## **C&W Mechanical**



Phone (610) 469-1030 FAX (610) 469-1032

June 2, 2010

WATER ENERGIZERS, INC. Attention: Rhonda Harris 3008 Middle Road Jeffersonville, IN 47130

Dear Rhonda.

Over the last 20 years, I have used Water Energizers in cooling towers in numerous installations with great success. As a result I am happy to write this letter of recommendation for Water Energizers with the highest level of confidence for excellent performance.

In 1990, as Service Manager for York International's Engineered Machinery division in Philadelphia, I was responsible for over 200 in maintenance contracts on large chillers and/or cooling towers. Our client list included the University of Pennsylvania, Pennsylvania Hospital, Merck Pharmaceutical, many of the largest office buildings in Philadelphia as well as several major casinos in Atlantic City.

During that time, we used conventional chemical water treatment for the condenser water, chilled water and hot water systems. While conventional chemical water treatment systems worked well for us, I became frustrated with customer and employee complaints of running out of chemicals, too much chemical in their systems, chemical spills, chemical pumps failing and foaming from chemicals.

In an effort to find a better way, I contracted a water treatment consultant to learn the fundamentals of keeping water clean. This led to a yearlong experiment where used and compared three different types of water treatment as follows:

- Traditional Chemical Water Treatment
- Magnetic Water Treatment
- Water Energizers

The results of the test showed:

- Traditional Chemical Water Treatment
  - Worked well to stop organic growth, reduce scaling and minimize rust when applied correctly and monitored
  - o Customer complaints continued concerning chemical handling and maintenance issues
- Magnetic Water Treatment
  - o There was a significant first cost and installation cost to switch to this technology
  - o Customer complaints concerning chemical handling and maintenance issues were eliminated
  - No efficacy was seen in control of organic growth, scale prevention or rust prevention

"Providing Mechanical Solutions to Industry"

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- Water Energizers
  - o There was no first cost to switch to this technology
  - o Customer complaints concerning chemical handling and maintenance issues were eliminated
  - o Organic growth was reduced considerably
  - Scale on heat exchanger surfaces that was not touched by chemical water treatment was completely removed with this technology
  - o Rust prevention was noticeably improved with this technology
  - o Employees were delighted to eliminate the handling of chemicals

Over the last twenty years I have been not only satisfied but amazed that the micro-currents produced by the use of Water Energizers have killed bacteria, de-scaled heat exchangers and eliminated rust in the many systems in which I have used them including:

- Cooling tower systems
- Evaporative condensers
- Chilled water systems
- Steam systems
- Direct product contact systems such as plastic extrusion cooling

As a registered Professional Engineer in Pennsylvania and Florida, the technologies that I recommend must be fundamentally sound and have produced positive results in the field under my watch. After twenty years of recommending, specifying and using this technology, I am confident in recommending Water Energizers as the most innovative and effective water treatment technology available for to treat the water systems mentioned above.

Sincerely yours,

Robert A. McGreevy, PE

President