



December 12, 2001

From:
Manny Corti, B.E.M.E. Energy
Engineer Concord Atlantic
Engineers

To:
Joseph L. Mullin, P.E.
UML Group, Inc. 2004
Fox Creek Road
Berwyn, PA 19312

Re: Hilton Hotels
6th Avenue and:
New York, NY
6th Avenue and 54th Street

Dear Joe,

In a telephone interview I had with Mike Smith, Vice President of Facilities Operations, he informed me of the following:

The Magnetizer (MGI) magnets have been installed for approximately 6 years on the Hilton's cooling tower and two 250-ton chillers. Mike reports that the results have been nothing less than "amazing." He says that no chemical additives are needed whatsoever, but that he does use 'a little- to keep everyone happy.'

According to Mike, the cooling tower previously had 12 inches of algae in the pan. They could actually cut it with a lawnmower.

After installing the Magnetizers very little algae was present. The sparse amount that was present appeared to be inactive. The entire cooling tower was cleaned in less than 30 days. He did say that he adds Bio-side 'just in case', because he did not want to take any chances, even though the tower had been tested and had proved negative. The Magnetizers were also installed on the Hilton's new chiller plants. Two 250-ton chillers were installed a year ago. Again, very little chemicals were required to maintain the system. Since the Magnetizers have been installed on the Heat Recovery units, the difference when they dropped with heads with and without the magnets was nothing short of

a miracle.' They were installed on their sewer ejector unit on the 1-1-1/2 inch lines for the past three years. They used to drop the pipe 2 to 3 times a year for extensive cleaning, because of the clogged unit. But since the Magnetizers have been installed, the units have not had to be cleaned out at all.

Mike is frankly amazed. He is a little reluctant to tell anyone about the results, because 'they look at me as if I had three heads.' His enthusiasm was boundless. He cannot understand why everyone isn't using Magnetizer- especially since the units require no maintenance and are guaranteed for life.

Mike informs me that the Magnetizers were also installed at the Hilton Hotel in Ryetown, NY, West Chester County. The Magnetizers were installed on the boilers, both the water and the fuel side piping. The fuel consumption was monitored and was found to be reduced by 13 percent. Emissions were also drastically reduced, but offhand, Mike was unable to give me any statistics about this.

Magnetizer has also been installed at the New Orleans Hilton.

Mike commented that most chemical additives have changed over the years, due to EPA classifications. The use of Hazardous Materials (HAZ-MATS) are forbidden. Failure to comply with the new legislation carries severe penalties. The result of this prudence, has, however resulted in ineffective water treatment and much wasted revenue. According to Mike, it is a matter of time before the EPA bans Blow-Off and Blow-Down boiler systems.

Sincerely,

Manny Corti
Energy Engineer
Concord Atlantic Engineers