



HydraWrap® (Fiber Reinforced Polymer)

Market

Hydroelectric Plant

Challenge

The challenge was to structurally reinforce fourteen defected areas of piping at the penetrations to the bulkheads

Engineered Solution

The solution was to utilize the HydraWrap Structural Composite Repair System to reinforce the pipe wall and penetrations.

Scope

The piping had been in operation for over 30 years and had several degraded areas. The project included pipe replacement and structural repairs to the cooling water pipe system. Pipe replacements were performed on accessible piping. HydraWrap pipe wraps were used at pipe penetrations.

Solution

The HydraWrap system was installed per HydraTech procedure on both 8" and 10" pipe penetrations. The surface was prepared according to NACE specifications and the HydraWrap system was designed according to ASME PCC-2 to reinforce the pipe wall to design conditions.



HYDRAWRAP
STRUCTURAL COMPOSITE REPAIR SYSTEM

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