

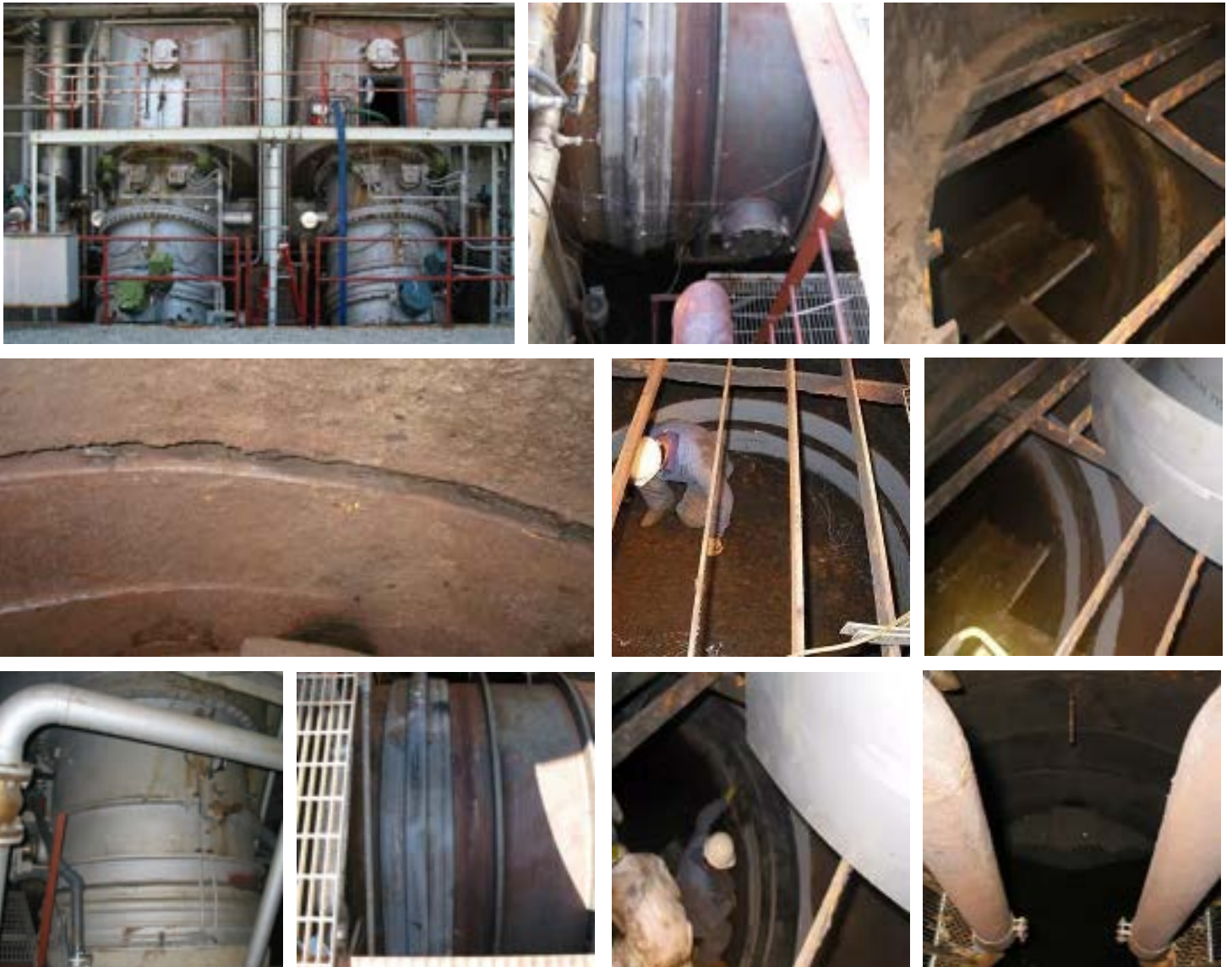
Market
Power

Challenge

Four 77.5-in circulating water box expansion joints and 2 circulating water pump expansion joints needed repair.

Engineered Solution

The HydraTite® seal was proposed as a solution. HydraLine was to be applied prior to the seal's installation.

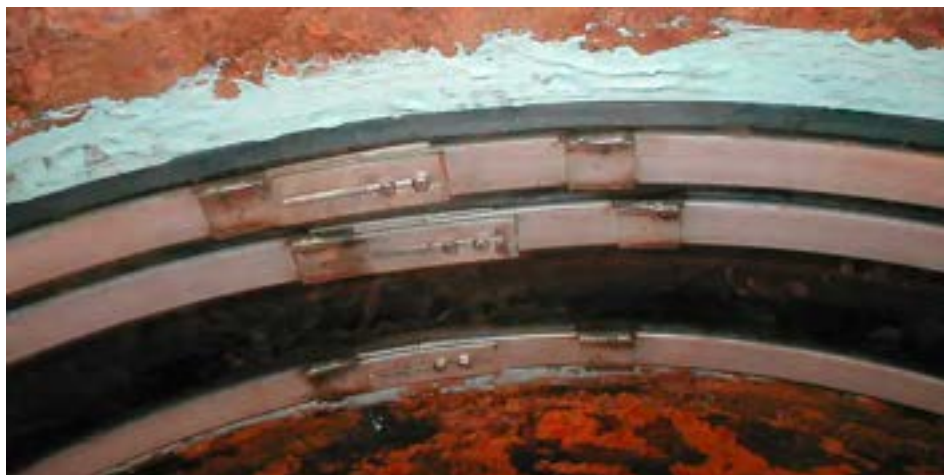


Scope

Engineers reviewed drawings and system operating parameters. They provided the solution of utilizing the HydraTite® seal with 3 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. Prior to the seal's installation, HydraLine was applied to the interior surface of the pipe near the joint to create a unified and smooth substrate.

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.



HydraTech Engineered Products, LLC
HydraTech Field Services, LLC
10448 Chester Road, Cincinnati, Ohio 45215
Phone: (513) 827-9169 Fax: (513) 827-9171
<http://www.hydratechllc.com>

