



Power Plant Repairs Manhole Access Covers On Main Cooling Water Intake Lines With CeramAlloy, CHEMCLAD And Some “Imagineering”.



These two concrete manhole covers over the power station's main cooling water intake lines were in very poor condition. It was impossible to keep these sealed. So much water was leaking through the covers that sump pumps had to be used constantly in order to keep the pit from filling up with water.

The plant engineers turned to ENECON North East for help. The following proposal was submitted and approved. This \$20,000 project was completed in just a few days to rave reviews by the plant personnel.

“The concrete areas where the manhole covers and the pipes meet are in very poor condition.

New steel necks - larger than the O.D. Of the concrete flanges - will be fabricated. The new steel necks will slip over the existing concrete flanges and will be bonded to the concrete using ENECON CeramAlloy CP+AC. The CP+AC will be used to fill in the areas around the neck insuring a complete bond and seal to both the steel and the concrete...

The concrete surfaces will be abrasive blasted to create a suitable anchor profile for bonding. All steel surfaces will be grit-blasted to an SSPC SP-10 (near white metal) finish with a 2-3 mil profile. All prepared metal and concrete surfaces will receive a final two-coat layer of ENECON CHEMCLAD SC...”

