ENECON NEVIS



CeramAlloy Repairs and Protects Wicket Gates at Spanish Hydroelectric Power Station







One of Spain's Upon review of largest hydroelectric power stations was experiencing erosion and corrosion on its turbine wicket gates.

Upon review of situation, it was recommended to the erosion dam (pitting) on the wicket gates be turbine wicket gates.

The station's followed by two engineers attempted to solve this problem by welding, but to no avail.

Erosion damage was returning and deeper than before.

Ceramalloy CP+AC, followed by two coats of CeramAlloy CL+AC.

Problem by welding, but to no avail.

After the turbine wicket gates were repaired and resurfaced, the

The regional surface that is more ENECON Ibérica erosion and Fluid Flow Systems Specialist was approached about a better, long term solution. surface that is more erosion and corrosion resistant than the original metal.

Upon review of the situation, it was recommended that the erosion damage (pitting) on the wicket gates be rebuilt with CeramAlloy CP+AC, followed by two coats of CeramAlloy CL+AC.

After the turbine wicket gates were repaired and resurfaced, the result was a smooth surface that is more erosion and corrosion resistant than the original metal







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