



## Snubber Services

for Large Bore Hydraulic Snubbers

- Seal Integrity testing
- Control Valve Functional Testing
- Fluid Sample collection and Analysis
- Complete Snubber Refurbishment
  - Complete Seal Replacement and Rebuild
  - Chevron Seal Replacement
  - Tefzel Seal Replacement
- Snubber Reservoir Maintenance and Repair
- Snubber Removal and Installation Support

*Note: Snubber maintenance on contaminated equipment can be performed on-site or at a off-site facility.*

**For over five decades, Curtiss-Wright has been a trusted supplier in the nuclear industry, providing reliable support for large-bore hydraulic snubbers.**

Our snubber field services include snubber testing and outage support, repair, rebuilding, and refurbishment of large-bore hydraulic snubbers. We use our Testan testing machine and True Test-in-Place (TTIP) technology which avoids unpinning of the snubber and testing it for lock up with no load transfer to plant equipment.

This innovative approach significantly reduces maintenance costs and personnel dose. We also offer removal and remote testing of snubber control valves, if TTIP technology is not available.

All Curtiss-Wright technicians are qualified in accordance with ASME NQA-1, and work under the guidelines of ASME Section XI and 10CFR50 Appendix B.

- Support for Paul-Monroe (PME), Anker-Holth, McDowell-Wellman, Bergen-Paterson, and E-Systems snubbers
- Compliance with applicable quality programs and customer requirements
- Inspectors and unmanned aerial systems available to satisfy VT-1 examination requirements
- Inventory of Testan and other specialty tools to deploy to site to support testing needs
- Complements license renewal and plant restart initiatives