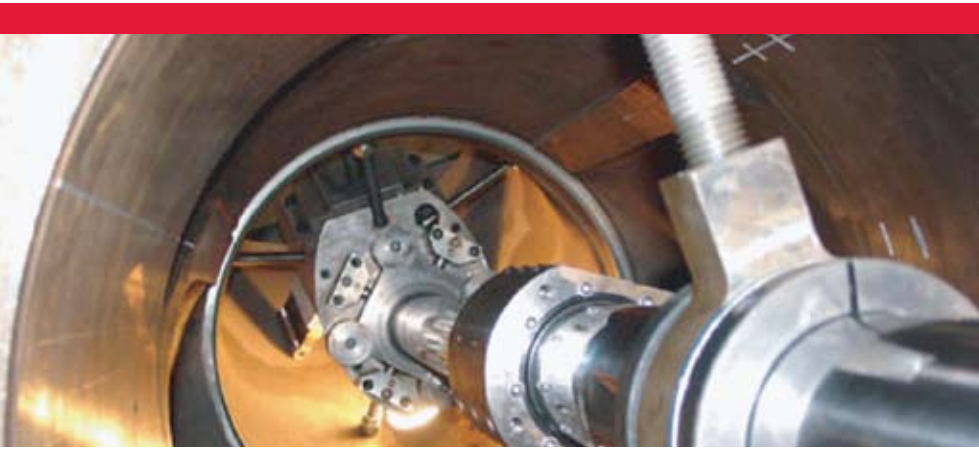


# MSIV Services

**aquilex** WSI NUCLEAR SERVICES



## MSIV Repair Solutions Highlights:

- Performed over 130+ repairs in service at nuclear plants
- Aquilex WSI nuclear services Digital Cylindrical Coordinate Measuring Machine maps the as-found and establishes the as-installed true valve centerline – Allows for “intelligent” repairs to valves and long term valve performance analysis.
- Aquilex WSI nuclear services utilizes a modified Climax Boring Bar Setup with a RIGID setup to perform all precision machining functions
- Solutions include Seat repairs and/or Seat replacements (both base metal and stellite), rib replacement, body and flange area repairs, new poppet preparation and existing poppet repairs
- Full Scope, Contingency Scopes, and Emergent Support

## MSIV Repair Solutions Benefits:

- Predictable quality and schedule
- Repeatable weld quality
- Reduced schedule risk
- Improved ALARA results
- 100% Success rate on LLRT



**Aquilex WSI nuclear services is the nuclear field services expert in welding solutions.**

Aquilex WSI nuclear services provides valve welding and machining expertise, computer mapping and an integrated repair plan including mock-up, machining, welding, and project management to recondition your plant's MSIV's.

Aquilex WSI nuclear services has performed repairs now in service in nuclear power plants around the world including Pilgrim, Oyster Creek, Fitzpatrick, Browns Ferry, Nine Mile, Cooper, Laguna Verde, Garoña, Susquehanna, McGuire, Catawba, Davis Besse, Calvert Cliffs, Crystal River, Vermont Yankee and St Lucie.

The welding is performed with a Remote Automatic Gas Tungsten Arc Welding Process. Our processes and equipment are designed, programmed, built and maintained In-house. Our consoles control travel speed, wire feed rate, voltage, current, oscillation and other welding parameters delivering exceptional weld quality.

Aquilex WSI nuclear services holds ASME “S”, “U”, “NR”, and “NPT” certificates/ Code Stamps and National Board “R” and “NR” certificates and has a full services Quality Control Program to support requirements necessary to perform work using these certificates.

Engineering and expertise with metallurgical, electrical, welding, tooling design and repair design capabilities – with proven experience in tackling a wide range of custom tooling and technology challenges to meet our nuclear customers' requirements quickly. Our Weld Engineers and Metallurgists develop and maintain 1000s of PQRs and WPs.