

Cogema Resources – McClean Lake Ucrete Installation

STRUCTURE: Flooring
 LOCATION: Cogema McClean Lake Uranium Mine
 PROJECT DATE: Summer 2001, Winter 2001, Winter 2002
 JOB DURATION: 3 – 10 day Shutdowns
 CLIENT CONTACT: Brian Doell
 AREA: Floor – 34,458 ft²
 Vertical – 6,164 ft²
 CONTRACTOR: Vector Construction Ltd.
 Saskatchewan Branch



Existing Concrete Condition



Existing Plant Conditions



CCD Area

Ucrete HF Installation Completed

PROJECT DESCRIPTION:

Problem: Concrete floor, vertical Containment walls and equipment bases deteriorating from chemical attack.
 Chemicals Involved: Sulfuric Acid, Ammonia Sulfate, Various Amines, and Kerosene
 Procedure: Surface Preparation – High Pressure Water Blast
 Patch any deep repair areas with Thoroc 1060
 Trowel apply Ucrete HF Gray at 1/4" thickness on floor
 Trowel apply Ucrete WR Gray at 1/8" thickness vertical surfaces



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