

# NUCLEAR STEAM TURBINE SERVICES

## TURNKEY INSPECTIONS

Power Services Group (PSG) has the ability to provide full turnkey services for nuclear steam turbines and generators for most OEM manufacturers. PSG provides total turnkey outage performance including technical direction, project management & coordination, supervision, labor, tooling, repairs, parts sourcing and/or manufacturing, and start-up support. We support fossil and nuclear steam turbines up to 1,300MW for all major OEMs. We are the alternative to the OEM for all of your nuclear steam turbine outage needs.

## SERVICES PROVIDED

- Open, Clean, Inspect, Close (Outage Services)
- Bearing Inspection and Repairs
- Valve Inspection and Repairs
- Valve Component Reverse Engineering
- Valve Part Manufacturing
- Lifting and Rigging Oversight
- Steam Path Component Inspection and Repairs
- Major Overhaul Planning and Execution
- Shop Repair Services
- Field Repair Services

## EXPANDED REPAIR CAPABILITIES:

PSG is the leading aftermarket service provider for all steam turbine services. We have a comprehensive steam path component repair facility in Pevely, Missouri as well as a state of the art valve repair facility located in Gainesville, Georgia. In addition to the shop services, we also offer a complete field repair service division that will bring the necessary equipment to your site to perform a quality repair at an affordable price.

### Common Repair Services Include:

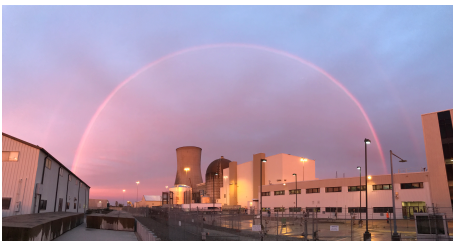
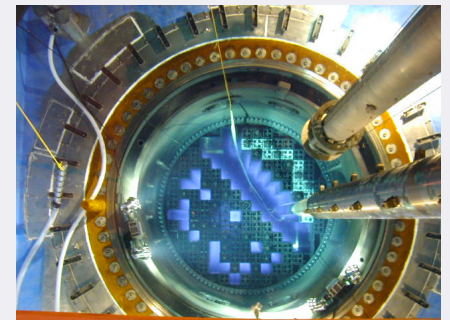
- Nozzle and Diaphragm Refurbishment
- Blade Ring Refurbishment
- Seal and Packing Machining and Replacement
- NDE Services
- Dish Removal and Re-rounding Services
- Blade/Bucket Replacement
- Tennon Welding and Refurbishment
- Cover Replacement
- Bore Plug Removal and Installation
- Balancing Services
- Valve Reconditioning
- In-House Nitriding Services
- Stellite Application Services
- Collector Ring Machining

### Common Repair Services continued:

- Shaft and Journal Restoration
- Stud Removal
- Boring – Small to Large Diameters
- Milling
- Advanced Welding Solutions
- On-Site Outage Support Machining Services

## UNITS SERVICED

- General Electric
- Westinghouse
- Alstom
- Siemens
- Toshiba
- Mitsubishi
- OEM Retrofit Units



**800-226-7557**