



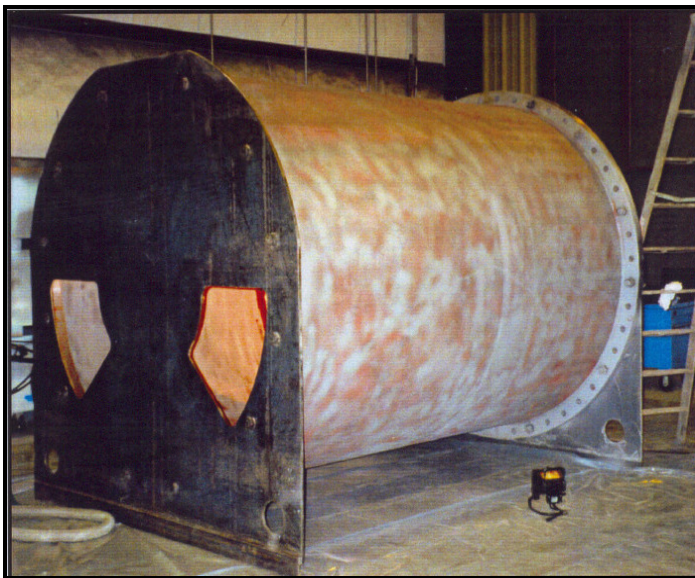
Unconventional Solutions, Inc.

Experts in Repair and Protective Coatings

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Project: Intake Pump Housing Refurbishment



The Problem

The intake pump at this fossil fuel plant had become badly cavitated due to years of service in a salt water environment. The client sought a solution which would protect the pump both inside and out, but not affect its efficiency.

The Solution

The surfaces to be coated were abrasive blasted with angular grit and then left to allow all of the salt contaminants to bleed out of the metal. The surfaces were then re-blasted to remove any residual salt contamination and create a profile.

The interior of the pump was coated with our resurfacing and lining system, **USI Ceramic Lining FG**, as it offers superior resistance to salt water and provides a low friction surface.

