

Statement of Qualifications – Project Profiles

Project: Engineering and Design Support, Numerous Uranium In-Situ Recovery (ISR) Central Processing Plants (CPP), Wyoming

Services Provided: Facility Design

TREC provided engineering and design support services for several proposed uranium ISR plants and processing facilities in Wyoming. The facility includes ion exchange (IX), elution, precipitation processes and drying for production of up to 2 million pounds of “yellowcake” per year. The TREC team utilized a two-pronged approach including the management and use of task-specific experts for each component of the design of the facility.



SERVICES PROVIDED:

- Facility Design
- Specifications and Drawings
- Technical Support
- Structural Construction Documents
- Construction Administration (pending plant permit approval)

Piping and instrumentation diagrams (P&ID) for the facilities were generated by TREC engineers and TREC managed the electrical and instrumentation (E&I), structural, laboratory and HVAC design work for the facilities and worked closely with the client(s) during all stages of the design. TREC staff also generated specifications for building, construction, equipment, pumps, tanks, process control, mechanical, structural and electrical control. During facility construction, TREC may provide either construction management or general contractor services. TREC has the experience to verify general conformance with structural construction documents. TREC developed performance specifications that were provided to several steel building and tank vendors for pricing and associated structural/safety/ventilation design, and assisted the client in reviewing and approving the submittal(s). This approach significantly reduced design costs and expedited the design process.