



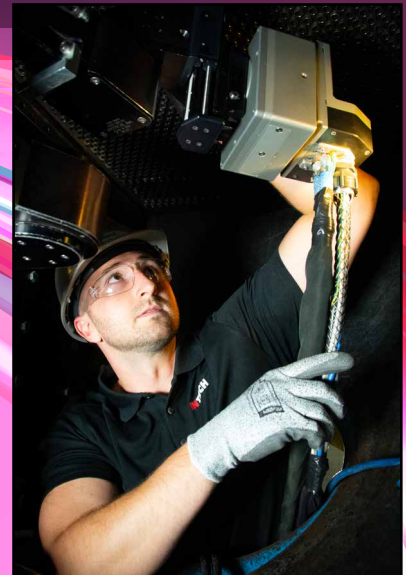
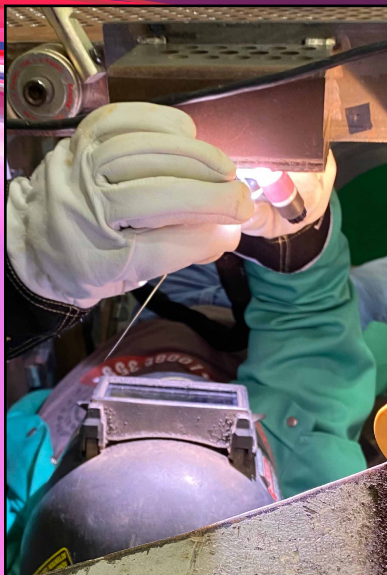
PROJECTS & FIELD SERVICES

Innovation. Delivered.



OVER 70 YEARS OF NUCLEAR EXPERTISE AND INNOVATIVE TECHNOLOGIES

At BWXT, our Project & Field Services team delivers the expertise, technology and speed today's nuclear industry demands. As a trusted partner to nuclear operators, we provide fully integrated solutions that span engineering and design, manufacturing, procurement, construction, decommissioning, machining, inspection, welding and digital field support. Our OEM insight, disciplined execution model and highly trained workforce ensure every project is completed with precision, safety and dependable performance. Backed by decades of proven experience and strengthened by advanced digital and field technologies, we help customers reduce risk, accelerate critical milestones and improve the long-term performance of their assets. Whether supporting in-situ machining, laser abatement, foreign-material control, specialized welding, EPC execution or augmented-reality field support, BWXT delivers high-value, forward-looking solutions that give our customers confidence in every phase of their mission.





ENGINEERING, PROCUREMENT AND CONSTRUCTION SERVICES

BWXT provides fully integrated Engineering, Procurement, and Construction (EPC) services for complex, regulated and safety-critical projects across the nuclear, energy and industrial sectors. By uniting design engineering, procurement, planning, project/program management, construction management and field execution, advanced inspection technologies and independent technical expertise under one organization, BWXT reduces project interfaces, strengthens schedule certainty, and delivers reliable, nuclear-grade outcomes from concept through commissioning.

Our EPC model brings together deep nuclear experience, disciplined governance and trusted partners such as InTech International (advanced NDE) and Kinectrics (independent testing and verification), inclusive of BWXT's nuclear component manufacturing capabilities. BWXT's world-class quality program, ASME and CSA certifications and proven performance in operating facilities ensure safety, constructability and compliance across every phase.

KEY ADVANTAGES

- Single-point accountability across the full EPC lifecycle
- Integrated engineering optimized for manufacturability constructability and field execution support
- Qualified global supply chain with nuclear-grade procurement controls
- Skilled delivery teams experienced in construction, union trade management, training – applied for new builds, operating fleet outage services, maintenance, modifications and refurbishments
- Advanced NDE solutions through BWXT's subsidiary, InTech International and independent assurance through Kinectrics
- Robust quality program meeting ASME III & VIII, CSA N299, ISO 9001 and 10 CFR 50 App B



OWNERS ENGINEERING (OE)

BWXT's Owner's Engineer (OE) capability brings together decades of nuclear experience and a proven record of delivery to provide integrated oversight on major projects. Leveraging deep expertise across project management, engineering, construction, QA/HSE, commissioning and operational readiness, BWXT offers a unified OE model that strengthens predictability and reduces execution risk. With practical AP1000 new-build construction and commissioning experience, BWXT applies rigorous project controls including resource-loaded schedules, risk management frameworks and transparent monthly reporting to ensure informed decision-making and dependable progress.

