

Polestar specializes in risk reduction and liability solutions with a focus on cleanup of high-hazard work environments to safely accelerate progress and reduce long-term costs.

Every challenge is unique; your success is our priority

Polestar brings a full-service lifecycle approach to clean-up with proven processes, tools and people to make the vision real.

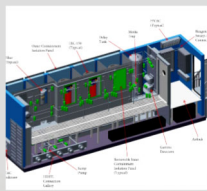
- Subject matter experts to develop, implement and verify critical technical approaches and programmatic functions
- Defensible processes and tools for a systematic and consistent approach
- Project management to start and keep projects on track

Our Hanford experience includes C, D, DR, F, H, KE/KW and FFTF reactors; PUREX, B Plant, PFP, REDOX, Low Level Burial Grounds and ERDF; River Corridor Facility Demolition and Field Remediation projects; Tank Farms and WTP.

Polestar draws on a wide variety of disciplines in start-up, surveillance, operations, engineering, decommissioning, remediation, environmental, nuclear safety, emergency preparedness and waste management to support projects.



Readiness



Modeling and Analysis



Subject Matter Experts

OUR NAICS CODES

- 541330 – Engineering Services**
- 541611 – Administrative Management and General Mgmt. Consulting Services**
- 541618 – Other Management and Consulting Services**
- 541620 – Environmental Consulting Services**
- 541690 – Other Scientific and Technical Consulting Services**
- 541990 – All Other Professional, Scientific and Technical Services**
- 561320 – Temporary Help Services**
- 562910 – Remediation Services**
- 611430 – Professional and Management Development Training**



Delivering Risk Reduction and Liability Solutions for the Tank Operations Contract

Supporting the mission to reduce the risk to the environment posed by Hanford's 56 million gallons of highly radioactive and chemical waste stored in 177 underground tanks until its ultimate transformation to glass.



Helping our clients achieve excellence since 1992



Proven processes and tools to support key mission objectives



Subject Matter Expertise

- **Design and Operability Support**—Provide SMEs to conduct a design and operability study of the Low Activity Waste, Pretreatment and High Level Waste facilities at the WTP.
- **One System Commissioning and Pre-Operations Planning**— Technical and engineering services for joint readiness of WTP and TOC facilities for hot operation.
- **WTP Parts Acquisition Support** — Identify, develop and implement strategies for WTP parts procurement processes; including parts optimization and cost reduction studies
- **DFLAW Readiness Support** —SME input for operational research modeling documentation and startup, readiness and commissioning activities.
- **WTP Performance Assurance**—SME to implement WTP Performance Assurance Program and prepare, conduct and document assessments and conduct a deep dive system design assessment to verify safety basis and contract requirements.
- **TSCR Shielding Analysis** - MCNP modeling and shielding analysis and dose rate calculations for the TSCR IXC design.
- **Independent Review** — SME support for startup and commissioning on the DOE-HQ External Independent Review team of the WTP and proposed change request BCP-02.
- **DFLAW Staffing Review**—Independent review WTCC organizations during commissioning to determine adequacy of planned staffing needs.
- **Dangerous Waste Training Plans** — Coordination, revision and update of the following plans:
 - Double Shell Tanks
 - Single Shell Tanks
 - Liquid Effluent Retention Facility/ Effluent Treatment Facility
 - 222-S Laboratory

Processes and Tools

- Organizational development and leadership teambuilding for the WRPS Maintenance organization.
 - 373 personnel surveyed
 - 6 workshops conducted
 - Detailed analysis and improvement plan



*We deliver excellence;
fine isn't good enough*

Polestar is registered with the Small Business Administration as a Women Owned Small Business



Polestar owners from left to right; Kathy Miller, Patty Bailey, Bill Bailey

CONTACT US

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