

Spanish Nuclear Plant Uses CeramAlloy to Repair & Protect Cooling Tower Pumps



An important Nuclear plant in Spain had been experiencing erosion and corrosion on four pumps that supplied water to their cooling towers.

Initially, the plant management team was going to replace all four pumps. The ENECON Ibérica Fluid Flow Systems Engineering team recommended that the plant repair and protect one pump to see if it met their expectations.

To repair the pumps the surfaces were grit blasted.

CeramAlloy CP+ was first applied to repair any damaged areas. That was then followed by an application of CeramAlloy CL+ for protection against further erosion and corrosion.

The plant engineers were so pleased with the outcome of the first pump and its durability, they agreed to have the remaining 3 pumps repaired and protected. The recommended ENECON Ibérica solutions eliminated the need to replace the pumps, saving the plant thousands of Euros.

