



# N2R13 OUTAGE NEWS

March 5, 2012 Issue #22

## Cooling Tower Piping Preparing to Ship

To support the completion of the cooling tower pipe replacement in N2R13, on February 28, a meeting was held in Bedford, Pennsylvania, at the cooling tower pipe manufacturing facility to finalize shipping requirements, observe the actual manufacturing of the material and review the quality process utilized on our material prior to shipping to Nine Mile Point. Representatives from SPX Cooling Technologies in Overland, Kansas; MaRRs Hauling from Chesterton, Missouri; SPX Cooling Technologies Engineering from York, Pennsylvania; Operations and Quality Managers from Bedford Reinforced Plastics, and NMP Project Manager Bob McCrobie met to finalize the project requirements for final delivery beginning the week of March 19.

In all, 9,000 feet of piping are being manufactured and shipped of the 12,000 feet needed to complete the project. The piping is manufactured by the pultrusion process utilizing fiberglass strands, sheeting layers mixed with a poly resin to provide a significantly stronger and lighter pipe product that is also corrosive-resistant. This manufacturer has also provided key materials for the recently-open Hoover Dam Bridge and the piping system for the Bellagio Fountains in Las Vegas, and currently manufactures support structures and shapes for the cooling tower at Palisades nuclear power plant.

A quality tour was provided of testing activities for our piping, as well as an up close look at the actual pipe being made. An observation was also provided of the hard fabrication facility where nozzle locations and pipe collars are attached prior to shipping. Bedford and SPX have taken an extra step by uniquely identifying each piece by part number and with the direction of construction where the pipe is fixed into the cooling tower distribution point in the sluiceways.

During N2R13, the cooling tower will utilize 117 installation craft individuals and supervision for a total of 23,000 man hours to remove the old and install the new piping. The pipe is scheduled to complete installation on May 8, on which date project personnel will raise the American flag as a symbol of project completion!



*Project Manager Bob McCrobie (pictured in both photos above) recently travelled to Bedford, PA, as preparations to ship piping for the cooling tower continue.*