

BACKGROUND:

SCG Remediation Services was invited by a long-time client and well-established environmental contractor, to participate in a proposal for a large global uranium provider, and nuclear fuel supplier, looking to replace an existing water treatment system for VOC impacted water.



Industry:
NUCLEAR



CHALLENGES:

- Maintaining effective communication at all times with a team of 10 end-user engineers and project managers..
- The new system had to be designed to connect to existing infrastructure and power supplies.
- Sourcing and supplying controls and equipment aligned with stringent standards laid out by the nuclear fuel-making industry, maintaining budgets, and timing. (Post-pandemic)

Equipment included:

- An inlet manifold designed to connect to existing infrastructure.
- Equalization tank
- Air stripper
- Antiscalant chemical feeding system
- An OSHA-approved eyewash and shower c/w OSHA-approved hot water heater.
- A power distribution and system control room.

**Project Approval:
August 2021**

**Construction Ended:
November 2023**

**Construction Started:
March 2023**

**Unit Deployed:
February 2024**

**SUCCESSFUL TEAM EFFORT
No Room for Error**