Built for speed, performance and long-term value, BWXT's OE approach blends technical excellence with future-focused workforce development. Project-specific Quality Assurance Manuals align with regulatory and technical requirements, while structured local training pathways expand community capability without compromising oversight. This integrated model supports customers in meeting critical milestones, enhancing transparency and building lasting operational readiness.

KEY ADVANTAGES

- Integrated OE delivery model spanning project, engineering, construction, QA/HSE, commissioning and operations readiness
- AP1000 construction and commissioning experience to reduce risk and strengthen predictability

DECOMMISSIONING SERVICES

BWXT is a leader in environmental remediation and decommissioning, significantly contributing to historic environmental cleanup operations around the U.S. We are actively involved in U.S. DOE Environmental Management projects, focused on removing legacy materials from sites that housed high-consequence operations, primarily during the Cold War era.

Leveraging over 30 years of experience in decontamination and decommissioning (D&D) services for the U.S. government, we employ cutting-edge technologies and best practices to safely, securely and cost-effectively treat, store and dispose of high-consequence waste and perform facility closures.

CONSTRUCTION SERVICES

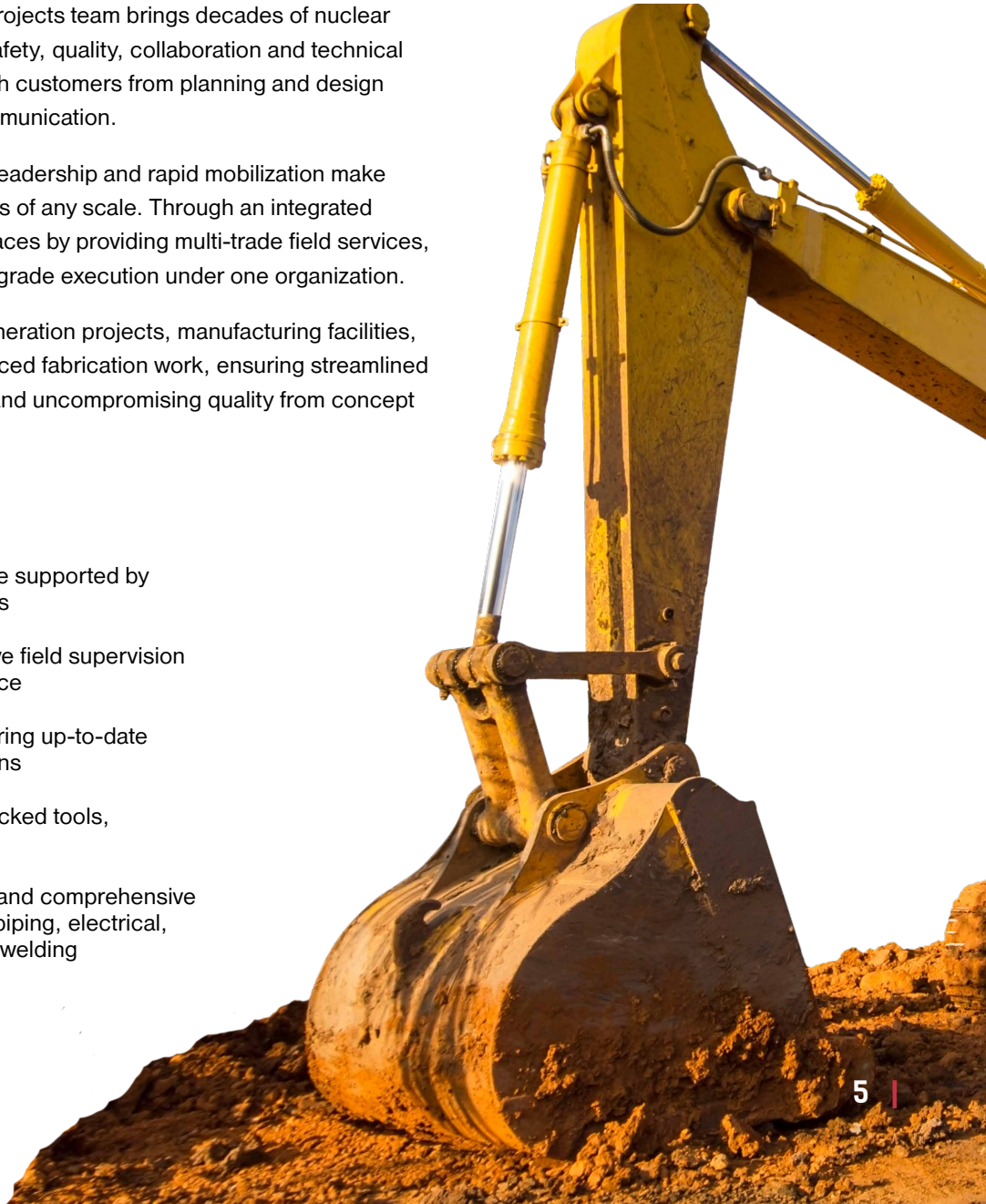
BWXT's Construction and Major Projects team brings decades of nuclear construction expertise rooted in safety, quality, collaboration and technical excellence. We partner closely with customers from planning and design through providing transparent communication.

