



POWER GENERATION

Services Add Up to Savings, as Garratt-Callahan Delivers a Power Plant Solution That Works Better for Less

Problem

At a power plant in the Midwest, too many products and too little service added up to persistent water treatment problems. The maintenance staff was adding six different treatment products to the boiler systems – in effect, using chemicals to counteract other chemicals – and yet the supplier visited only about three times a year. Maintaining the chemicals at proper levels on a consistent basis was difficult and time-consuming. Not surprisingly, the program simply wasn't working, as the plant's boiler tubes were not as clean as they should have been.

Solution

The first change Garratt-Callahan implemented was to conduct monthly visits at the power plant. Soon the Garratt-Callahan engineers were able to replace the water treatment program in place with a simpler regimen of four products that were easy for maintenance staff to maintain at proper levels. Once the program was put in place, the feed rates never changed unless some kind of upset occurred in the system. Monitoring showed that the boiler tubes cleaned up rapidly, and an annual inspection revealed very little sludge in the mud drum.

Results

With the Garratt-Callahan program, the power plant has reduced its water treatment costs by 20 percent, or \$5,000 per year – not to mention the time employees save with Garratt-Callahan's stable, simple-to-manage water treatment program.

Conclusion

Better results from a simpler, easier-to-manage program that also costs 20 percent less – that's the definition of cost-effective water treatment. And that's what Garratt-Callahan delivers.

Garratt-Callahan: Better service and solutions for better savings in water treatment.