

# Great River Energy Goes 'Green' with Eco-Friendly Level Switches from Jerguson®

*Coal Creek Station Replaces Outdated Level Switches with Mercury-Free Switches from Jerguson®*



**Cleveland, Ohio**—When Great River Energy's Coal Creek Station, the largest power plant in North Dakota, recently decided to upgrade their aged, mercury-containing switches in an effort to further their commitment to protect the environment and provide a safer workplace for employees, they selected mercury-free Jerguson Tri-Magnet Level Switches from the Clark-Reliance® Instrumentation and Controls Group.

As the only power plant in North Dakota to be ISO 14001 certified, Coal Creek Station understands the importance of continuously evaluating and improving its environmental performance. George Welder, E&I Maintenance Planner at Coal Creek, explains *"The level switches we were using to monitor levels of our feed water heaters were older and contained mercury. The time was right to find a new, mercury-free solution."*

Welder explains that he first went to the OEM (original equipment manufacturer) of the in-place switches to seek a mercury-free alternative. He recounted, *"They really didn't have what I was looking for. The alternatives they offered did not fully meet our needs and installation of the new switches seemed as though it would be inconvenient and expensive."*

Then, while attending an energy conference in North Dakota recently, Welder found what he was looking for on display at the Clark-Reliance booth. After initial discussions between Welder and Clark-Reliance personnel, Welder was confident that the cost-effective, mercury-free Jerguson Tri-Magnet Level Switch would be an ideal replacement for his old feed water heater switches.

Welder trusted Clark-Reliance because of the company's great reputation, and the fact that other Clark-Reliance level equipment was in use and operating dependably in other parts of the Coal Creek Station plant. *"Some of the Clark-Reliance equipment here goes back a long time—maybe close to 30 years," he said. The Jerguson Tri-Magnet Level Switches have been in operation at Coal Creek Station since May 2007. "The new switches are very rugged and dependable, and most importantly, they are mercury-free and safe for the environment. Dealing with spilled mercury is an extremely difficult task, but it's one we won't have to worry about with these new switches," said Welder.*

Contact Jerguson for more information to help you **get the mercury out!**

## JERGUSON®

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