

## METALCLAD CeramAlloy CP+AC Repairs Pitting and Corrosion on Hydroelectric Dam Tainter Gates

Client: U.S. Army Corps of Engineers (USACE)

Location: Dam and hydroelectric plant in the Eastern U.S.

Problem: Severe corrosion and pitting on the dam's 10 Tainter gates.

Solution: After grit blasting, traditional repair methods consisted of 'puddle welding' the pitted areas. **CeramAlloy CP+AC** was used instead of welding to repair the corrosion damage. A standard multi-coat vinyl marine paint system was then applied to by the on-site contractor to comply with the USACE's specifications.

Savings: Welding repairs cost in excess of \$200,000 per gate. Using **CeramAlloy CP+AC** saved the USACE over \$150,000 per gate.

