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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.

### 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, Cerami-Tech CR, as it offers superior resistance to salt water and provides a low friction surface. As the pump is normally submersed in salt water, its exterior was coated with Chemi-Tech EP to protect the pump against chemical attack from aqueous chemicals.



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