

ProCast Gets Power Plant Back On-Line

The 60" Foster Wheeler Circulating Water Pump at a midwestern power generating facility had been vibrating excessively. However, the plant had hoped it would continue to operate through the sum-

mer without having to take the pump out of service during peak power generating periods. As luck would have it, on June 22 the pump failed. The plant was forced to take offline one of two large vertical circulating water pumps at the worst possible time of the year.

Cleveland Pump Repair, the service contractor, contacted ITT ProCast and advised that they needed a replacement impeller in three weeks.

As you can see from the photograph, the old bronze impeller was severely worn. ProCast received the old impeller at their foundry/pattern operation in Cullman, Alabama on June 30. Working through the 4th of July weekend, the impeller was completely re-manufactured. The pattern was quickly completed, thanks to our skilled team. Immediately after the pattern completion, the impeller was poured in 316 SS.

The impeller was then shipped to our production machine shop in Zachary, Louisiana where it was machined, balanced and shipped within the three week required time.

Cleveland Pump Repair advised the pump has been installed and successfully started up on August 1. The customer was very pleased with the quick turnaround and the pump's performance.



Impeller being keyed during the machining phase.

For more information
please go to
procastparts.com



One of two tractor trailers required to deliver the repaired pump to the power plant.



(3) week turnaround on this 60" Foster Wheeler Circ Water Vertical. Right is the old bronze impeller. Left is the new 316SS impeller.