

ENERGY/ELECTRIC POWER CASE STUDY

PROBLEM:

RMF Nooter won a competitive bid to repair the plant's Unit #1 Economizer Tubes, replace the Reheat Inlet and Out Pendants, install a new Boiler Steam Safety Valve and upgrade the existing Vent Stack. In the electric utility industry, as with most, time is money. The schedule for the return of Unit #1 became a critical requirement for the customer.

SOLUTION:

The RMF Nooter team decided to use the technology of mobile orbital welding. This technique helped meet the time and quality requirements of the project schedule. In the hands of RMF Nooter's skilled craftsmen, the orbital welding equipment was used to perform both horizontal and vertical TIG

welds where there was limited access. This process gave our team the ability to perform over 100 -2½ in. diameter tube welds. This included the welding of new tubes to existing old tubes.

RESULTS:

Tube welds done by a skilled craftsman using the mobile orbital welding technique average 20-25 minutes each, resulting in 18 welds per day, tripling productivity. RMF Nooter was able to tighten up the schedule and the return-to-service date while improving the quality of the welding on-site.

Welding Engineer:
Richard De La Cruz, Jr.

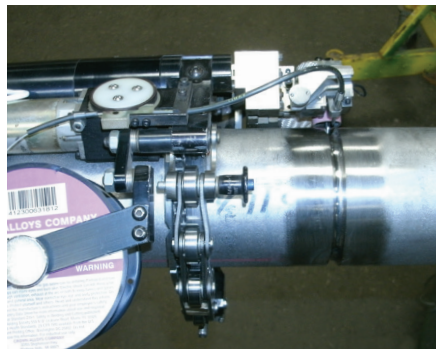
**RMF Nooter
Project Team:
Construction
Manager:
Anthony Parasiliti
Quality Manager:
Benjamin Robinson**

Richard shared with RMF Nooter that he was pleased with RMF Nooter's use of the orbital welding machine.

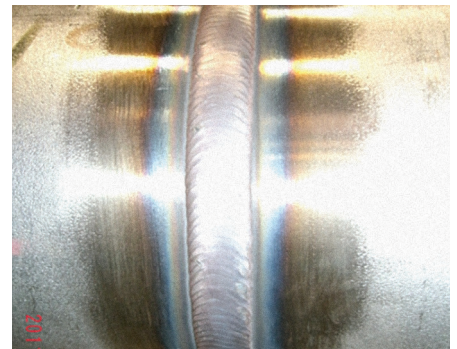
"I really appreciated the fact that RMF Nooter had the knowledge and skilled craftsmen to apply state-of-the-art technology and quality to this project."



As Found



Examples of the Technology



Examples of the Technology