



Power Station Brings Salt Water Circulating Pump Back to Life

This utility in the northeastern U.S. reclaimed a damaged salt water circulating pump using METALCLAD CeramAlloy and some outstanding repair techniques.

The pictures below illustrate the 'imagineering' that was employed to repair the eroded stationary guide vanes and then resurface the entire component.



The severely eroded vanes were cut away.



A threaded rod "skeleton" was installed by tack welding to the already cut vanes.



A heavy wire screen was welded onto the rods to provide reinforcement for the CeramAlloy.



CeramAlloy CP+AC used to rebuild the vanes to their original size.



CeramAlloy CL+AC used to coat all surfaces.



The completed component ready for service.

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