



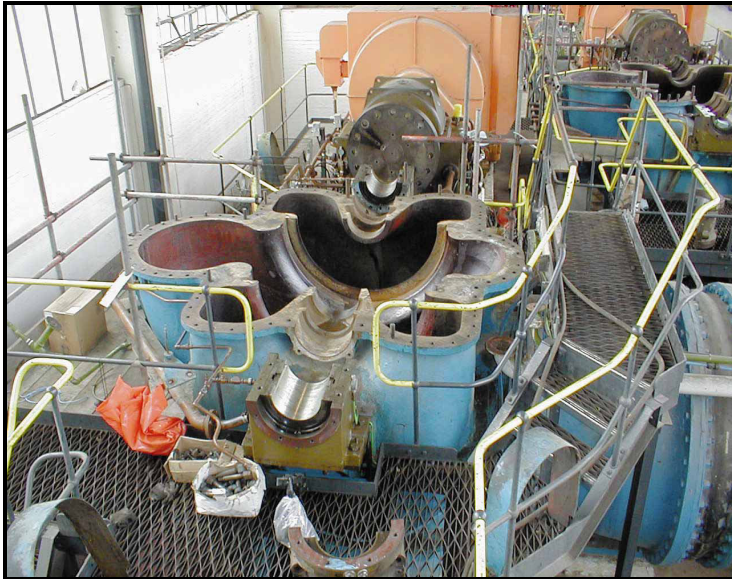
Unconventional Solutions, Inc.

Experts in Repair and Protective Coatings

MI 248.735.7000 | OH 937.704.4220

www.USIgroups.com

Project: Pump Refurbishment



The Problem

A cold water pumps at a coal-fired power station had been earmarked for refurbishment after a routine maintenance inspection due to heavy “wear and tear” that it had been subjected to over many years of use.

The client sought a high performance coating that would protect the pump, but not affect its efficiency.

The Solution

The surfaces of the pump to be coated were abrasive blast cleaned to a minimum industry standard of NACE Grade 2 prior to the application of two coats of our solvent free ceramic epoxy coating.

USI Ceramic Lining FG in contrasting colors grey and blue was applied to ensure thorough application and complete coverage.

USI Ceramic Lining FG provides a smooth, low friction finish as well as optimum levels of physical and mechanical strength, and superior resistance to erosion and corrosion. It is ideal for use as a resurfacing and lining system in fluid environments.

