

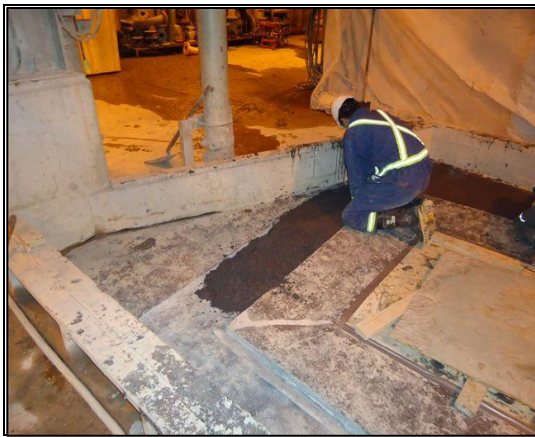
SAUEREISEN



PROJECT PROFILE



Key Lake Uranium Processing Facility



Autoclave Area



Basement Area

Project: Key Lake

Location: Saskatchewan, Canada

Owner: Cameco

Engineer: Wardrop Engineering

Applicator: Tron Construction

Sauereisen Representative: Solhydroc, Inc.

Products:

- No. 228 – ConoGlaze Epoxy NovolaK
- No. 89 – High Temperature Membrane
- No. 54SG – Acidproof Concrete, Structural Grade
- No. 265 – Epoxy NovolaK Polymer Concrete

Method of Application: Pour & Place

Environment / Exposure:

Solvent Extraction Sulfuric Acid Solution from Uranium Ore and Tailings Processing

Project Details:

- Refurbishment of slopes, floors and curbs in various areas throughout the plant where new stainless steel sumps were being installed.
- Autoclave Area – repaired with High Temperature Membrane No. 89 and 2-4 inches of Acidproof Concrete No. 54SG anchored with wire mesh due severe slopes. This area will see elevated temperatures of potentially 300°F.
- The balance of the remaining areas around the sumps were repaired with Epoxy Polymer Concrete No. 265 at 2-4 inches top coated with 8-12 mils of No. 228 for ease in clean-up after spillage.