Our adaptable workforce, proven leadership and rapid mobilization make BWXT a trusted partner for projects of any scale. Through an integrated delivery model, we minimize interfaces by providing multi-trade field services, equipment readiness and nuclear-grade execution under one organization.

BWXT supports nuclear power generation projects, manufacturing facilities, infrastructure upgrades and advanced fabrication work, ensuring streamlined delivery, consistent performance and uncompromising quality from concept through completion.

KEY ADVANTAGES

- Skilled and adaptable workforce supported by strong Trade Union partnerships
- Proven leadership with extensive field supervision and project execution experience
- In-house training facilities ensuring up-to-date safety and technical certifications
- Rapid mobilization with fully stocked tools, consumables, and equipment
- Customized equipment rentals and comprehensive multi-trade services, including piping, electrical, civil construction and specialty welding



SPECIALTY WELDING SERVICES

BWXT has partnered with Liburdi and GAPCO Technologies to deliver integrated field services and advanced welding solutions. This collaboration combines BWXT's project, construction and field expertise with Liburdi GAPCO's leading welding technologies to create a single, accountable solution for high-demand nuclear applications.

By uniting OEM-backed qualifications, disciplined governance and proven field execution with cutting-edge welding systems, the team delivers high-productivity, precise and repeatable results.

Our capabilities span the full field-service lifecycle - discovery, planning, tooling design, welding execution, inspection and documentation supported by the collective strengths of BWXT, Kinectrics, InTech International (NDE) and Liburdi Engineering Services for First-of-a-Kind (FOAK) projects worldwide.

KEY ADVANTAGES

- Versatile Applications: Proficiency in manual, mechanized and fully automated welding systems.
- Robust WPS/PQR Libraries: Extensive welding procedure specifications and procedure qualification records validated through metallurgical testing.
- Specialized Expertise: Dedicated subject matter experts skilled in navigating complex or constrained environments.
- Integrated Capabilities: Precision machining, material expertise, EPC delivery and OEM equipment lifecycle support.





ELECTRICAL DISCHARGE MACHINING

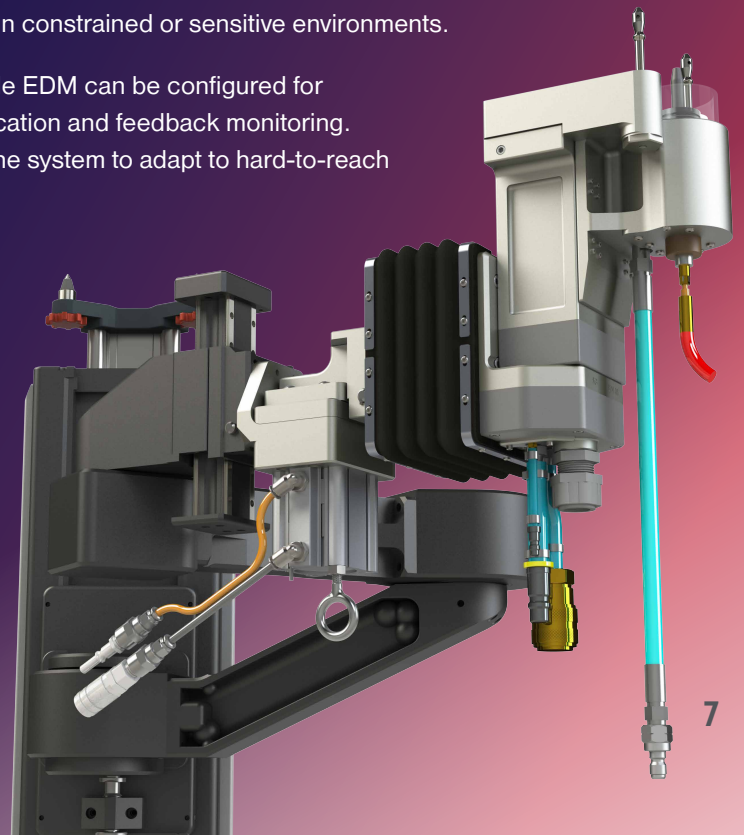
BWXT's portable Electrical Discharge Machining (EDM) provides precise, in-situ machining where traditional methods cannot. Using non-chip EDM, it removes material from conductive metals with no rotating parts, no machining loads and essentially zero foreign material generation. With low demineralized-water use and full particulate capture, it supports clean, controlled work in constrained or sensitive environments.

