



## TOWER SENTRY SYSTEM TREATS AND FILTERS WATER

### APPLICATION

Full flow open loop condenser water

### CUSTOMER STATEMENT / RESULTS

“We used to have a bad scale problem in our heat exchanger that was very expensive and time consuming to clean. We are happy to say we don’t have to deal with that any longer.

“The one thing we are most impressed with is the fact that the Heat Exchanger is now working so well. With the aid of the two Wave’s, we can finally achieve the manufacturer’s specified flow through our heat exchanger and keep it free of scale and deposits.”

Facilities Manager + Researcher,  
Tim Essert

### CUSTOMER PROFILE

The University of California, Davis, is one of the top public research universities in the United States, as exemplified by the 76” Cyclotron in its Crocker Nuclear Laboratory. Committed to a range of research in both the public and private sectors, the cyclotron has been used in Nuclear Physics, applied Solid State Physics, Radiation Effects, Planetary Geology and Cosmogenics tests.

### PROBLEM

Chemicals became increasingly expensive while system performance diminished. The heat exchanger and cooling tower could not keep pace with cooling demands due to the scaling.

### SOLUTION

- Full Flow 3” Wave with Self Contained Side Stream Filtration
- 6” Full Flow Wave and Full Flow Separator to recovery tank

