

Our Capabilities



Pre-Outage Services

- Maintenance Procedure Upgrades
- Work Planning
- Spare Parts Planning
- Work Package Prep.
- Work Scheduling

Outage Services

- Project Management
- Valve/Actuator Repair/Refurbishment
- In-Line Machining
- ASME Section IX Welding
- NR Certified on Class I, II, or III line valves and pressure relief devices
- VR Certified on ASME Section I, III, & VIII safety and safety relief valves
- Pressure Seal Gasket Fabrication

Post-Outage Services

- Work Package Closure
- Update Plant Maintenance History
- Job Closeout Report

Field Machining Center Equipment

- Rotary Surface Grinders
- Milling Machines
- Slide Bed Gap Lathes
- Vertical Turret Lathes
- Removable Gap Engine Lathes
- Specialty Tooling
- Monorail System

To find out more, contact:
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CRANE Nuclear, Inc. is a NUPIC Audited Supplier.

Valve Maintenance Services

CRANE Nuclear provides valve and actuator services to the nuclear power industry. These services can be integrated with valve testing for a full-service approach to valve maintenance. We have the engineering, project management, planning, scheduling, training, and quality assurance capabilities that distinguish us from vendors that only provide staff augmentation services.



Mobile Centers Facilitate Requirements for Clean and Contaminated Valves and Components

Valve Services - All valve types

Valve services include complete on-site valve repair, modification, and refurbishment of manual, air-operated, motor-operated, check, safety/safety relief, and control valves.

Our Field Mobile Machining Centers and Mobile Actuator Refurbishment Centers are equipped to fully support on-site work on clean and contaminated valves and components.

In-Line Machining

Portable boring bars, flange refacers, and seat re-contouring machines are used to perform complex, in-line valve machining projects in the least amount of time.

Actuator Services

Air-operated and motor-operated valve actuator service includes removal, disassembly, cleaning, inspection, parts replacement, lubrication, reassembly, calibration, and installation. Work is performed on-site and is facilitated with our Mobile Actuator Refurbishment Centers.

Our Mobile Actuator Refurbishment Centers are equipped with work stations, motor control centers, specialized actuator tools, fastener kits, hoists, greasing stations, and special tooling to efficiently perform complete on-site repair and refurbishment services. A special stainless steel lined area is designated for work on contaminated equipment.

Service Staff

CRANE Nuclear maintains a full-time staff of Project Managers, Supervisors, Engineers and Technicians who are trained and experienced in valve and actuator maintenance. Many are cross-trained to enable a quick response to changes in the work scope. A fully qualified team of valve professionals who are equipped with the proper tools will provide the best service possible to help plants achieve their goals for valve maintenance.



Mobile Valve Machining and Actuator Refurbishment Centers Support On-Site Services