For areas requiring distance or reduced exposure, portable EDM can be configured for remote operation, including robotic deployment with verification and feedback monitoring. Customizable end effectors, interfaces and tooling allow the system to adapt to hard-to-reach or high-radiation locations.

BWXT delivers portable EDM through a turnkey OEM model that integrates engineering, tooling configuration, verification and field execution under one organization.

KEY ADVANTAGES

- Essentially zero foreign material generation
- Capability to cut any conductive metal, including hard alloys
- Remote deployment options for challenging plant conditions
- Custom-configured solutions to match site needs





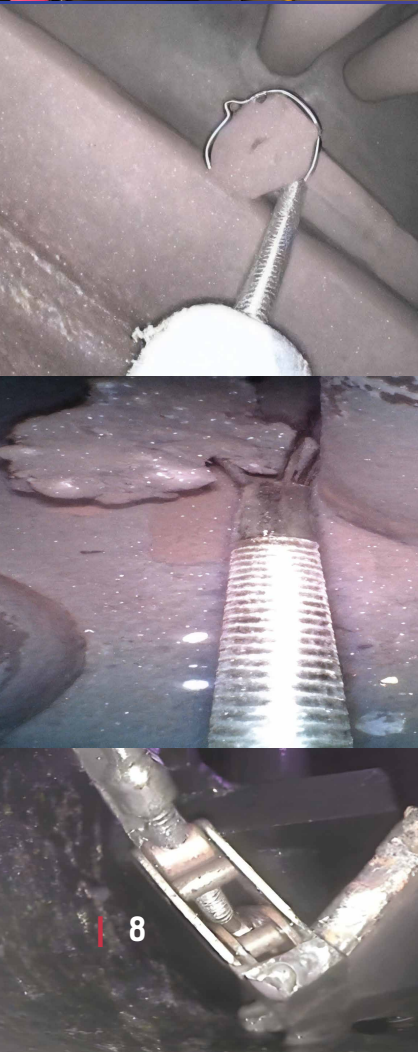
FOREIGN MATERIAL EXCLUSION HUB

BWXT's Foreign Material Exclusion (FME) Hub simplifies FME activities by combining FME integrity processes and software automation into one operator-friendly system. Tools and materials are checked in and out with clear visibility, reducing cognitive load and supporting compliance with BWXT and customer requirements. Multi-angle 4K cameras provide dual-hemisphere, 10-view capture for tool verification and photographic quality records.

Built with direct field feedback, the FME Hub uses RFID technology to make check-in/check-out fast and low-friction, and includes full data-export capability for customer reporting. An onboard emergency power supply protects data during power interruptions, ensuring complete traceability throughout the job.

KEY ADVANTAGES

- 4K visual records with time-stamped documentation
- Design shaped by field input, supported by onsite technical resources
- Simple, field-ready interface with dedicated operator training
- Comprehensive data package exports and resilient backup power



FOREIGN OBJECT SEARCH AND RETRIEVAL

BWXT's FOSAR (Foreign Object Search and Retrieval) is a fit-for-purpose, customizable process for locating and removing foreign material from plant systems using specialized tools. Each plan is tailored to customer needs, enabling safe, efficient retrieval in complex environments.

