

Power Company Secondary Containment Repair



PROBLEM

A major power company required a recommendation for the right coating and surface preparation procedures to assure them a long-time performance of their secondary containment system (50% caustic and 93% sulfuric acid), since their current coating was deteriorating. They selected USI for this recommendation.

SUBSTRATE

Concrete

PRODUCTS USED

[RESICHEM 576 Quartz Screed](#)
[RESICHEM 505 Damp Seal](#)
[RESICHEM 511 UCEN](#)

SOLUTION

One of USI's AMPP inspectors was on site for the entire project.

First, we started with completing a coating survey to find out the chemicals involved and operating temperatures.

Assessing the concrete, we decided to fix the cracks with [RESICHEM 576 Quartz Screed](#) to repair the deterioration.

The we primed the concrete with [RESICHEM 505 Damp Seal](#) before applying two coats of [RESICHEM 511 UCEN](#) for chemical resistance. We used two different colors to ensure that the first layer was covered.