



Enecon North East News
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DuraWrap



Vol 7 Issue 11
"Tis the Season" for Chiller Maintenance



Vol 7 Issue 10
Coated Impellers Look Like New After 10 Years In Salt Water Service

Enecon Corporation Announces New High Temperature Coatings
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CeramAlloy HTP



CeramAlloy HTL

A Utility 30" Salt Water Line Repaired Using Carbon Fiber



At a Northeast Power plant has a 30" main salt water inlet line that ruptured requiring an emergency outage and shutdown. The facility turned to the **ENECON** emergency response team to provide a proposal for the preparation and application of the **DuraWrap Carbon Fiber encapsulation system** that would externally reinforce the 30 inch diameter salt water service line. The facility was concerned with the condition of the pipe, and if it failed it could force a long shut down to replace the pipe.



ENECON Northeast APS abrasive blasted the external surfaces of the pipe to achieve at minimum an SSPC-SP6 (commercial blast) and applied the **ENECON DuraWrap carbon fiber reinforced pipe wrap system** on approximately 40 SF of the pipe area.

The actual holed area was repaired using a steel plate bonded over the leak location using **ENECON DurAlloy** as a "cold weld" process. This was followed by the application of **ENECON DuraWrap, carbon fiber reinforced pipe wrap system** applied for several feet on either side of the leak location for a total application of approximately 4 linear feet. Heat was applied for 24 hours and the salt water line was returned to service. The final result was a significant saving to the facility and they were able to start operation again within 48 hours.



CONTACT US TODAY TO LEARN MORE ABOUT OUR UNIQUE PRODUCTS AND SPECIALIZED PROJECT SERVICES

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