



HYDRAWRAP

STRUCTURAL COMPOSITE REPAIR SYSTEM

Market

Power Plant

Challenge

A leak had formed in a 3' x 6' concrete tunnel joint inside a cooling tower at a power station. A repair was needed that could be installed during a short break in operations at the power station.

Engineered Solution

It was decided that HydraWrap® Carbon Fiber Structural Repair would be used to wrap the interior of the leaking joint.

Scope

The joint was cleaned, prepared and the HydraWrap® System was applied. The crew and all materials were able to enter through an existing manhole and were able to complete the system installation within the work window provided by the station.

Solution

The HydraWrap® system provided a barrier to contain water within the tunnel during plant operations. It prevented leakage and further erosion to the joint and surrounding areas.



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