



A TALE OF TWO TOWERS

Early in 1976 the opportunity arose to fit the first Algarid to a cooling tower in Hawthorn, an inner suburb of Melbourne, Australia.

The results were quite dramatic as the tower it was fitted to was known to be a real problem tower. It required cleaning every 4 weeks. No chemicals had been used as its size did not warrant chemical treatment, and on the same roof a second tower, very much larger, had always behaved perfectly without chemical treatment.

This fact had mystified the engineers from the mechanical services company, Gardner and Naylor whose responsibility it was to service both towers. After fitting a single Algarid to the smaller troublesome tower, the algae and bacterial slime was no longer a problem.

The larger tower's good behaviour still remained a mystery until upon examination it was found that the pipes (copper, non magnetic) were running parallel and close to the electrical cables through four floors, (about 40 ft.), in a service shaft about 3 ft. square.

These cables also included the lift cables and all power going to the top floor. Although there would only be a low magnetic field, it was over a large enough distance to accidentally treat the water in the large tower. Hence it had never given any trouble with algae and bacteria.

On the other hand, the pipe work in the smaller tower had no relationship with the electrical wiring and had been a problem for 4 years until we fitted the Algarid magnetic water stabilizer.

Following this success, Gardner and Naylor fitter a number of units where algae and bacteria problems exist.

In cooling towers, chemical treatment can be eliminated as it can in fountains, fishponds, irrigation systems etc. There are many situations where chemical treatment is undesirable apart from the ongoing costs. Most of these applications can be fitted with Algarid to solve problems of bacterial and algal slime.

As magnetic fields are a natural phenomenon and are non-polluting, we are not adding to problems of water and air pollution, as we all know chemicals do.

The advantages are obvious – less time in maintenance, lower costs and pollution and cleaner, clearer water.