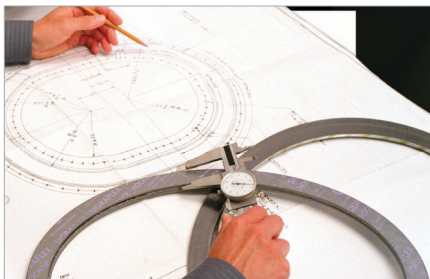
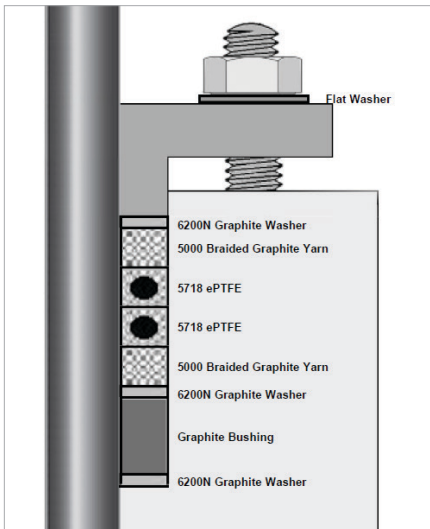
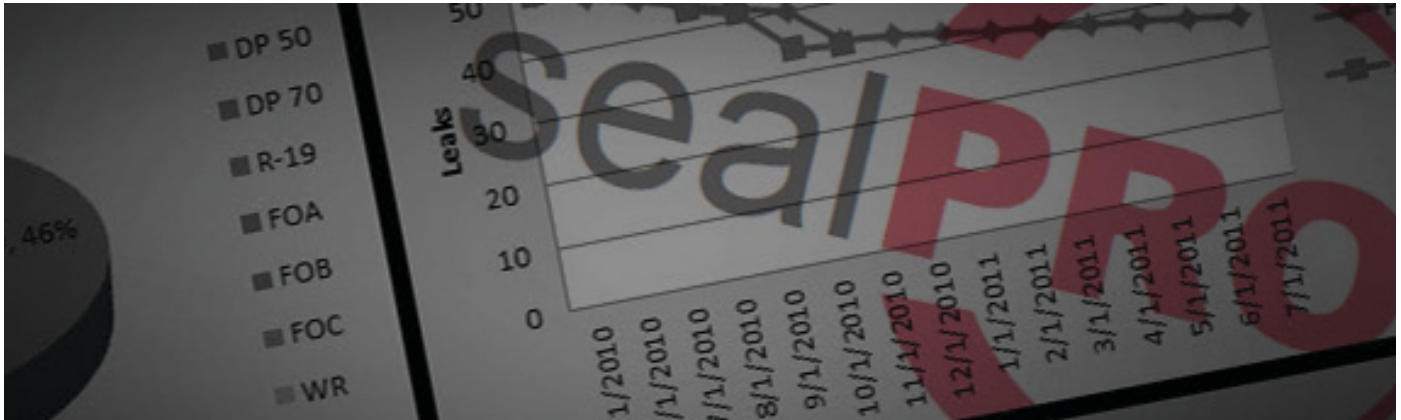


# Outage Scope Preparation

Fluid Sealing Solutions

**CURTISS -  
WRIGHT**

Nuclear Power Products and Services



The success of any outage starts with proper preparation. With thinner plant resources and personnel being tasked to do more, executing shorter outages is a challenge. Repairing fluid sealing problems during a scheduled outage requires precise pre-outage planning. With Curtiss-Wright's Outage Scope Preparation, subject matter experts review all leaks and develop a strategy to fix them. Our pre-outage services help to Deliver the Nuclear Promise by increasing efficiency and improving equipment reliability.

## Pre-Outage Services

- **Valve Packing Data Sheet Development:** Utilizing our patented web-based SealPRO™ software program, field engineers create valve packing data sheets for every valve repack, rebuild, or retorque and all new valves scheduled to be replaced during the outage. Each data sheet contains dimensional information; optimal packing configuration; complete bill of material (BOM) of applicable packing, gaskets, pressure seal, carbon bushing, live loading, and bolting; maintenance instructions; and other details related to the valve and work scope.
- **Valve Scope Assessment:** Subject matter experts review the history, drawings, flow diagrams, engineering design changes, vendor manuals, and procedures for each valve in the outage scope to ensure that all pertinent information is incorporated into the data sheet development.
- **Work Order Assessment:** Field technicians collaborate with planning departments to review work order packages; expand work order instructions; and make certain that all correct, necessary materials are reserved for each work order.
- **Inventory Planning and Procurement:** Our technicians work with purchasing and procurement engineering departments to ensure all needed materials are on-site prior to the scheduled outage. Curtiss-Wright supplies proprietary manufactured and distributed OEM fluid sealing products, and offers the best solution for each application.
- **Remote Service Availability:** Outage scope preparation services can be performed on-site or remotely. Our remote service option is a secure, cost-effective solution that provides plants with outage planning flexibility.

## Outage Services

- **Technical Support:** On-site field technicians and engineers identify packing, gasket, and pressure seal problems; develop a leak resolution strategy; and coordinate the fix with all plant departments from start to finish.

### CONTACT INFORMATION:

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