

## Severely Corroded Forty-Eight Inch Main Condenser Power Plant Intake Pipe Was Repaired With METALCLAD DuraWrap

**Problem:** This 48" salt water intake line for a main condenser at a Northeastern U.S. power plant was severely corroded, and its structural integrity had been compromised.

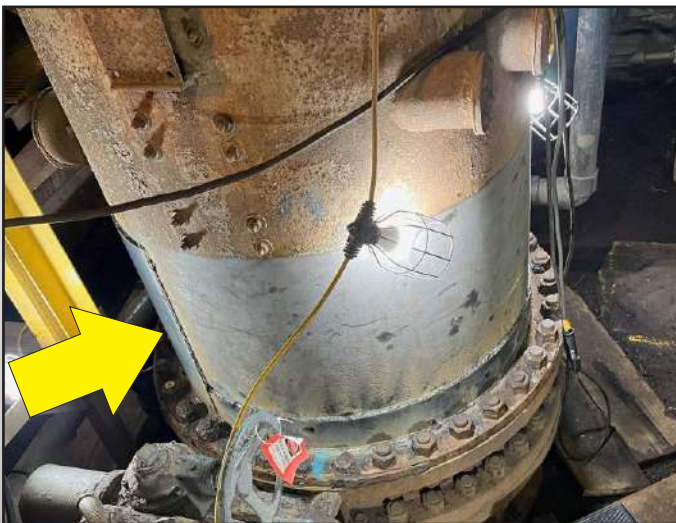
**Solution:** After inspection by the local ENECON Distributor, a METALCLAD DuraWrap Carbon Fiber Pipe Wrap System was recommended for the repair.

The pipe was grit blasted and repaired by bonding and strapping a metal plate to its severely damaged areas with CeramAlloy CP+AC. The DuraWrap Primer was used to fill any surface imperfections. This process provided a smooth, stable surface to which the carbon fiber wrap could adhere.

The plant maintenance engineers were so happy with the result that four more intake pipes are set to get the same application.



Damage exposed after grit blasting.



CeramAlloy CP+AC is used to bond the plate.



DuraWrap completes the repair.

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