

California Power Plant Salvages Main Cooling Water Inlet Pipes with a CeramAlloy Pipe Wrap System



The engineers at this large power station in California identified a serious problem with their two main cooling water inlet pipes which were severely corroded due to many years of operation in a coastal marine environment.

They did not want to shut down the plant for an expensive and time-consuming replacement procedure.

They contacted their local ENECON Fluid Flow Systems Specialist and she recommended repairing and reinforcing these pipes by utilizing a specialized pipe wrap procedure developed by ENECON.

After first grit-blasting these 4-foot diameter pipe sections, any serious corrosion

damage - including a number of actual holes in the pipes – was first repaired with DurAlloy and metal plates.

A layer of **CeramAlloy CL+AC** was then applied over the entire pipe section followed by a spiral wrap of a special reinforcement fabric. This was then completely encapsulated by an additional two layers of CeramAlloy CL+AC to complete the pipe wrap system.

This procedure was completed in just a few days and at a fraction of the cost that would have been incurred to replace these large pipe sections.

