Anytime. Anywhere.

D.L. Ricci Corp. Case Study #324

"On-Site Engineering"

Set-Up:

- What do you get when you add short notice, machining on a weld overlay in a nuclear reactor facility and cuts on super tough Alloy 52 Steel (chrome and nickel)... ...you get a typical D.L. Ricci Machining job
- D.L. Ricci staff new the job was ours and could happen anytime but when the call came, it was "We need you now!"
- The work required two different machining jobs a nozzle overlary over axial lengths of land

Plan:

- This was a new type of machining job for the contractor who hired D.L. Ricci Corp.
- The original scope of the project had 12 staff proposed, but 6 Ricci Field Machininsts (one of them was Chad, our field engineer) were able to do the job with some vendor assistance
- A D.L. Ricci Axial feed Module attached to a MS Clamshell was the reccomended choice to do the machining

Operation:

- D.L. Ricci Field Staff along with Field Engineer Chad arrived at the Pennsylvania Nuclear Plant and set-up the machining in the hot area
- The width of the 32" overlay and the toughness of the steel proved too tough for the Axial Feed to handle.
- Our field engineer Chad determined that the MS-JTL machine could do the job and after some very precise measurements, the machine fit and worked great

Results:

-The Ricci field team achieved a finish so smooth that the normal buffing that follows jobs of this type was determined not to be necessary

- Field Engineer Chad Peterson summed it up, "The machining went faster then planned and the tolerances were well within the our expectations. The D.L. Ricci crew did outstanding work and the customer was very happy."