ENECON® NEWS

MT-127

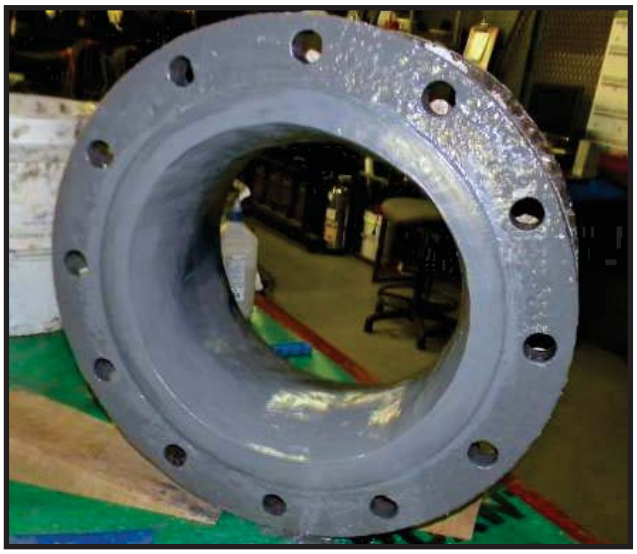
Nuclear Power Station Saves Over $20,000 Repairing Deteriorated Spool Piece with CeramAlloy

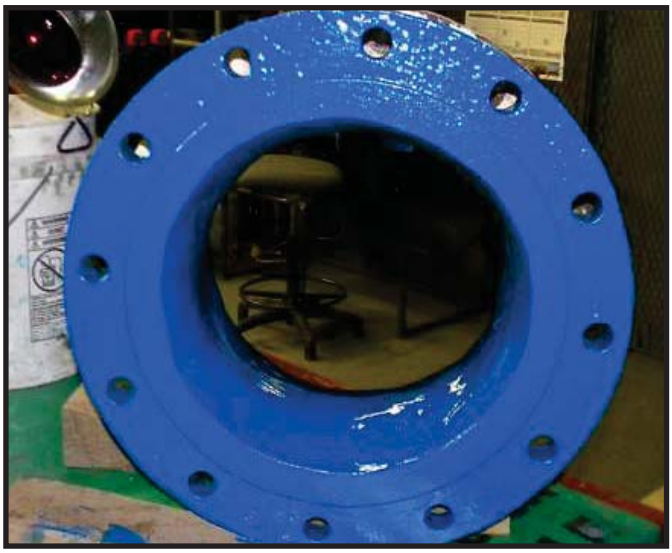
The component is a 14" diameter, cement lined, spool piece that is mounted between a large strainer and an isolation valve on the service water system at a nuclear power station. During a refueling outage, this spool piece was removed to allow for maintenance on an adjacent component. The deteriorated condition of the piece was unexpected. The cement lining was severely eroded as were the inside diameters of both the inlet and outlet flanges.

The facility needed to get the piping system back into service as soon as possible. It was determined that fabrication of a new pipe spool would require over a week to accomplish and, due to the time pressure, the cost would exceed $25,000.00.

The onsite ENECON Northeast service team, was asked to accomplish abrasive blasting of the component so that plant engineers could make an assessment of the true condition. Once the spool piece was determined to be structurally sound, ***METALCLAD CeramAlloy CP+*** was used to rebuild the spool lining and damaged flanges and ***METALCLAD CeramAlloy CL+*** was used to totally encapsulate the surfaces exposed to the brackish river water.

The spool piece was ready for re-installation just two days after removal at a fraction of the cost estimated for replacement - an excellent example of the practical benefit of "Repair don't Replace"!





PROENECON SYSTEMS, S.A.· C/ Electricitat, 6. Pol. Ind. La Torre · 08760 - MARTORELL. Barcelona.
·Telf: 93 211.15.30 · Fax: 93.253.11.31
Website: www.proenecon.com · Email: eneconib@proenecon.com