## I need to control
- Conductivity
- pH
- Inhibitor
- ORP
- 1 Biocide
- 2 Biocides
- 3 Biocides
- Biodispersant
- Closed Loop Treatment
- Tower Cycles
- A pot feeder
- A dump valve - solenoid
- Variable Speed Pumps

## I need to measure
- Closed Loop Meter
- Bleed Meter
- Make-up meter
- Product feed (ml)
- Chemical drum level
- Closed Loop Conductivity
- Make-up Conductivity
- Corrosion Rate (mpy)
- Cooling Water Temp.
- Closed Loop Temp.
- Extra pH
- Extra ORP

## I'll use this sensor for control
- Ethernet TCP-IP
- 10BaseT
- Internet
- Command & control by a local PC
- 5 weeks of data logging
- Sensors, pumps, valves, meters, flowswitches...
- Command & control via modem with dial-out on alarm
- Network multiple controllers to a single PC and/or modem. Mix boilers & towers
- DC isolated 4-20mA current loops
- Alarms to the building automation system

## We've got an odd chemical feed problem
- The tower has more than one make-up source
- We can't feed the biocides and inhibitor at the same time
- We need to verify inhibitor feed and calculate ppm
- The process stream keeps fouling our water treatment sensors
- Make-up conductivity varies widely & frequently

## We'd also like to monitor, log and/or alarm on:
- Tower basin overflow
- High Cooling Water Temperature (Fan failure)
- Low drum level
- Titrator chart drive level
- Site 4-20 mA level
- Softener Regeneration
- RO Overpressure

## This site is unusual
- The tower is on the roof but the chemical feed and sensors are 20 floors below
- I'll need to reconfigure the controller as the program evolves
- I need to blowdown an adjacent boiler(s)
- I'd like to control adjacent towers with the same controller
- We need to add contact head and paddlewheel meters

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Phone me @ ____________________________
Contact: ____________________________
Dated: __________
Site: ____________________________________________