TRIANGULAR WAVE
Fact Sheet

TRIANGULAR WAVE DEPOSIT CONTROL SYSTEMS SAVE WATER, SEWER, AND CHEMICAL COSTS.

The Triangular Wave Deposit Control System is an advanced method for controlling scale and bio-fouling in fluid systems. The Triangular Wave System performs many functions that lead to significant cost savings. For example:

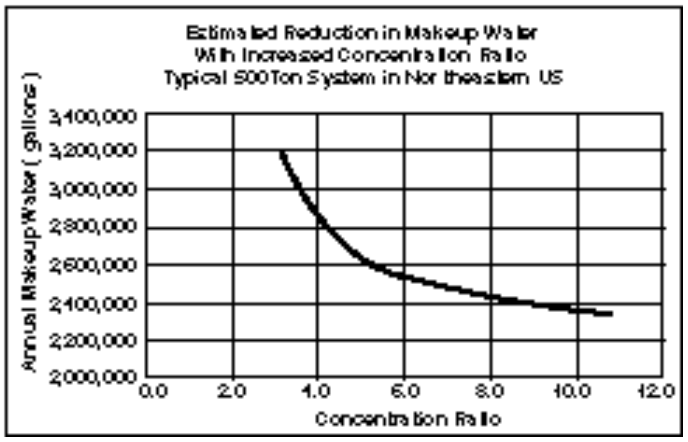
- Deposit control means ***blowdown can be reduced,*** because concentrations of total dissolved solids in the water may be allowed to rise without concern for scale build-up.
- Deposit control means ***no chemical treatment*** is needed to keep equipment surfaces free of scale and biofilm.

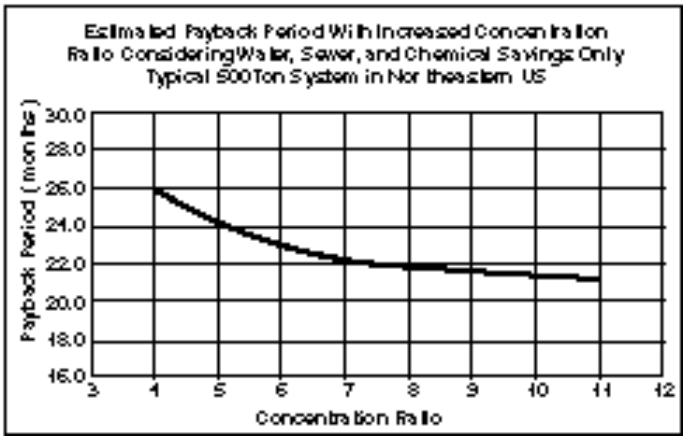
A typical 500-ton cooling tower system located in the northeastern United States may be operated safely at a concentration ratio of 8, or higher, with a Triangular Wave Deposit Control System installed. If the original concentration ratio was 3, then the annual blowdown water savings would be 700,000 gallons. Contributing to a ***24% reduction in make-up water***. In warmer regions or areas of the country with harder water the savings may be even greater.

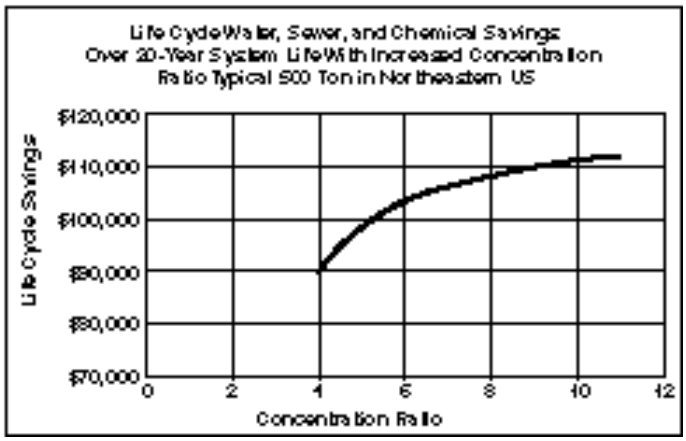
The typical combined water and sewer costs for the blowdown water would be about $3.00 per 1000 gallons, and the chemical treatment costs would be about $6,000 per year. At those costs, ***the annual savings would exceed $8,200***.

The payback period for a Triangular Wave System is typically between 9 and 18 months. If a 20-year life at 3% interest is assumed, then ***the present value of life cycle savings would be about $108,000***.

The return on investment of a Triangular Wave System is phenomenal from an operational, economical, and safety point-of-view.







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