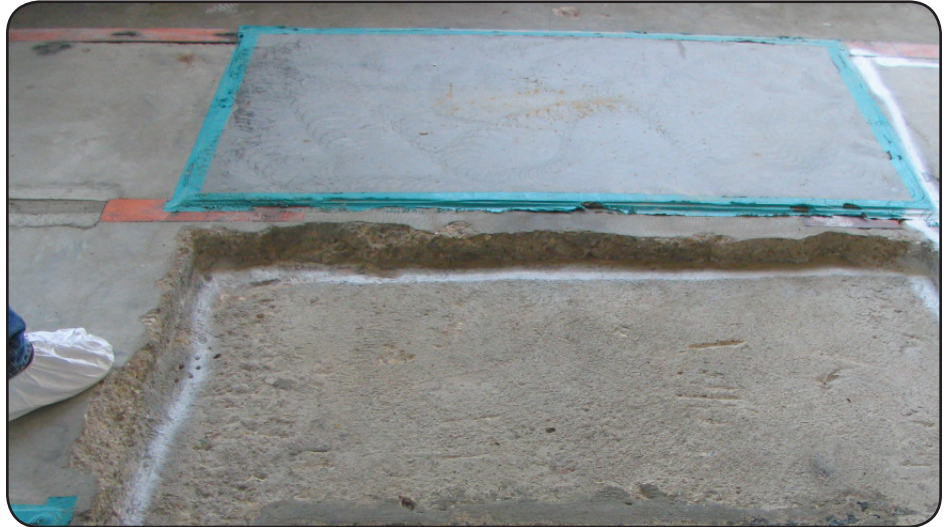


Project Brief

Austin Energy PCB Remediation



Austin, TX, USA



With abandoned power plants being in prime real estate locations throughout the country, change in use of these facilities has become a lucrative venture for many developers.

The removal of PCB contaminants is the hindering factor allowing occupancy and construction to occur. PCBs and mercury are by-products left over from when the plants were operational. Over time, these oils leaked on and penetrated the existing concrete and saturated to varying depths.

After proper remediation using 40,000-psi hydro-blasting and concrete scabbling, the PCB contaminants were removed from concrete columns, walls, ceilings, and piping. The concrete voids were filled with an epoxy based mortar with a dye additive to warn others that the concrete was contaminated.

To further insure the PCB contaminants would not leach through in the future, a Tyfo fiber reinforced epoxy encapsulation was installed. After the Tyfo® FRP was installed, the composites were painted with a yellow and red paint to advise future tenants of the areas of previous contamination under the composites. The new tenant can place any type of flooring over the remediated areas.

Work on the project was performed by Delta Structural Technology, Inc., based out of Houston, Texas.

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