

Virtual Contractor Services

Fluid Sealing Solutions

**CURTISS -
WRIGHT**

Nuclear Power Products and Services



About Curtiss-Wright

Curtiss-Wright is a leader in fluid sealing technologies and services for commercial nuclear and fossil power plants, the Department of Energy, the Department of Defense, original equipment manufacturers, and the chemical, petrochemical, and industrial markets.

Virtual Contractor Services

Accomplishing shorter outages requires proper planning, precise execution, and quick resolution of problems as they arise. With today's growing personnel health and safety concerns, fewer contractors are being allowed within plants, making Delivering the Nuclear Promise even more challenging within the nuclear power industry.

Curtiss-Wright's subject matter experts to review all identified valve and pump leaks within scope and recommend corrective actions, ensuring the proper work is performed with the highest quality engineered materials available. Our virtual contractors work to ensure plants experience breaker-to-breaker leak-free operation.

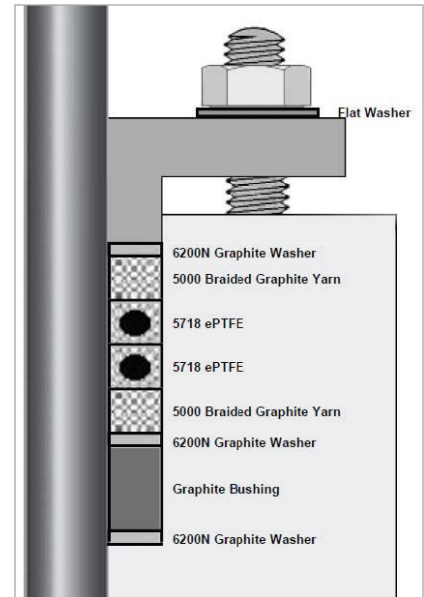
- **Remote Service:** Outage scope preparation services are performed remotely through approved site VPNs. Our remote Virtual Contractor Service is a secure, safe, and cost-effective solution that provides plants with outage planning flexibility and 24/7 support.
- **24/7 Outage Support:** Dedicated subject matter experts are available to support maintenance and engineering via plant-specific or generic web communication services to provide just-in-time training, specific instructions, and pre-job briefings for upcoming work.

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Virtual Contractor Offerings:

- **Valve Scope Assessment:** Curtiss-Wright reviews the work history, drawings, flow diagrams, engineering design changes, vendor manuals, and procedures for each valve in the outage's scope, ensuring that all pertinent information is incorporated into the data sheet development.
- **Valve Packing Data Sheet Development:** Utilizing our patented web-based SealPRO™ software, field engineers create valve packing data sheets for all new valves, as well as for every valve repack, rebuild, or retorque scheduled for replacement during outage. Each data sheet contains: dimensional information; the optimal packing configuration; a complete bill of material (BOM), including applicable packing, gaskets, pressure seals, carbon bushing, live loading, and bolting; maintenance instructions; and other details related to the valve and work scope.
- **Work Order Assessment:** Our team collaborates with planning and work management departments to review work order packages, ensuring that work instructions are correct and necessary materials are reserved for each work order.
- **Inventory Planning and Procurement:** Our experts work with purchasing and procurement engineering departments to confirm all required materials are on-site prior to the outage start date. Curtiss-Wright supplies proprietary manufactured and distributed OEM fluid sealing products, bolting solutions, and fasteners for safety-related and non-safety related applications that offer the best engineered solution for each application.



Valve packing diagram in maintenance instructions



Plant engineer utilizing virtual contractor services



Plant engineers reviewing data sheets from Curtiss-Wright

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