

Lee Ann Dumbauld - Fwd: LP&L Massengale Cooling Tower Construction - 5

From: Steven O'Neal
To: Dumbauld, Lee Ann
Date: 3/5/2013 11:32 AM
Subject: Fwd: LP&L Massengale Cooling Tower Construction - 5

Lee Ann,

I spoke with Rusty at length a little while ago.

He indicated that the structural "upgrading" referred to **did not take place**. After discussions between he and Gilmore concerning the fact that the facility can run for extended periods with the cooling tower off-line, they more or less agreed that the cooling tower was not Category III or IV, and did not need the upgrade.

Gilmore made mention of a decision to install a recirculating line that will allow complete bypass of the tower in cold weather, which did get installed. I do not know if this was in the original cooling tower construction budget or not. It would be interesting to know if the cost of the recirculating line is being blamed on the reclassification of the tower under the building code to category II (normal wind load requirements).

Rusty also indicated that there was no apparent slow down for redesign or change in the size or design of structural members during the project (further evidence of no structural upgrade), except for a delay associated with the installation of piping (most likely the recirculation piping referenced above) that extended into the North end of the basin), which prevented completion of concrete work on that end of the basin, and consequently delayed completion of the Northernmost cooling tower. Since the wooden scaffolding was incomplete and unbraced from North winds, additional bracing and anchors had to be installed pending completion of this work. Gilmore mentioned to Thoma that this increased the cost around \$50-\$70K.

This kind of pokes holes in LP&L's arguments, doesn't it?

Please let me know if you want to discuss.

Thanks,

Steve

>>> "Rusty Thoma" <rthoma@thomaengineering.com> 1/28/2013 8:44 AM >>>

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