To prevent system degradation, BWXT applies a structured inspection process, a targeted retrieval plan and field execution using tools such as spine tools, scrapers and grippers. BWXT uses its lifecycle engineering experience to assess potential impacts when retrieval is challenging, delivering a complete end-to-end solution.

KEY ADVANTAGES

- Turnkey inspection, planning, retrieval and documentation
- Ability to provide integrated risk assessments across the full engineering lifecycle
- Tooling flexibility to match FM type and access constraints
- Proven field execution backed by rigorous training and repeatable work practices



LASER ABATEMENT

BWXT's laser abatement service offers a cutting-edge, non-destructive solution for coatings removal, surface preparation and contamination control across nuclear, construction and industrial sectors. Utilizing advanced laser technology, this process effectively removes paint, rust, coatings and contaminants without harming the underlying material. It significantly reduces waste, eliminates the need for hazardous chemicals and enhances worker safety.

This precise and environmentally friendly method adapts seamlessly to complex geometries and sensitive surfaces, making it especially suited for high-risk and highly regulated environments.

Supported by decades of nuclear and industrial expertise, BWXT delivers laser abatement services with stringent quality control, customizable system configurations and uncompromising safety standards.

KEY ADVANTAGES

- Non-destructive, highly precise material removal
- Minimal waste generation and reduced environmental impact
- Safer operation with reduced dust and hazardous exposure
- Tailored setups to meet unique project requirements
- Proven effectiveness in nuclear facilities, construction sites and energy sector assets



AUGMENTED REALITY SOLUTIONS

BWXT's Augmented Reality (AR) solutions, delivered with RealWear®, provide hands-free, real-time operator point-of-view support for inspection, troubleshooting and repair. Using rugged Navigator 520® and Arc 3® headsets built for harsh and nuclear environments, operators can communicate seamlessly with remote engineering and supervisory teams. Deployments across feeder cabinets, the reactor face, vault and secondary-side work have shown clear technical, safety and ALARA benefits.

KEY ADVANTAGES

- Real-time two-way visual support for fast troubleshooting and oversight
- Browser-based viewer with screen sharing, remote annotations and 3D model display
- Voice-command operation effective up to 100 dBA
- Proven field value across multiple nuclear workgroups and task types
- Reactor Containment (Vault)-ready, PPE-compatible systems with IP66/IP54 ruggedization for radiological environments

VIAA

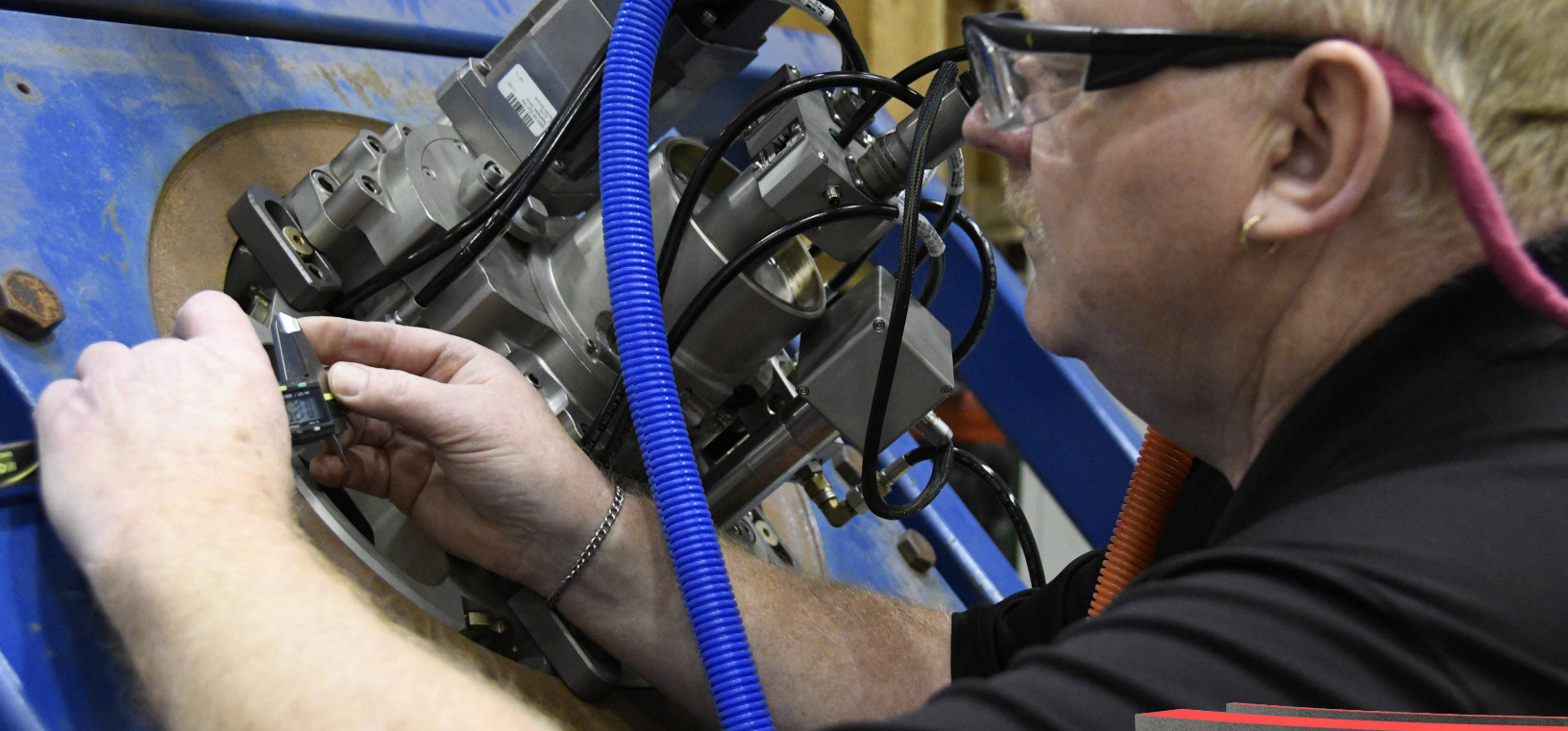
BWXT's Visual Inspection Acquisition and Analysis (VIAA) platform streamlines inspections by unifying image capture, analysis and documentation in one digital workflow. It replaces manual processes with AI-assisted tube detection, automated sizing and labeling, timestamping and standardized reporting.

