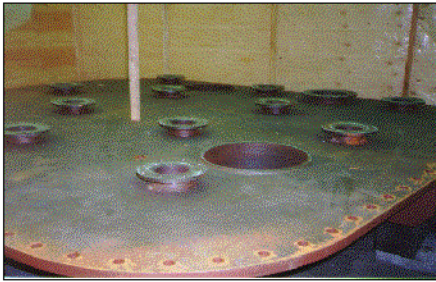


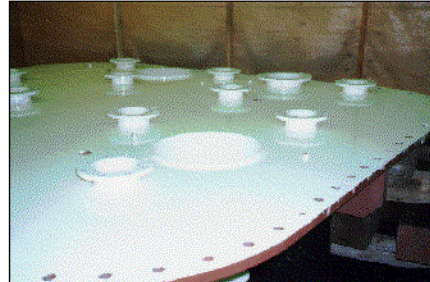


WATERBOX RESTORATION

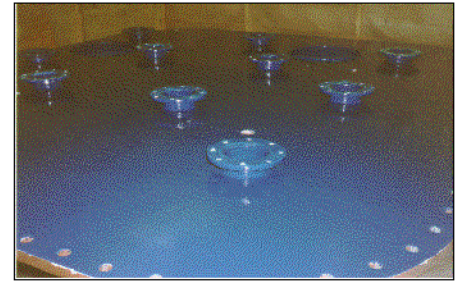
CASE HISTORY #026 REV.04-97



White metal-blasted waterbox cover



Primed with ARCOR™ S-30 Prime



Top coat with ARCOR™ S-30

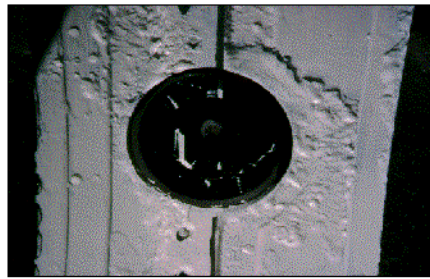
ARCOR™ protective coating system was installed at the manufacturer's facility. Waterbox was new and specified ARCOR™ coatings prior to being put in service. Entire waterbox was abrasive-blasted to White Metal (SSPC-10) and then primed with ARCOR™ S-30 Prime. A layer of ARCOR™ S-30 Blue was then applied as a top coat. Total protective coating system resulted in a film thickness of 40 mils.

CAST IRON INTAKE VALVE REPAIR

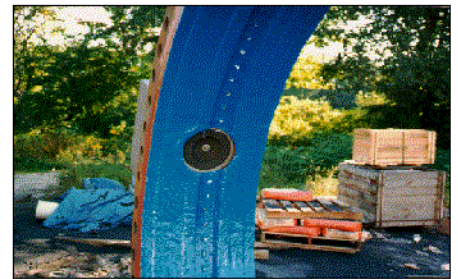
CASE HISTORY #027 REV.04-97



Valve body surface ready for coating



ARCOR™ S-16 Primer coat

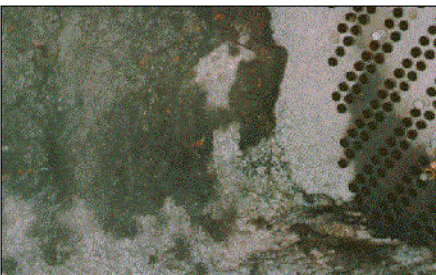


Unit with ARCOR™ S-16 Blue top coat

Cast iron salt water intake valve body badly eroded and corroded after years of service. Surfaces were abrasive-blasted. A base coat of ARCOR™ S-16 was installed. ARCOR™ TS-RB was then applied by squeegee to fill the voids left by the aggressive corrosion. A top coat of ARCOR™ S-16 Blue was applied by brush building the dry film thickness up to 30 mils. Coating thickness was as much as one half inch in areas of deep pits.

CAST IRON WATERBOX REPAIR

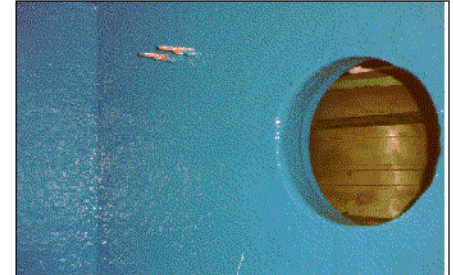
CASE HISTORY #028 REV.04-97



Corroded surface inside waterbox



Abrasive-blasted interior



Top coat of ARCOR™ S-30 Blue

Main condenser cast iron waterboxes were experiencing corrosion and metal loss in salt water service. Metal loss was severe adjacent to the Muntz Metal tubesheet where dissimilar metals set up a galvanic cell. A three-step coating system was installed to protect the cast iron substrate from further corrosion and erosion damage. The ARCOR™ system provides a barrier to protect the substrate from the salt water and acts as an insulator to eliminate the galvanic cell.