

**Tour of LES Salt Valley Generating Station Water Treatment System
Saturday, March 31, 9:30-11:30 am**

The LES facility uses many processes used in state-of-the-art drinking water treatment facilities.

Because the Lincoln area has insufficient ground or surface water to support the plant's operation, LES uses 3,000 gpm of treated effluent from Lincoln's Northeast Waste Water Treatment Plant as its primary water supply. The use of effluent requires a state-of-the-art water treatment system to produce various qualities of water for different site needs. Multimedia and ultra-filtration of the water to provide plant general service and fire protection water. Two-pass reverse osmosis and electrodeionization processing to produce the high-quality deionized water required for both boiler makeup. Corrosion control chemicals are added to some process waters.

You can learn more at: <http://www.powermag.com/awards/PowerJA05Nebraska.pdf>

Directions: Drive North on 27th to I-80. Get off I-80 at 56th exit, go north on 56th street to landfill (Bluff Road), go east (right) to past 70th street on Bluff Road, on the right hand side will see the powerplant. Tell guard you are there for the tour. Contact Name: Brad Hans.

One hour of continuing education will be given for Grades 1 through 4.

If you plan to attend, please e-mail Dr. Bruce Dvorak at bdvorak@unl.edu by noon, Monday, March 19.