Field trials showed roughly 40% faster analysis, 25% fewer errors and reduced fatigue. VIAA improves accuracy, cuts rework and delivers consistent, traceable outputs. Upcoming upgrades - offline syncing, advanced computer vision and AI-based foreign-material sizing will further enhance performance.



KEY ADVANTAGES

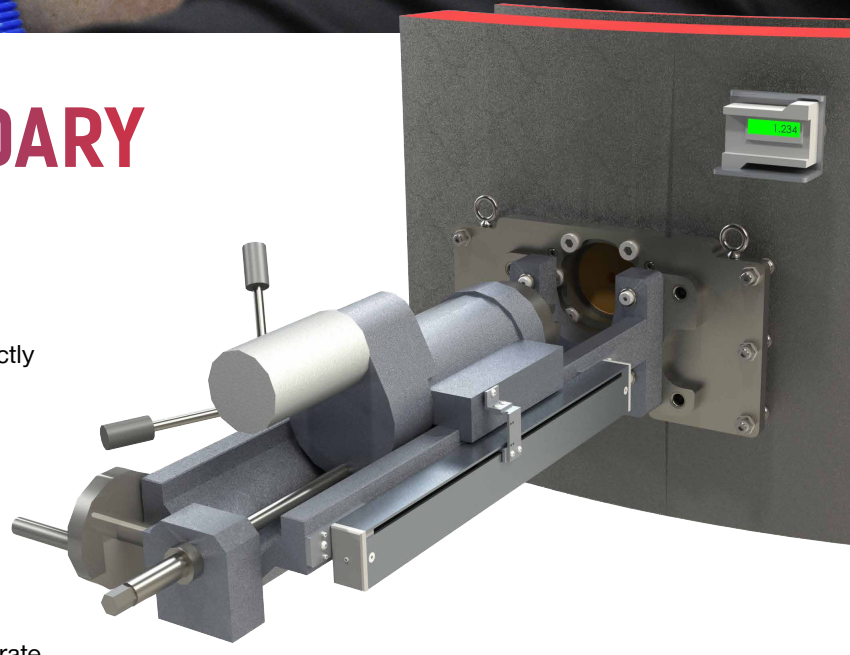
- All-in-one platform standardizes inspections, analysis and documentation
- Automated tube detection, item labeling and timestamping reduce errors and subjectivity



