



HydraTite® Internal Joint Seal

Market

Power

Challenge

Repairs were required to four 77.5-in circulating water box expansion joints and two circulating water pump expansion joints.

Engineered Solution

The HydraTite seal was proposed as a solution.

Scope

Engineers walked down the project to review drawings and system operating parameters. They provided the solution to utilize the HydraTite Seal with three two-piece 316L stainless steel bands, an extra wide HydraTite seal and a 16 gauge stainless steel backing plate to provide an internal slip joint repair.

Solution

The crew and all materials entered through an existing manhole and were able to complete the system installation within the work window providing significant savings over traditional replacement of the expansion joints.



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