

DuraTough Solves Vacuum Leak Problems on Main Steam Condenser at Major Power Plant

This large power station located in the Northeastern United States experienced serious air leakage in their main steam condenser. The source of the leaks was traced to the tube sheet to shell to hot well sandwich joints located where the inlet and outlet water boxes are bolted to the tube sheets/condenser shell.

The ENECON Northeast Engineering Team proposed to prepare the face of the bolted joints by

abrasive blasting to remove rust and provide for the best possible adhesion of the DuraTough DL system.

DuraTough Primer was applied, followed two coats of DuraTough DL with a fiberglass reinforcing mesh incorporated into the DuraTough DL.

Approximately 1/8 inches of DuraTough was applied to provide complete sealing to the joints.