PRESSURE BOUNDARY MODIFICATIONS

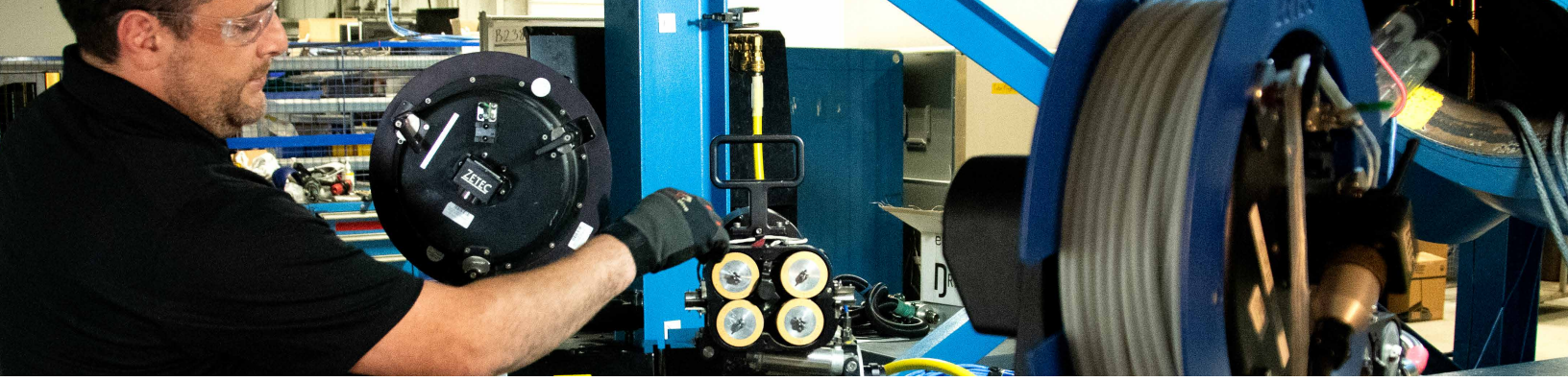
BWXT brings OEM-grade capability field machining directly to your facility, enabling in-situ component modifications without costly disassembly, transport or operational disruption. From creating access ports for inspections to repairing critical components such as tube ends and nozzles, our custom-configured systems deliver precise, efficient machining while maintaining FME control. Recent applications across steam generators, heat exchangers and other complex equipment demonstrate the adaptability of our approach to meet the specific needs of each plant.

Backed by decades of field experience and a rigorous training program, BWXT provides a fully integrated solution from engineering analysis, planning execution, through pressure tests.



KEY ADVANTAGES

- Turnkey service covering analysis, tooling, deployment and testing
- Custom machining solutions engineered for specific metallic applications
- OEM advantage with seamless integration of design, analysis and field execution
- Proven expertise delivering precision, reliability and maintaining FME control



RAISING THE BAR



Safety and Training



Our interactive training centres enable our teams to train under real-life scenarios, ahead of performing the work in the field. Our customized mockups are unique to our business and provide a safe and realistic simulation, resulting in increased time and cost efficiencies.



Integrated Project Delivery



BWXT is equipped to deliver end-to-end solutions for the nuclear life cycle. From design and manufacture to installation and decommissioning, we provide EPC-type services for our customers, working collaboratively with industry partners.



Quality Management

Our quality and continuous improvement program ensures conformance to procedures and standards in all the work we do across our business. We also maintain a wide range of certifications with organizations, such as the Technical Standards and Safety Authority (TSSA), the CSA Group and the American Society of Mechanical Engineers (ASME), to meet the quality requirements of our customers.



At BWX Technologies, Inc. (NYSE: BWXT), we are People Strong, Innovation Driven. A U.S.-based company with approximately 10,000 employees, BWXT is a Fortune 1000 and Defense News Top 100 manufacturing and engineering innovator that provides safe and effective nuclear solutions for global security, clean energy, nuclear medicine, space exploration and environmental restoration. BWXT owns and operates 17 manufacturing facilities globally, and its 14 strategic partnerships support the U.S. and Canadian governments at more than two dozen additional locations. For more information, visit www.bwxt.com. Follow us on LinkedIn, X, Facebook and Instagram.

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BWXT Canada Ltd.
581 Coronation Blvd.
Cambridge, Ontario
N1R 5V3 Canada
Phone: +1.519.621.2130

www.bwxt.com



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