturing
- Integrated team of highly experienced engineers works in partnership with advanced reactor developers to efficiently and successfully bring designs to market
- Experienced in the intricacies of development and deployment of small modular reactors (SMR)
- Uniquely positioned as the only fully integrated nuclear supplier in North America capable of taking a reactor development project from pre-conceptual design through manufacturing

People Strong

INNOVATION DRIVEN >

At BWX Technologies, Inc. (NYSE: BWXT), we are People Strong, Innovation Driven. Headquartered in Lynchburg, Virginia, BWXT is a Defense News Top 100 manufacturing and engineering innovator that provides safe and effective nuclear solutions for global security, clean energy, environmental restoration, nuclear medicine and space exploration. With more than 7,000 employees, BWXT has 14 major operating sites in the U.S., Canada and the U.K. In addition, BWXT joint ventures provide management and operations at a dozen U.S. Department of Energy and NASA facilities. For more information, visit www.bwxt.com. Follow us on Linkedln, X, Facebook and Instagram.

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