



OPERATIONS & MAINTENANCE SOLUTIONS

Leading the Industry with Experience & Expertise

With more than 45 years of experience and one of the nation's largest workforces of supplemental maintenance and radiation protection technicians, Westinghouse understands the demands of the industry and has the expertise required to maximize operational efficiency at your plant.

We develop partnerships with our customers, aligning with their objectives and delivering predictable results driven by a joint commitment to safety and quality.



Westinghouse



INTEGRATED MAINTENANCE

Westinghouse offers full-scale, integrated maintenance and project implementation in support of online, outage and emergent activities. Our suite of specialty services can be customized to fit the unique needs of our customers.

A mix of highly skilled technical and craft personnel comprises our global engineering, installation and modification services workforce, focused on safety and quality to deliver successful results.

Maintenance, Modification & Construction (MMC)

- On-line & Outage Maintenance
- Union & Non-Union Capabilities
- Planning & Scheduling Services
- Full Managed Task or Staff Augmentation
- Outage Performance Improvement
- Electrical Installations, Maintenance and TP&L
- Shop & Field Welding
- Oversight of Specialty Services & Vendors

I&C and Electrical

- Preventative & Corrective Maintenance
- Managed & Staff Augmentation
- Digital Upgrades
- Control, Safety & Reactor Systems Modifications
- System Support Services (S3)
- Security Equipment Maintenance & Installation
- Simulator Services
- Control Room Upgrades

Radiation Protection (RP)

- Operational RP
- Decontamination & Decommissioning
- Remote & Automated Monitoring Systems
- Dose Reduction Plans
- Program Recovery
- Regulatory Compliance
- Janitorial & Facilities Maintenance
- Training Programs

Valve Services

- Preventative & Predictive Maintenance
- EPRI AP3-Compliant Training
- INPO Modeled Training
- Full-Scope Valve Repair
- Turnkey MSIV Projects & Repair
- MOV & AOV Diagnostic Testing & Repair
- Mechanical Valve Repair
- Diagnostic Engineering

Maintenance Projects

- Large Component Replacement
- Project Management & Controls
- Plant Modifications
- Major Capital Projects
- Coating Projects (incl. Metalizing)
- Buried Pipe Inspection, Mitigation & Rehabilitation

Civil Maintenance

- Excel Scaffold Sales & Rental
- Standard & Custom Builds
- Specialty Fabrication & Design
- Seismic Engineering
- Permanent Structures
- Shielding Racks & Towers
- Reactor Vessel Head Flange Adapter Assemblies



PROJECT MANAGEMENT

Westinghouse is experienced in the management and implementation of stand-alone projects of any dimension. Utilizing in-house capabilities and teaming agreements, we are positioned to offer procurement and construction packages for major component modifications, such as steam generator replacements, reactor vessel head replacements, condenser change-outs, moisture separator re-heater upgrades/replacements, emergency diesel generator modifications, and many more.

Our innovative approach to project management and service delivery results in lower costs and higher productivity, providing safe, quality engineering, construction and maintenance services that drive operational efficiency and reliability while supporting continuous improvement.



Staffing Services

- Technical & Professional Staffing
- Managed Staffing Programs
- Payroll & Seconded Services
- Direct Placement

Specialty Welding & Machining

- Field Welding & Machining
- Fabrication, Installation, Replacement, Repair & Modification of Components, Piping & Supporting Equipment
- Tool Design Engineering
- Weld Engineering
- Custom Welding & Machining Systems
- R, NR, S, U, PP, NA & NPT Stamps
- Structural Weld Overlay
- Orbital, Temper Bead
- Valve, Rx Vessel, Rx Head, Core Barrel & Piping Repair
- Spent Fuel Canister Lid Welding
- Electric Discharge Machining (EDM) – Thermal Sleeve Replacement, Boat Samples
- Vessel Cladding Overlay
- Metrology & Interference Modeling

Refueling & Reactor Services

- Full Service PWR & BWR Refueling Operations (Disassembly, Core Alterations, Reassembly)
- BWR Under-Vessel Services
- Fuel Inspection, Repair, Cleaning & Sipping
- IVVI & ISI Inspections
- Tooling Design, Fabrication & Maintenance
- Fuel Handling Equipment – New Fabrication & Maintenance
- A/V Products & Services
- Robotic Cleaning, Inspections & Retrieval
- Training Services (Fuel Handling & Reactor Disassembly, Executive Courses)

Engineering

- AE Design Support
- Design Change Packages
- Field Engineering
- Startup & Commissioning Testing Services

Major Radioactive Component (MRC) Removal/Disposal

- Acquisition of Project Funding
- Characterization
- Cut Planning
- RP & Craft Labor
- Segmentation/Dismantling
- Rigging
- Transport
- Disposal

Inspection Services

- PWR & BWR Inspections
- Steam Generator – Primary & Secondary Side Services
- A/V and Cavity Cleaning Services
- Heat Exchanger Remote UT Inspection
- Core Barrel Girth Weld UT
- Clevis Bolt UT
- Baffle Bolt UT
- Reactor Head Penetration UT
- BOP Inspection
- Reactor Head Dome Inspection





Rotating Equipment

- Remanufacture, Refurbishment & Replacement Pumps, Motors & Shaft Seals
- BWR & PWR Component Service
- Field Inspections, Maintenance & Replacement
- Contaminated Machining at our Waltz Mill Facility

Reactor Modifications

- Clevis Bolt Replacement
- Baffle Bolt Flange Inspection
- Reactor Drive Line Repair
- Thermal Shield Support Block Bolt Replacement
- Thermal Shield Flexure Replacement
- Fuel Handling Equipment Modification & Replacement
- Lift Rig Modification & Replacement
- Reactor Nozzle Mechanical Stress Improvement Process (MSIP©)
- Support Pin Replacement
- Core Barrel Crack Mitigation
- Reactor Internals Guide Tube Exchange & Replacement
- Simplified Head Package Modification
- Fuel Alignment & Replacement
- Core Barrel Bolt Replacement
- Specialty Tooling Design, Manufacturing & Qualification
- Core Barrel Lift Advisor Service
- Steam Dryer Replacement
- Reactor Head Replacement
- Control Rod Drive Mechanism Replacement
- Integrated Major Project Management Services
- First-of-a-Kind Reactor Repair & Modification Process Development
- Reactor FOSAR

Parts & Components

- Manufacturing
- Mechanical Parts
- Obsolete Parts
- Commercial-Grade Dedication
- Electrical Systems
- I&C Systems
- Kitting & VMI



Learn more about our
operations & maintenance
solutions

