

CeramAlloy Saves the Day for Transit Authority

The electricity for the switch controls of the transit authority of a major US city is generated by a small, two generator power station dedicated to this task. If both of the generator systems are out of service at the same time, the city's entire transit system comes to a screeching halt.

The frequency air coolers for one of the generators were found in desperate need of repair due to erosion/corrosion damage from the brackish water used for cooling purposes. It was imperative that the work required by this unanticipated outage be carried out immediately and that the entire project be completed as quickly as possible.

Already familiar with their responsiveness and willingness to do "whatever it takes" to get the job done, the utility immediately turned to Bob Barr and the ENECON North East Engineering Team - who were on site in a

matter of hours to provide the necessary materials, services and expertise to tackle the project.

The air coolers consisted of a total of 16 separate tube sheets and end covers. Some of the end covers were so badly eroded/corroded that they literally fell apart during the removal process. New covers had to be fabricated in a hurry!

One of the metal fabrication shops sometimes used to support the Team's efforts was alerted and, with both the "on-site" Team and the shop working 'round the clock, all 16 tube sheets and water boxes (both new and rebuilt) were protected with CeramAlloy and returned to service.

In the words of one of the engineers on site, this entire **\$80,000 project** was accomplished in a turn-around time that could only be described **as incredible!**

