

## CONTAMINATED REFURBISHMENT CENTER

Lynchburg (VA, USA) hot workshop for contaminated equipment

Framatome's team of experienced machinists and technicians are here with solutions to repairs and refurbishment of contaminated equipment or components. Located in our Pump & Motor Service Center, with extensive capabilities for large and small contaminated machining, decontamination, service level 1 coatings and testing, we are equipped to repair contaminated, safety related and/or ASME components.

### Challenge

Management of aging components is a critical factor to operational excellence. With long lead-times and lack of availability, the costs associated with replacing obsolete equipment start to add up. Plant operators are performing more required maintenance tasks than ever with shrinking resources.

### Solution

In addition to pumps and motors, we routinely perform secondary side work including flange refacing on heat exchangers and repairs on turbines, compressors, valves, and more. We also offer shaft turning, repair, sleeving, and balancing as well as nickel plating for large shafts.

With a 20,000 f2 radiologically controlled area, our shops contain a wide array of equipment to meet your machining, welding, and repair challenges.

- Heat exchanger repair
- Reactor feed pump turbine services
- Primary pump seal forensics
- Secondary side pump repair
- ECCS pump repair
- Contaminated valve repair
- RCP seal housing weld repair
- Specialty equipment refurbishment

### Customer benefits

- Full in-house capabilities to perform all maintenance and repair activities
- Experienced personnel including machinists, technicians, and NDE
- Robust quality control and FME programs
- Avoid costly new parts with long lead-times and modifications

**Your performance  
is our everyday commitment**



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### Technical information

#### Hot machine shop equipment

- Vertical lathe with 144" bed and 90" under beam
- Horizontal lathes (3)
  - 12" swing to 78" swing
  - 4' to 20' bed length
- Horizontal boring mill
  - 48" x 60" table
  - Weight up to 11,000 lbs.

#### Dynamic hard bearing balancers

- Up to 63" diameter, 109" length
- Up to 94" diameter, 240" length expandable
- Weight to 50,000 lbs.

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